

## Terminal blocks

### E - Pluggable terminal blocks Plugs Various connectors



#### Summary

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|                    |     |
|--------------------|-----|
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|       |     |
|-------|-----|
| ..... | 356 |
|-------|-----|

E

## Pluggable terminal blocks Screw clamp

Feed-through  
1 screw clamp - 2 pluggable

DIN 1-3



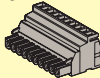
### Mating female plugs

Screw clamp plugs CPFT2L/...

Spring plugs CPFT2L/...



ADO plugs L 265 200 11



|          |  |               |         |    |              |       |
|----------|--|---------------|---------|----|--------------|-------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 | R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 | R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 | R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 | R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 | R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 | R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 | R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

Max. working temperature : 100°C  
Contact resistance : < 5 m Ω

We strongly recommend the use of coding accessories with this block : plugs are mounted in opposite position.



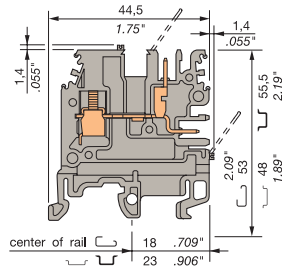
### Accessories

|  |    |   |              |
|--|----|---|--------------|
|  | 1  | End section                                       | grey<br>blue |
|  | 2  | Separator end section (block)                     |              |
|  | 3  | Separator end section (rail)                      |              |
|  | 4  | Test socket                                       |              |
|  | 5  | Test device                                       |              |
|  | 6  | Test plug   |              |
|  | 7  | Preassembled jumper bar (without IP20 protection) | 24 A         |
|  | 8  | Preassembled jumper bar (with IP20 protection)    | 24 A         |
|  | 9  | Not preassembled jumper bar Post + screw + washer | 24 A         |
|  | 10 | Connector plate                                   | 35 A         |
|  | 11 | Comb type jumper bar                              | 30 A         |
|  | 12 | Shield connector                                  |              |
|  | 13 | Blocking peg                                      |              |
|  | 14 | Detachable protection strips                      |              |
|  | 15 | End section-flange kit (R + L)                    |              |
|  | 16 | Busbar for LED common                             |              |
|  | 17 | 6 coding peg kit                                  |              |

R See section on marking  
Marking method

### MA 2,5/5 - CPE

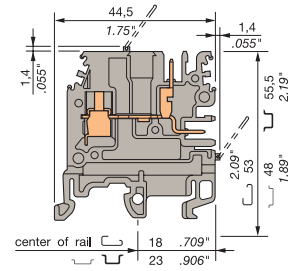
Spacing 5,08 mm (.200")



Standard MA 2,5/5 - CPE

### MA 2,5/5 - CPE.1

Spacing 5,08 mm (.200")



MA 2,5/5 - CPE with partition



| Colour | Type           | Part number        |
|--------|----------------|--------------------|
| Grey   | MA 2,5/5 - CPE | 1SNA 115 957 R1200 |

| Colour | Type             | Part number        |
|--------|------------------|--------------------|
| Grey   | MA 2,5/5 - CPE.1 | 1SNA 115 958 R2300 |

### Characteristics

| Wire size | Wire size |                          |           |           |
|-----------|-----------|--------------------------|-----------|-----------|
|           | IEC       | UL                       | CSA       |           |
| Screw     | Rigid     | 0,2-4 mm <sup>2</sup>    | 24-12 AWG | 24-12 AWG |
|           | Flexible  | 0,22-2,5 mm <sup>2</sup> | 24-12 AWG | 24-12 AWG |

### Characteristics

| Wire size | Wire size |                          |           |           |
|-----------|-----------|--------------------------|-----------|-----------|
|           | IEC       | UL                       | CSA       |           |
| Screw     | Rigid     | 0,2-4 mm <sup>2</sup>    | 24-12 AWG | 24-12 AWG |
|           | Flexible  | 0,22-2,5 mm <sup>2</sup> | 24-12 AWG | 24-12 AWG |

### Voltage

| Rated             | 320 V | 300 V | 300 V |
|-------------------|-------|-------|-------|
| Impulse withstand | 4 kV  |       |       |
| Pollution degree  | 3     |       |       |

### Voltage

| Rated             | 320 V | 300 V | 300 V |
|-------------------|-------|-------|-------|
| Impulse withstand | 4 kV  |       |       |
| Pollution degree  | 3     |       |       |

### Current

| Rated | 24/12+12 A | 20/10+10 A | 20/10+10 A |
|-------|------------|------------|------------|
|-------|------------|------------|------------|

### Current

| Rated | 24/12+12 A | 20/10+10 A | 20/10+10 A |
|-------|------------|------------|------------|
|-------|------------|------------|------------|

### Wire size

| Rated / Gauge         | 2,5 mm <sup>2</sup>     | 12 AWG                     | 12 AWG               |
|-----------------------|-------------------------|----------------------------|----------------------|
| Wire stripping length | Recommended screwdriver | Recommended torque         | protection           |
| 8,5 mm .33"           | 3,5 mm .137"            | 0,4 - 0,6 Nm 3.5-5.3 lb.in | IP 20 (3) NEMA 1 (3) |

### Wire size

| Rated / Gauge         | 2,5 mm <sup>2</sup>     | 12 AWG                     | 12 AWG               |
|-----------------------|-------------------------|----------------------------|----------------------|
| Wire stripping length | Recommended screwdriver | Recommended torque         | protection           |
| 8,5 mm .33"           | 3,5 mm .137"            | 0,4 - 0,6 Nm 3.5-5.3 lb.in | IP 20 (3) NEMA 1 (3) |

| Type     | Part number   |              |       | Type     | Part number   |              |       |
|----------|---------------|--------------|-------|----------|---------------|--------------|-------|
| FEM6     | th. 2,8 mm    | 1SNA 118 368 | R1600 | FEM6     | th. 2,8 mm    | 1SNA 118 368 | R1600 |
| FEM6     | th. 2,8 mm    | 1SNA 128 368 | R1000 | FEM6     | th. 2,8 mm    | 1SNA 128 368 | R1000 |
| SCF6     | th. 3,0 mm    | 1SNA 118 707 | R0300 | SCF6     | th. 3,0 mm    | 1SNA 118 707 | R0300 |
| SCFM6    | th. 3,0 mm    | 1SNA 114 825 | R0500 | SCFM6    | th. 3,0 mm    | 1SNA 114 825 | R0500 |
| SCFEX    | th. 2,4 mm    | 1SNA 103 619 | R0400 | SCFEX    | th. 2,4 mm    | 1SNA 103 619 | R0400 |
| SCFEX    | th. 2,4 mm    | 1SNA 103 620 | R0100 | SCFEX    | th. 2,4 mm    | 1SNA 103 620 | R0100 |
| AL2      | (1) dia. 2 mm | 1SNA 163 046 | R2400 | AL2      | (2) dia. 2 mm | 1SNA 163 046 | R2400 |
| DCB      | blue          | 1SNA 105 028 | R2100 | DCB      | blue          | 1SNA 105 028 | R2100 |
| FC2      | dia. 2 mm     | 1SNA 007 865 | R2600 | FC2      | dia. 2 mm     | 1SNA 007 865 | R2600 |
| BJM5     | (1) 2 poles   | 1SNA 176 273 | R0100 | BJM5     | (2) 2 poles   | 1SNA 176 273 | R0100 |
| BJM5     | (1) 3 poles   | 1SNA 176 274 | R0200 | BJM5     | (2) 3 poles   | 1SNA 176 274 | R0200 |
| BJM5     | (1) 4 poles   | 1SNA 176 275 | R0300 | BJM5     | (2) 4 poles   | 1SNA 176 275 | R0300 |
| BJM5     | (1) 5 poles   | 1SNA 176 276 | R0400 | BJM5     | (2) 5 poles   | 1SNA 176 276 | R0400 |
| BJM5     | (1) 10 poles  | 1SNA 176 277 | R0500 | BJM5     | (2) 10 poles  | 1SNA 176 277 | R0500 |
| BJMI5    | (1) 2 poles   | 1SNA 176 278 | R1600 | BJMI5    | (2) 2 poles   | 1SNA 176 278 | R1600 |
| BJMI5    | (1) 3 poles   | 1SNA 176 279 | R1700 | BJMI5    | (2) 3 poles   | 1SNA 176 279 | R1700 |
| BJMI5    | (1) 4 poles   | 1SNA 176 280 | R0500 | BJMI5    | (2) 4 poles   | 1SNA 176 280 | R0500 |
| BJMI5    | (1) 5 poles   | 1SNA 176 281 | R2200 | BJMI5    | (2) 5 poles   | 1SNA 176 281 | R2200 |
| BJMI5    | (1) 10 poles  | 1SNA 176 282 | R2300 | BJMI5    | (2) 10 poles  | 1SNA 176 282 | R2300 |
| BJS 5,08 | (1) 24 poles  | 1SNA 177 872 | R2300 | BJS 5,08 | (2) 24 poles  | 1SNA 177 872 | R2300 |
| EV5      |               | 1SNA 168 629 | R1600 | EV5      |               | 1SNA 168 629 | R1600 |
| EL6      |               | 1SNA 173 627 | R2100 | EL6      |               | 1SNA 173 627 | R2100 |
| PC5      | 2 poles       | 1SNA 113 542 | R1000 | PC5      | 2 poles       | 1SNA 113 542 | R1000 |
| PC5      | 10 poles      | 1SNA 113 544 | R1200 | PC5      | 10 poles      | 1SNA 113 544 | R1200 |
| CBM5     | th. 0,5 mm    | 1SNA 178 745 | R1400 | CBM5     | th. 0,5 mm    | 1SNA 178 745 | R1400 |
| CBM8     | th. 0,8 mm    | 1SNA 178 746 | R1500 | CBM8     | th. 0,8 mm    | 1SNA 178 746 | R1500 |
| COCF 32  |               | 1SNA 173 660 | R1600 | COCF 32  |               | 1SNA 173 660 | R1600 |
| CPF      | 10 poles      | 1SNA 199 323 | R2300 | CPF      | 10 poles      | 1SNA 199 323 | R2300 |
| FE-BCP   | th. 5,08 mm   | 1SNA 206 391 | R0700 | FE-BCP   | th. 5,08 mm   | 1SNA 206 391 | R0700 |
| BO05     | length 500 mm | 1SNA 177 849 | R0400 | BO05     | length 500 mm | 1SNA 177 849 | R0400 |
| COC1     |               | 1SNA 299 777 | R1600 | COC1     |               | 1SNA 299 777 | R1600 |

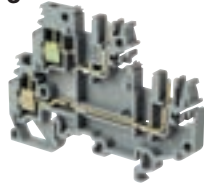
RC55 - RC510 - RCT610

RC55 - RC510 - RCT610

- (1) A circuit separator SC may be required with the use of these accessories.
- (2) Use of these accessories requires the user to cut the partition.
- (3) IP20 (NEMA 1) with the use of CPF 5,08 (protection strips item 14), delivered with the pluggable terminal block.

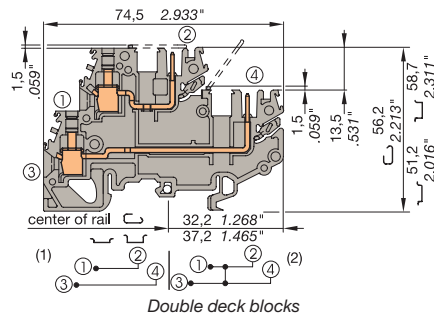
### Pluggable terminal blocks Screw clamp Double deck

Feed-through  
2 screw clamp - 2 pluggable  
DIN 1-3



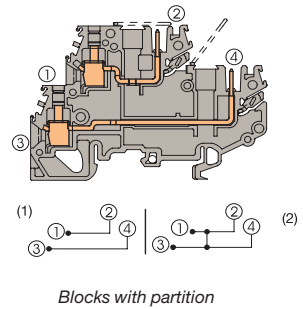
### MA 2,5/5D2 ... - 2CPE

Spacing 5,08 mm (.200")



### MA 2,5/5D ... - 2CPE.1

Spacing 5,08 mm (.200")



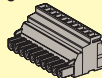
#### Mating female plugs

Screw clamp plugs CPFT2L...

Spring plugs CPFT2L/...



ADO plugs L 265 200 11



|          |               |        |    |                    |
|----------|---------------|--------|----|--------------------|
| End stop | th. 9 mm      | BADL   | V0 | 1SNA 399 903 R0200 |
| End stop | th. 9,1 mm    | BAM    | V2 | 1SNA 103 002 R2600 |
| End stop | th. 9,1 mm    | BAM V0 | V0 | 1SNA 199 306 R0300 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2 |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4    |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5    |    | 1SNA 168 700 R2200 |
| Rail     | 32 x 15 x 1,5 | PR1.Z2 |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

#### Observations

Max. working temperature : 100°C  
Contact resistance : < 5 m Ω



| Colour                          | Type             | Part number        |
|---------------------------------|------------------|--------------------|
| <b>(1) 2 independent levels</b> |                  |                    |
| Grey                            | MA2,5/5D2 - 2CPE | 1SNA 115 961 R1600 |
| Blue                            | MA2,5/5D2 - 2CPE | 1SNA 125 961 R1000 |
| <b>(2) 2 connected levels</b>   |                  |                    |
| Grey                            | MA2,5/5D - 2CPE  | 1SNA 115 962 R1700 |

| Colour                          | Type               | Part number        |
|---------------------------------|--------------------|--------------------|
| <b>(1) 2 independent levels</b> |                    |                    |
| Grey                            | MA2,5/5D2 - 2CPE.1 | 1SNA 115 963 R1000 |
| Blue                            | MA2,5/5D2 - 2CPE.1 | 1SNA 125 789 R2400 |
| <b>(2) 2 connected levels</b>   |                    |                    |
| Grey                            | MA2,5/5D - 2CPE.1  | 1SNA 115 791 R1400 |

#### Characteristics

| Wire size | IEC      |                          | UL/CSA    |
|-----------|----------|--------------------------|-----------|
|           | Rigid    | Flexible                 |           |
| Screw     | Rigid    | 0,2-4 mm <sup>2</sup>    | 24-12 AWG |
|           | Flexible | 0,22-2,5 mm <sup>2</sup> | 24-12 AWG |

#### Characteristics

| Wire size | IEC      |                          | UL/CSA    |
|-----------|----------|--------------------------|-----------|
|           | Rigid    | Flexible                 |           |
| Screw     | Rigid    | 0,2-4 mm <sup>2</sup>    | 24-12 AWG |
|           | Flexible | 0,22-2,5 mm <sup>2</sup> | 24-12 AWG |

| Voltage           |               |
|-------------------|---------------|
| Rated             | 320 V / 300 V |
| Impulse withstand | 4 kV          |
| Pollution degree  | 3             |

| Voltage           |               |
|-------------------|---------------|
| Rated             | 320 V / 300 V |
| Impulse withstand | 4 kV          |
| Pollution degree  | 3             |

| Current |                   |
|---------|-------------------|
| Rated   | 12/12 A / 10/10 A |

| Current |                   |
|---------|-------------------|
| Rated   | 12/12 A / 10/10 A |

| Wire size             |                         |                            |                  |
|-----------------------|-------------------------|----------------------------|------------------|
| Rated / Gauge         | 2,5 mm <sup>2</sup>     |                            | 12 AWG           |
| Wire stripping length | Recommended screwdriver | Recommended torque         | protection       |
| 10 mm .394"           | 3,5 mm .137"            | 0,4 - 0,6 Nm 3.5-5.3 lb.in | IP 20 (3) NEMA 1 |

| Wire size             |                         |                          |                  |
|-----------------------|-------------------------|--------------------------|------------------|
| Rated / Gauge         | 2,5 mm <sup>2</sup>     |                          | 12 AWG           |
| Wire stripping length | Recommended screwdriver | Recommended torque       | protection       |
| 10 mm .394"           | 3,5 mm .137"            | 0,4-0,6 Nm 3.5-5.3 lb.in | IP 20 (3) NEMA 1 |

#### Accessories

| Type  | Part number  |
|---|--|
| 1 End section grey                                  | FEDCP  |
| 2 Test socket                                       | AL2 (4)  |
| 3 Test device                                       | DCB blue   |
| 4 Test plug   | FC2 dia. 2 mm  |
| 5 Preassembled jumper bar (without IP20 protection) | BJM5 (4) 2 poles<br>BJM5 (4) 3 poles<br>BJM5 (4) 4 poles<br>BJM5 (4) 5 poles<br>BJM5 (4) 10 poles      |
| 6 Preassembled jumper bar (with IP20 protection)    | BJMI5 (4) 2 poles<br>BJMI5 (4) 3 poles<br>BJMI5 (4) 4 poles<br>BJMI5 (4) 5 poles<br>BJMI5 (4) 10 poles |
| 7 Not preassembled jumper bar                       | BJS 5,08 (4) 24 poles  |
| 8 Post + screw + washer                             | EV5 1SNA 168 629 R1600   |
| 9 Connector plate                                   | EL6 1SNA 173 627 R2100   |
| 10 Comb type jumper bar                             | PC5 2 poles 1SNA 113 542 R1000<br>PC5 10 poles 1SNA 113 544 R1200                                      |
| 11 Blocking peg                                     | COCF 32 1SNA 173 660 R1600   |
| 12 Detachable protection strips                     | CPF 5,08 10 poles 1SNA 199 323 R2300   |
| 13 End section-flange kit (R + L)                   | FEDBCP th. 5,08 mm 1SNA 206 392 R0000  |
| 14 Busbar for LED common                            | BO05 length 500 mm 1SNA 177 849 R0400  |
| 14 6 coding peg kit                                 | COC1 1SNA 299 777 R1600  |

| Type         | Part number                      |
|--------------|----------------------------------|
| FEDCP        | th. 2,54 mm 1SNA 215 071 R2100   |
| AL2 (4)      | dia. 2 mm 1SNA 163 046 R2400     |
| DCB          | blue 1SNA 105 028 R2100          |
| FC2          | dia. 2 mm 1SNA 007 865 R2600     |
| BJM5 (4)     | 2 poles 1SNA 176 273 R0100       |
| BJM5 (4)     | 3 poles 1SNA 176 274 R0200       |
| BJM5 (4)     | 4 poles 1SNA 176 275 R0300       |
| BJM5 (4)     | 5 poles 1SNA 176 276 R0400       |
| BJM5 (4)     | 10 poles 1SNA 176 277 R0500      |
| BJMI5 (4)    | 2 poles 1SNA 176 278 R1600       |
| BJMI5 (4)    | 3 poles 1SNA 176 279 R1700       |
| BJMI5 (4)    | 4 poles 1SNA 176 280 R0500       |
| BJMI5 (4)    | 5 poles 1SNA 176 281 R2200       |
| BJMI5 (4)    | 10 poles 1SNA 176 282 R2300      |
| BJS 5,08 (4) | 24 poles 1SNA 177 872 R2300      |
| EV5          | 1SNA 168 629 R1600               |
| EL6          | 1SNA 173 627 R2100               |
| PC5          | 2 poles 1SNA 113 542 R1000       |
| PC5          | 10 poles 1SNA 113 544 R1200      |
| COCF 32      | 1SNA 173 660 R1600               |
| CPF 5,08     | 10 poles 1SNA 199 323 R2300      |
| FEDBCP       | th. 5,08 mm 1SNA 206 392 R0000   |
| BO05         | length 500 mm 1SNA 177 849 R0400 |
| COC1         | 1SNA 299 777 R1600               |

| Type         | Part number                      |
|--------------|----------------------------------|
| FEDCP        | th. 2,54 mm 1SNA 215 071 R2100   |
| AL2 (5)      | dia. 2 mm 1SNA 163 046 R2400     |
| DCB          | blue 1SNA 105 028 R2100          |
| FC2          | dia. 2 mm 1SNA 007 865 R2600     |
| BJM5 (5)     | 2 poles 1SNA 176 273 R0100       |
| BJM5 (5)     | 3 poles 1SNA 176 274 R0200       |
| BJM5 (5)     | 4 poles 1SNA 176 275 R0300       |
| BJM5 (5)     | 5 poles 1SNA 176 276 R0400       |
| BJM5 (5)     | 10 poles 1SNA 176 277 R0500      |
| BJMI5 (5)    | 2 poles 1SNA 176 278 R1600       |
| BJMI5 (5)    | 3 poles 1SNA 176 279 R1700       |
| BJMI5 (5)    | 4 poles 1SNA 176 280 R0500       |
| BJMI5 (5)    | 5 poles 1SNA 176 281 R2200       |
| BJMI5 (5)    | 10 poles 1SNA 176 282 R2300      |
| BJS 5,08 (5) | 24 poles 1SNA 177 872 R2300      |
| EV5          | 1SNA 168 629 R1600               |
| EL6          | 1SNA 173 627 R2100               |
| PC5          | 2 poles 1SNA 113 542 R1000       |
| PC5          | 10 poles 1SNA 113 544 R1200      |
| COCF 32      | 1SNA 173 660 R1600               |
| CPF 5,08     | 10 poles 1SNA 199 323 R2300      |
| FEDBCP       | th. 5,08 mm 1SNA 206 392 R0000   |
| BO05         | length 500 mm 1SNA 177 849 R0400 |
| COC1         | 1SNA 299 777 R1600               |

R See section on marking  
Marking method

RC55 - RC510 - RCT610

RC55 - RC510 - RCT610

(3) IP20 (NEMA 1) with the use of CPF 5,08 (protection strips item 11), delivered with the pluggable terminal block.  
(4) FEDCP mandatory with these accessories in order to isolate each circuit with voltages greater than 250 V.  
(5) Use of these accessories requires the user to cut the partition.

## Pluggable terminal blocks Screw clamp

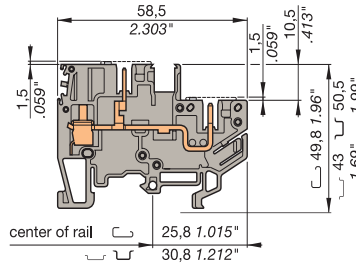
Feed-through  
1 screw clamp - 2 pluggable

DIN 1-3



### MA 2,5/5 - 2CPE

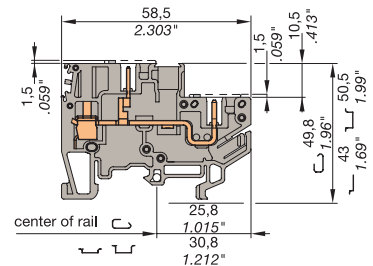
Spacing 5,08 mm (.200")



Standard block

### MA 2,5/5 - 2CPE.1

Spacing 5,08 mm (.200")



Block with partition

**Mating female plugs**

Screw clamp plugs CPFT2... Spring plugs CPFT2L/...

ADO plugs L 265 200 11

|          |               |         |    |              |       |
|----------|---------------|---------|----|--------------|-------|
| End stop | th. 9 mm      | BADL    | V0 | 1SNA 399 903 | R0200 |
| End stop | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 | R1600 |
| End stop | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 | R0000 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 | R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 | R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 | R2200 |
| Rail     | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 | R0400 |

Other end stops, rails and accessories : see section on accessories.

**Observations**

Max. working temperature : 100°C  
Contact resistance : < 5 m Ω

| Colour | Type             | Part number        |
|--------|------------------|--------------------|
| Grey   | MA 2,5/5 - 2 CPE | 1SNA 115 964 R1100 |
| Blue   | MA 2,5/5 - 2 CPE | 1SNA 125 711 R1500 |

| Colour | Type              | Part number        |
|--------|-------------------|--------------------|
| Grey   | MA 2,5/5 - 2CPE.1 | 1SNA 115 965 R1200 |
| Blue   | MA 2,5/5 - 2CPE.1 | 1SNA 125 965 R1400 |

**Characteristics**

| Wire size | IEC                   |                          | UL/CSA    |
|-----------|-----------------------|--------------------------|-----------|
|           | Rigid                 | Flexible                 |           |
| Screw     | 0,2-4 mm <sup>2</sup> | 0,22-2,5 mm <sup>2</sup> | 24-12 AWG |

**Characteristics**

| Wire size | IEC                   |                          | UL/CSA    |
|-----------|-----------------------|--------------------------|-----------|
|           | Rigid                 | Flexible                 |           |
| Screw     | 0,2-4 mm <sup>2</sup> | 0,22-2,5 mm <sup>2</sup> | 24-12 AWG |

**Voltage**

|                   |       |       |
|-------------------|-------|-------|
| Rated             | 320 V | 300 V |
| Impulse withstand | 4 kV  |       |
| Pollution degree  | 3     |       |

**Voltage**

|                   |       |       |
|-------------------|-------|-------|
| Rated             | 320 V | 300 V |
| Impulse withstand | 4 kV  |       |
| Pollution degree  | 3     |       |

**Current**

|       |              |              |
|-------|--------------|--------------|
| Rated | 24 (12+12 A) | 20 (10+10 A) |
|-------|--------------|--------------|

**Current**

|       |              |              |
|-------|--------------|--------------|
| Rated | 24 (12+12 A) | 20 (10+10 A) |
|-------|--------------|--------------|

**Wire size**

|                       |                         |                            |                      |
|-----------------------|-------------------------|----------------------------|----------------------|
| Rated / Gauge         | 2,5 mm <sup>2</sup>     | 12 AWG                     |                      |
| Wire stripping length | Recommended screwdriver | Recommended torque         | protection           |
| 10 mm .394"           | 3,5 mm .137"            | 0,4 - 0,6 Nm 3.5-5.3 lb.in | IP 20 (3) NEMA 1 (3) |

**Wire size**

|                       |                         |                          |                      |
|-----------------------|-------------------------|--------------------------|----------------------|
| Rated / Gauge         | 2,5 mm <sup>2</sup>     | 12 AWG                   |                      |
| Wire stripping length | Recommended screwdriver | Recommended torque       | protection           |
| 10 mm .394"           | 3,5 mm .137"            | 0,4-0,6 Nm 3.5-5.3 lb.in | IP 20 (3) NEMA 1 (3) |

## Accessories

|    |   |      |
|----|---|------|
| 1  | End section                                       | grey |
| 2  | Test socket                                       |      |
| 3  | Test device                                       |      |
| 4  | Test plug   |      |
| 5  | Preassembled jumper bar (without IP20 protection) | 24 A |
| 6  | Preassembled jumper bar (with IP20 protection)    | 24 A |
| 7  | Not preassembled jumper bar                       | 24 A |
| 8  | Connector plate                                   | 35 A |
| 9  | Comb type jumper bar                              | 30 A |
| 10 | Blocking peg                                      | 30 A |
| 11 | Detachable protectionstrips                       |      |
| 12 | End section-flange kit (R + L)                    |      |
| 13 | Busbar for LED common                             |      |
| 14 | 6 coding peg kit                                  |      |

| Type     | Part number                      |
|----------|----------------------------------|
| FE2CPE   | th. 2,8 mm 1SNA 215 038 R2000    |
| AL2      | (1) dia. 2 mm 1SNA 163 046 R2400 |
| DCB      | blue 1SNA 105 028 R2100          |
| FC2      | dia. 2 mm 1SNA 007 865 R2600     |
| BJM5     | (1) 2 poles 1SNA 176 273 R0100   |
| BJM5     | (1) 3 poles 1SNA 176 274 R0200   |
| BJM5     | (1) 4 poles 1SNA 176 275 R0300   |
| BJM5     | (1) 5 poles 1SNA 176 276 R0400   |
| BJM5     | (1) 10 poles 1SNA 176 277 R0500  |
| BJM15    | (1) 2 poles 1SNA 176 278 R1600   |
| BJM15    | (1) 3 poles 1SNA 176 279 R1700   |
| BJM15    | (1) 4 poles 1SNA 176 280 R0500   |
| BJM15    | (1) 5 poles 1SNA 176 281 R2200   |
| BJM15    | (1) 10 poles 1SNA 176 282 R2300  |
| BJS 5,08 | (1) 24 poles 1SNA 177 872 R2300  |
| EV5      | 1SNA 168 629 R1600               |
| EL6      | 1SNA 173 627 R2100               |
| PC5      | 2 poles 1SNA 113 542 R1000       |
| PC5      | 10 poles 1SNA 113 544 R1200      |
| COCF 32  | 1SNA 173 660 R1600               |
| CPF 5,08 | 10 poles 1SNA 199 323 R2300      |
| FE1BCP   | th. 5,08 mm 1SNA 206 389 R1500   |
| BO05     | length 500 mm 1SNA 177 849 R0400 |
| COC1     | 1SNA 299 777 R1600               |

| Type     | Part number                      |
|----------|----------------------------------|
| FE2CPE   | th. 2,8 mm 1SNA 215 038 R2000    |
| AL2      | (2) dia. 2 mm 1SNA 163 046 R2400 |
| DCB      | blue 1SNA 105 028 R2100          |
| FC2      | dia. 2 mm 1SNA 007 865 R2600     |
| BJM5     | (2) 2 poles 1SNA 176 273 R0100   |
| BJM5     | (2) 3 poles 1SNA 176 274 R0200   |
| BJM5     | (2) 4 poles 1SNA 176 275 R0300   |
| BJM5     | (2) 5 poles 1SNA 176 276 R0400   |
| BJM5     | (2) 10 poles 1SNA 176 277 R0500  |
| BJM15    | (2) 2 poles 1SNA 176 278 R1600   |
| BJM15    | (2) 3 poles 1SNA 176 279 R1700   |
| BJM15    | (2) 4 poles 1SNA 176 280 R0500   |
| BJM15    | (2) 5 poles 1SNA 176 281 R2200   |
| BJM15    | (2) 10 poles 1SNA 176 282 R2300  |
| BJS 5,08 | (2) 24 poles 1SNA 177 872 R2300  |
| EV5      | 1SNA 168 629 R1600               |
| EL6      | 1SNA 173 627 R2100               |
| PC5      | 2 poles 1SNA 113 542 R1000       |
| PC5      | 10 poles 1SNA 113 544 R1200      |
| COCF 32  | 1SNA 173 660 R1600               |
| CPF 5,08 | 10 poles 1SNA 199 323 R2300      |
| FE1BCP   | th. 5,08 mm 1SNA 206 389 R1500   |
| BO05     | length 500 mm 1SNA 177 849 R0400 |
| COC1     | 1SNA 299 777 R1600               |

R See section on marking

RC55 - RC510 - RCT610  
 (1) FE2CPE mandatory with these accessories in order to isolate each circuit with voltages greater than 250V.  
 (2) Use of these accessories requires the user to cut the partition.  
 (3) IP20 (NEMA 1) with the use of CPF 5,08 (protection strips item 14), delivered with the pluggable terminal block.

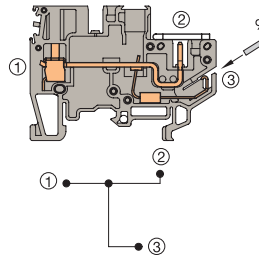
# Pluggable terminal blocks Screw clamp

Feed-through  
1 screw clamp - 2 pluggable

 **DIN 1-3**

## MA 2,5/5 - 2CPE.1 - AB - Pb

Spacing 5,08 mm (.200")



**Mating female plugs**

Screw clamp plugs CPFT2...      Spring plugs CPFT2L/...

ADO plugs L 265 200 11

|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Observations

Max. working temperature : 100°C  
Contact resistance : < 5 m Ω

|  |  |
|--|--|
|  |  |
|--|--|

| Colour | Type   | Part number        | Colour | Type | Part number |
|--------|--|--------------------|--------|------|-------------|
| Grey   | <input type="checkbox"/> MA 2,5/5-2CPE.1-AB-Pb | 1SNA 115 787 R1000 |        |      |             |

| Characteristics |          |                          | Characteristics       |           |  |
|-----------------|----------|--------------------------|-----------------------|-----------|--|
| Wire size       |          | IEC                      | UL/CSA                |           |  |
|                 | Screw    | Rigid                    | 0,2-4 mm <sup>2</sup> | 24-12 AWG |  |
|                 | Flexible | 0,22-2,5 mm <sup>2</sup> | 24-12AWG              |           |  |

| Voltage           |           |       |
|-------------------|-----------|-------|
| Rated             | 320 V (1) | 300 V |
| Impulse withstand | 4 kV      |       |
| Pollution degree  | 3         |       |

| Current |      |      |
|---------|------|------|
| Rated   | 12 A | 10 A |

| Wire size             |                         |                               |                         |
|-----------------------|-------------------------|-------------------------------|-------------------------|
| Rated / Gauge         | 2,5 mm <sup>2</sup>     | 12 AWG                        |                         |
| Wire stripping length | Recommended screwdriver | Recommended torque            | protection              |
| 10 mm<br>.394"        | 3,5 mm<br>.137"         | 0,4 - 0,6 Nm<br>3.5-5.3 lb.in | IP 20 (2)<br>NEMA 1 (2) |

### Accessories

|  |                                  |                |
|--|----------------------------------|----------------|
|  | 1 End section                    | grey           |
|  | 2 Test device                    |                |
|  | 3 Test plug                      |                |
|  | 4 Comb type jumper bar           | 30 A<br>30 A   |
|  | 5 Detachable protection strips   |                |
|  | 6 End section-flange kit (R + L) |                |
|  | 7 Blocking peg                   |                |
|  | 8 Busbar for LED common          |                |
|  | 9 6 coding peg kit               |                |
|  | R See section on marking         | Marking method |

| Type     | Part number   | Type               | Part number |
|----------|---------------|--------------------|-------------|
| FE2CPE   | th. 2.8 mm    | 1SNA 215 038 R2000 |             |
| DCB      | blue          | 1SNA 105 028 R2100 |             |
| FC2      | dia. 2 mm     | 1SNA 007 865 R2600 |             |
| PC5      | 2 poles       | 1SNA 113 542 R1000 |             |
| PC5      | 10 poles      | 1SNA 113 544 R1200 |             |
| CPF 5,08 | 10 poles      | 1SNA 199 323 R2300 |             |
| FE1BCP   |               | 1SNA 215 036 R1600 |             |
| COCF 32  |               | 1SNA 173 660 R1600 |             |
| BO05     | length 500 mm | 1SNA 177 849 R0400 |             |
| COC1     |               | 1SNA 299 777 R1600 |             |

RC55 - RC510 - RCT610  
(1) Terminal block insulating voltage. Working voltage according to LED.  
(2) IP20 (NEMA 1) with the use of CPF 5,08 (protection strips item 9), delivered with the pluggable terminal block.



# Pluggable terminal blocks

## Screw clamp

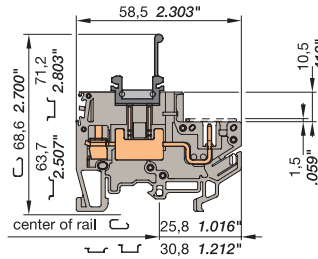
### Fuse holder for automotive mini fuse

#### 1 screw clamp - 1 pluggable

#### DIN 1-3

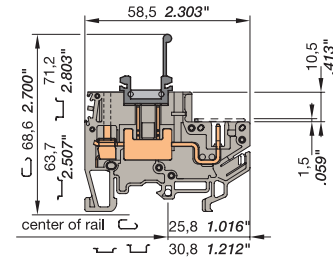
### MA 2,5/5 - SFA - CPE

Spacing 5,08 mm (.200")



### MA 2,5/5 - SFAT - CPE

Spacing 5,08 mm (.200")



Equipped with dia.2 mm test socket screw

**Mating female plugs**

Screw clamp plugs CPFT2... Spring plugs CPFT2L/...

ADO plugs L 265 200 11

|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Observations

Blocks delivered with fuse holder plug

Max. working temperature : 100°C  
Contact resistance : < 5 m Ω

| Colour | Type             | Part number        |
|--------|------------------|--------------------|
| Grey   | MA 2,5/5-SFA-CPE | 1SNA 115 770 R2000 |

| Colour | Type              | Part number        |
|--------|-------------------|--------------------|
| Grey   | MA 2,5/5-SFAT-CPE | 1SNA 115 771 R2700 |

### Characteristics

| Wire size | IEC                   |                          | UL/CSA    |           |
|-----------|-----------------------|--------------------------|-----------|-----------|
|           | Rigid                 | Flexible                 |           |           |
| Screw     | 0,2-4 mm <sup>2</sup> | 0,22-2,5 mm <sup>2</sup> | 24-12 AWG | 24-12 AWG |

### Characteristics

| Wire size | IEC                   |                          | UL/CSA    |           |
|-----------|-----------------------|--------------------------|-----------|-----------|
|           | Rigid                 | Flexible                 |           |           |
| Screw     | 0,2-4 mm <sup>2</sup> | 0,22-2,5 mm <sup>2</sup> | 24-12 AWG | 24-12 AWG |

### Voltage

|                   |           |       |
|-------------------|-----------|-------|
| Rated             | 320 V (1) | 300 V |
| Impulse withstand | 4 kV      |       |
| Pollution degree  | 3         |       |

### Current

|       |         |     |
|-------|---------|-----|
| Rated | 3 A (2) | 3 A |
|-------|---------|-----|

### Wire size

|                       |                         |                            |                      |
|-----------------------|-------------------------|----------------------------|----------------------|
| Rated / Gauge         | 2,5 mm <sup>2</sup>     | 12 AWG                     |                      |
| Wire stripping length | Recommended screwdriver | Recommended torque         | protection           |
| 10 mm .394"           | 3,5 mm .137"            | 0,4 - 0,6 Nm 3.5-5.3 lb.in | IP 20 (3) NEMA 1 (3) |

### Voltage

|                   |           |       |
|-------------------|-----------|-------|
| Rated             | 320 V (1) | 300 V |
| Impulse withstand | 4 kV      |       |
| Pollution degree  | 3         |       |

### Current

|       |         |     |
|-------|---------|-----|
| Rated | 3 A (2) | 3 A |
|-------|---------|-----|

### Wire size

|                       |                         |                            |                      |
|-----------------------|-------------------------|----------------------------|----------------------|
| Rated / Gauge         | 2,5 mm <sup>2</sup>     | 12 AWG                     |                      |
| Wire stripping length | Recommended screwdriver | Recommended torque         | protection           |
| 10 mm .394"           | 3,5 mm .137"            | 0,4 - 0,6 Nm 3.5-5.3 lb.in | IP 20 (3) NEMA 1 (3) |

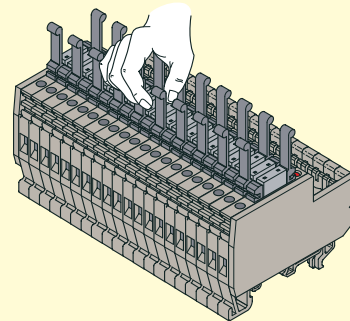
### Accessories

|    |                                |                |
|----|--------------------------------|----------------|
| 2  | End section                    | grey           |
| 2  | Fuse-holder plug               | black          |
| 3  | Mini Fuse - 32 V maxi          |                |
| 4  | Test device                    |                |
| 5  | Test plug                      |                |
| 6  | Comb type jumper bar           | 30 A           |
| 6  |                                | 30 A           |
| 7  | Busbar for LED common          |                |
| 8  | Detachable protection strips   |                |
| 9  | End section-flange kit (R + L) |                |
| 10 | Blocking peg                   |                |
| 11 | 6 coding peg kit               |                |
| R  | See section on marking         | Marking method |

| Type               | Part number        |
|--------------------|--------------------|
| FE2CPE             | 1SNA 215 038 R2000 |
| BF5AUTO            | 1SNA 299 877 R0300 |
| FUAUTO 2 A         | 1SNA 179 879 R1400 |
| FUAUTO 3 A         | 1SNA 179 880 R0200 |
| DCB blue           | 1SNA 105 028 R2100 |
| FC2 dia. 2 mm      | 1SNA 007 865 R2600 |
| PC5 2 poles        | 1SNA 113 542 R1000 |
| PC5 10 poles       | 1SNA 113 544 R1200 |
| BO05 length 500 mm | 1SNA 177 849 R0400 |
| CPF 5,08 10 poles  | 1SNA 199 323 R2300 |
| FE1BCP             | 1SNA 206 389 R1500 |
| COCF 32            | 1SNA 173 660 R1600 |
| COC1               | 1SNA 299 777 R1600 |

| Type               | Part number        |
|--------------------|--------------------|
| FE2CPE             | 1SNA 215 038 R2000 |
| BF5AUTO            | 1SNA 299 877 R0300 |
| FUAUTO 2 A         | 1SNA 179 879 R1400 |
| FUAUTO 3 A         | 1SNA 179 880 R0200 |
| DCB blue           | 1SNA 105 028 R2100 |
| FC2 dia. 2 mm      | 1SNA 007 865 R2600 |
| PC5 2 poles        | 1SNA 113 542 R1000 |
| PC5 10 poles       | 1SNA 113 544 R1200 |
| BO05 length 500 mm | 1SNA 177 849 R0400 |
| CPF 5,08 10 poles  | 1SNA 199 323 R2300 |
| FE1BCP             | 1SNA 206 389 R1500 |
| COCF 32            | 1SNA 173 660 R1600 |
| COC1               | 1SNA 299 777 R1600 |

Possibility to alternate the position of the fuse holder plug for a better handling.



RC55 - RC510  
(1) Terminal block insulating voltage. Working voltage according to LED.  
(2) Rated current function of fuse used: 3 A max. under 24 V.  
(3) IP20 (NEMA 1) with the use of CPF 5,08 (protection strips item 8), delivered with the pluggable terminal block.

RC55 - RC510  
(1) Terminal block insulating voltage. Working voltage according to LED.  
(2) Rated current function of fuse used: 3 A max. under 24 V.  
(3) IP20 (NEMA 1) with the use of CPF 5,08 (protection strips item 8), delivered with the pluggable terminal block.

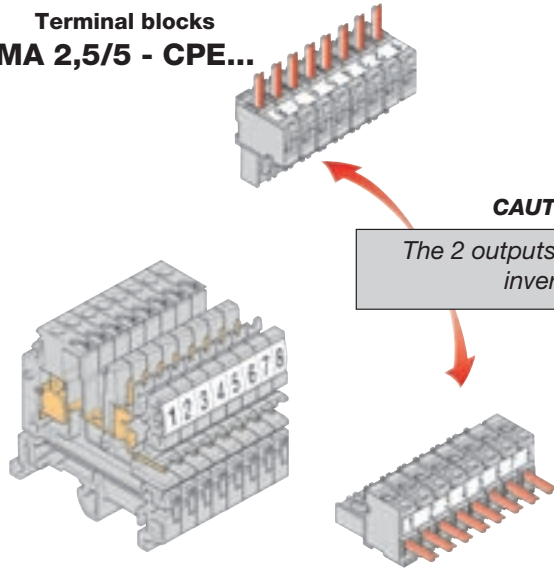




## PLUGGABLE TERMINAL BLOCK SCREW CLAMP ACCESSORIES

### Coding accessories

Terminal blocks  
MA 2,5/5 - CPE...



**CAUTION !**

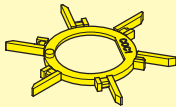
The 2 outputs for plugs are inverted.

- If one set is not used, mount blocking pegs to prevent a plug from being mounted on the output.

- If both outputs are used, coding is highly recommended.

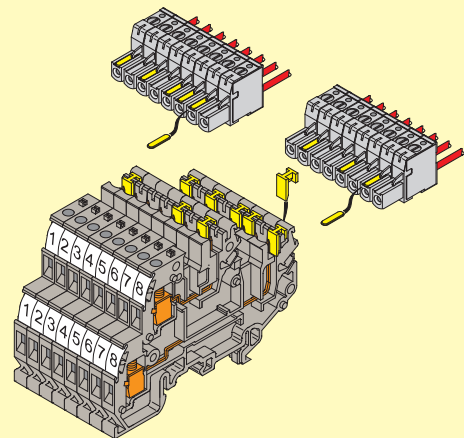
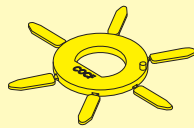
Coding peg  
**COC1**

(to be mounted on pluggable terminal blocks)



Coding peg  
**COCF**

(to be mounted on plugs)



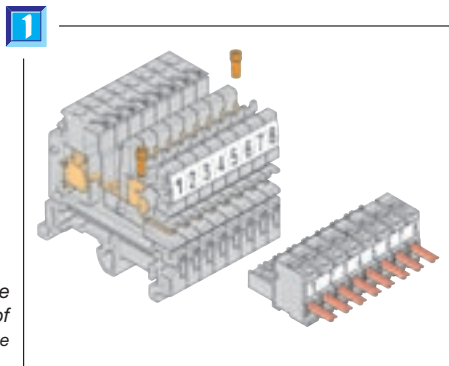
E

1

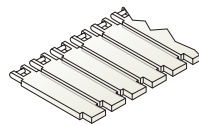
Blocking peg  
**COCF 32**



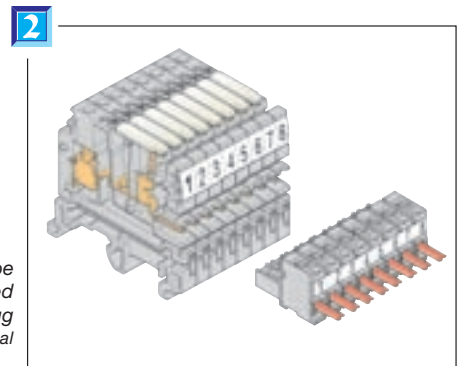
Blocking peg to be mounted on the pins of the unused output (to be ordered separately).



Detachable protection  
**CPF 5,08**



Detachable protection to be mounted on the unused connection part of the plug (supplied with the terminal block).

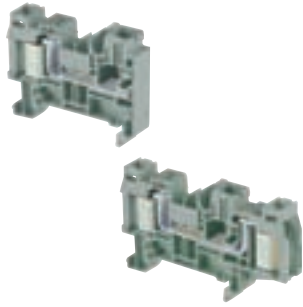


**Pluggable Terminal blocks Insulation displacement**



Feed-through 1 ADO - 1 pluggable  
2 ADO - 1 pluggable

DIN 3



|          |               |         |                    |
|----------|---------------|---------|--------------------|
| End stop | th. 10 mm     | BAM2 V0 | 1SNA 399 967 R0100 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     | 1SNA 168 700 R2200 |

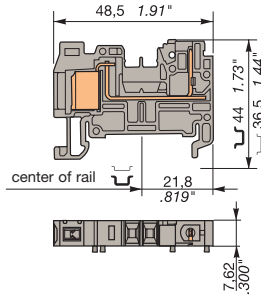
Other end stops, rails and accessories : see section on accessories.

**Notes**

Body material is UL 94 V0

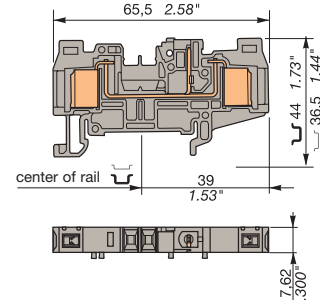
**D 1,5/7.ADO-CPE**

Spacing 7,62 mm .300"



**D 1,5/7.2ADO-CPE**

Spacing 7,62 mm .300"



| Colour | Type                                     | Part number        |
|--------|--|--------------------|
| Grey   | <input type="checkbox"/> D 1,5/7.ADO-CPE | 1SNA 290 486 R2700 |

Mating female plugs :

|                    |                    |                    |
|--------------------|--------------------|--------------------|
|                    |                    |                    |
| 1SSA 266 200 R1100 | 1SSA 267 200 R1100 | 1SSA 276 200 R1100 |

| Characteristics |                            |   |  |
|-----------------|----------------------------|---|--|
| Wire size       | IEC                        |   |  |
| ADO             | 0,34 - 1,5 mm <sup>2</sup> | 1 or 2 wires (same wire size) per ADO jaw |  |

| Voltage           |                      |              |            |
|-------------------|----------------------|--------------|------------|
| Rated             | 500 V                |              |            |
| Impulse withstand |                      |              |            |
| Pollution degree  | 3                    |              |            |
| Current           |                      |              |            |
| Rated             | 16 A                 |              |            |
| Wire size         |                      |              |            |
| Rated             | 1,5 mm <sup>2</sup>  |              |            |
| Body weight       | Metallic part weight | Total weight | Protection |
| 4,5 g             | 3,8 g                | 8,3 g        | IP 20      |
| 0.01 lb           | 0.008 lb             | 0.018 lb     | NEMA 1     |

| Characteristics |                            |   |  |
|-----------------|----------------------------|---|--|
| Wire size       | IEC                        |   |  |
| ADO             | 0,34 - 1,5 mm <sup>2</sup> | 1 or 2 wires (same wire size) per ADO jaw |  |

| Voltage           |                      |              |            |
|-------------------|----------------------|--------------|------------|
| Rated             | 500 V                |              |            |
| Impulse withstand |                      |              |            |
| Pollution degree  | 3                    |              |            |
| Current           |                      |              |            |
| Rated             | 16 A                 |              |            |
| Wire size         |                      |              |            |
| Rated             | 1,5 mm <sup>2</sup>  |              |            |
| Body weight       | Metallic part weight | Total weight | Protection |
| 5,5 g             | 6,1 g                | 11,6 g       | IP 20      |
| 0.012 lb          | 0.013 lb             | 0.025 lb     | NEMA 1     |

**Accessories**

|  |   |            |
|--|---|------------|
|  | 1 End section                           | grey beige |
|  | 2 Jumper bar                            |            |
|  | 3 6 isolation kit for jumper bar        |            |
|  | 4 Locking lever                         |            |
|  | 5 6 coding peg kit                      |            |
|  | 6 Hand tool kit                         |            |
|  | 7 Semi-automatic tool                   |            |
|  | 8 Pneumatic tool kit                    |            |
|  | 9 Replacement head kit                  |            |
|  | 10 Extraction tool kit                  |            |
|  | 11 Test connector                       |            |
|  | R See section on markers marking method |            |

| Type           | Part numbers                  | Type           | Part numbers                  |
|----------------|-------------------------------|----------------|-------------------------------|
| FECPE.ADO (1)  | th. 2,9 mm 1SNA 291 832 R1600 | FECPE.2ADO (1) | th. 2,9 mm 1SNA 291 833 R1700 |
| FECPE.ADO (1)  | th. 2,9 mm 1SNA 400 019 R0400 | FECPE.2ADO (1) | th. 2,9 mm 1SNA 400 018 R0300 |
| BJE 762.2 (1)  | 2 poles 1SNA 290 451 R0300    | BJE 762.2 (1)  | 2 poles 1SNA 290 451 R0300    |
| BJE 762.5 (1)  | 5 poles 1SNA 290 452 R0400    | BJE 762.5 (1)  | 5 poles 1SNA 290 452 R0400    |
| BJE 762.10 (1) | 10 poles 1SNA 290 453 R0500   | BJE 762.10 (1) | 10 poles 1SNA 290 453 R0500   |
| EIP            | 1SNA 290 454 R0600            | EIP            | 1SNA 290 454 R0600            |
| VRADO.CPE7 (2) | 1SNA 400 063 R0000            | VRADO.CPE7 (2) | 1SNA 400 063 R0000            |
| COCE           | 1SNA 199 321 R2100            | COCE           | 1SNA 199 321 R2100            |
| OUMAD          | 1SNA 179 466 R0600            | OUMAD          | 1SNA 179 466 R0600            |
| OUPAD          | 1SNA 178 944 R0400            | OUPAD          | 1SNA 178 944 R0400            |
| OUTAD          | 1SNA 205 710 R1100            | OUTAD          | 1SNA 205 710 R1100            |
| OUTA           | 1SNA 205 284 R0300            | OUTA           | 1SNA 205 284 R0300            |
| EXAD2          | 1SNA 205 721 R0000            | EXAD2          | 1SNA 205 721 R0000            |
| CEADO7         | 1SNA 399 347 R1300            | CEADO7         | 1SNA 399 347 R1300            |
| Strip marker   | RB-12W7 1SNA 290 455 R0700    | Strip marker   | RB-12W7 1SNA 290 455 R0700    |

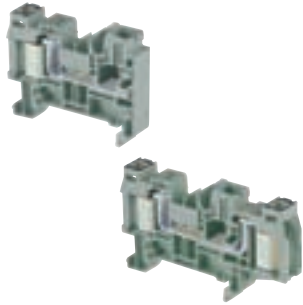
(1) Other colours, other pole numbers : on request.  
 (2) - 1 VRADO.CPE7 2 pole locking lever can safely lock a mating female plug from 2 to 6 poles.  
 - Up to 3 VRADO.CPE7 can be mounted together for single manipulation.

**Pluggable Terminal blocks Insulation displacement**



Feed-through 1 ADO - 1 pluggable  
2 ADO - 1 pluggable

DIN 3

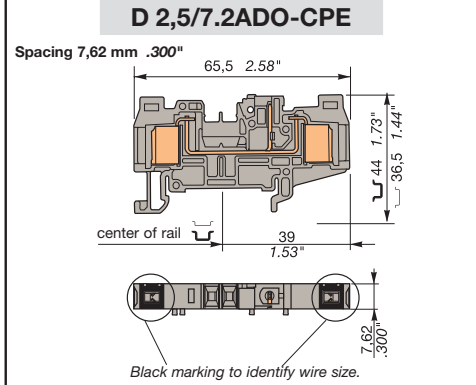
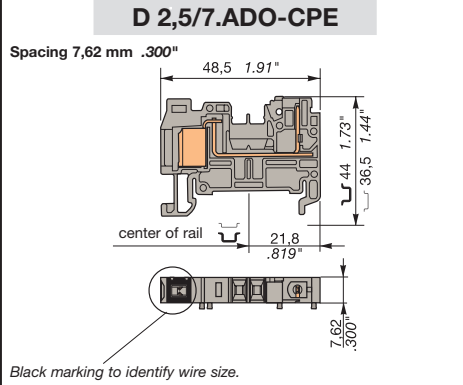


|          |               |         |                    |
|----------|---------------|---------|--------------------|
| End stop | th. 10 mm     | BAM2 V0 | 1SNA 399 967 R0100 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

**Notes**

Body material is UL 94 V0



| Colour | Type                                     | Part number        |
|--------|--|--------------------|
| Grey   | <input type="checkbox"/> D 2,5/7.ADO-CPE | 1SNA 290 483 R2400 |

Mating female plugs :

|                    |                    |                    |
|--------------------|--------------------|--------------------|
|                    |                    |                    |
| 1SSA 266 200 R1100 | 1SSA 267 200 R1100 | 1SSA 276 200 R1100 |

| Colour | Type                                      | Part number        |
|--------|---|--------------------|
| Grey   | <input type="checkbox"/> D 2,5/7.2ADO-CPE | 1SNA 290 484 R2500 |

Mating female plugs :

|                    |                    |                    |
|--------------------|--------------------|--------------------|
|                    |                    |                    |
| 1SSA 266 200 R1100 | 1SSA 267 200 R1100 | 1SSA 276 200 R1100 |

**Characteristics**

| Wire size | IEC                     |
|-----------|-------------------------|
| ADO       | 1 - 2,5 mm <sup>2</sup> |

1 or 2 wires (same wire size) per ADO jaw

**Characteristics**

| Wire size | IEC                     |
|-----------|-------------------------|
| ADO       | 1 - 2,5 mm <sup>2</sup> |

1 or 2 wires (same wire size) per ADO jaw

**Voltage**

|                   |       |
|-------------------|-------|
| Rated             | 500 V |
| Impulse withstand |       |
| Pollution degree  | 3     |

**Current**

|       |      |
|-------|------|
| Rated | 24 A |
|-------|------|

**Wire size**

|                      |                                  |
|----------------------|----------------------------------|
| Rated                | 2,5 mm <sup>2</sup>              |
| Body weight          | 4,5 g                            |
| Metallic part weight | 3,8 g                            |
| Total weight         | 8,3 g                            |
| Protection           | IP 20                            |
|                      | 0.01 lb 0.008 lb 0.018 lb NEMA 1 |

**Voltage**

|                   |       |
|-------------------|-------|
| Rated             | 500 V |
| Impulse withstand |       |
| Pollution degree  | 3     |

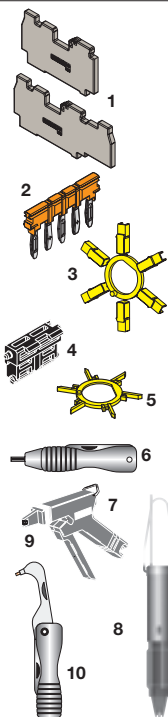
**Current**

|       |      |
|-------|------|
| Rated | 24 A |
|-------|------|

**Wire size**

|                      |                                   |
|----------------------|-----------------------------------|
| Rated                | 2,5 mm <sup>2</sup>               |
| Body weight          | 5,5 g                             |
| Metallic part weight | 6,1 g                             |
| Total weight         | 11,6 g                            |
| Protection           | IP 20                             |
|                      | 0.012 lb 0.013 lb 0.025 lb NEMA 1 |

**Accessories**



|    |                                |                |
|----|--------------------------------|----------------|
| 1  | End section                    | grey beige     |
| 2  | Jumper bar                     |                |
| 3  | 6 isolation kit for jumper bar |                |
| 4  | Locking lever                  |                |
| 5  | 6 coding peg kit               |                |
| 6  | Hand tool kit                  |                |
| 7  | Semi-automatic tool            |                |
| 8  | Pneumatic tool kit             |                |
| 9  | Replacement head kit           |                |
| 10 | Extraction tool kit            |                |
| R  | See section on markers         | marking method |

| Type           | Part numbers                  |
|----------------|-------------------------------|
| FECPE.ADO (1)  | th. 2,9 mm 1SNA 291 832 R1600 |
| FECPE.ADO (1)  | th. 2,9 mm 1SNA 400 019 R0400 |
| BJE 762.2 (1)  | 2 poles 1SNA 290 451 R0300    |
| BJE 762.5 (1)  | 5 poles 1SNA 290 452 R0400    |
| BJE 762.10 (1) | 10 poles 1SNA 290 453 R0500   |
| EIP            | 1SNA 290 454 R0600            |
| VRADO.CPE7 (2) | 1SNA 400 063 R0000            |
| COCE           | 1SNA 199 321 R2100            |
| OUMAD          | 1SNA 179 466 R0600            |
| OUPAD          | 1SNA 178 944 R0400            |
| OUTAD          | 1SNA 205 710 R1100            |
| OUTA           | 1SNA 205 284 R0300            |
| EXAD2          | 1SNA 205 721 R0000            |

| Type           | Part numbers                  |
|----------------|-------------------------------|
| FECPE.2ADO (1) | th. 2,9 mm 1SNA 291 833 R1700 |
| FECPE.2ADO (1) | th. 2,9 mm 1SNA 400 018 R0300 |
| BJE 762.2 (1)  | 2 poles 1SNA 290 451 R0300    |
| BJE 762.5 (1)  | 5 poles 1SNA 290 452 R0400    |
| BJE 762.10 (1) | 10 poles 1SNA 290 453 R0500   |
| EIP            | 1SNA 290 454 R0600            |
| VRADO.CPE7 (2) | 1SNA 400 063 R0000            |
| COCE           | 1SNA 199 321 R2100            |
| OUMAD          | 1SNA 179 466 R0600            |
| OUPAD          | 1SNA 178 944 R0400            |
| OUTAD          | 1SNA 205 710 R1100            |
| OUTA           | 1SNA 205 284 R0300            |
| EXAD2          | 1SNA 205 721 R0000            |

Strip marker RB-12W7 1SNA 290 455 R0700

(1) Other colours, other pole numbers : on request.  
(2) - 1 VRADO.CPE7 2 pole locking lever can safely lock a mating female plug from 2 to 6 poles.  
- Up to 3 VRADO.CPE7 can be mounted together for single manipulation.

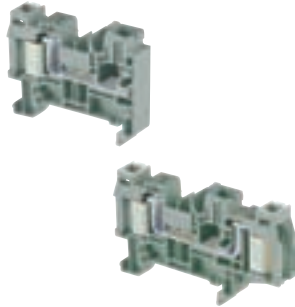
Strip marker RB-12W7 1SNA 290 455 R0700

**Pluggable Terminal blocks Insulation displacement**



Feed-through 1 ADO - 1 pluggable  
2 ADO - 1 pluggable

DIN 3



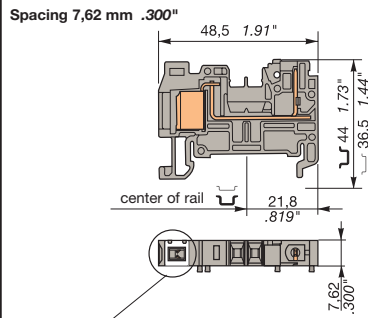
|          |               |         |                    |
|----------|---------------|---------|--------------------|
| End stop | th. 10 mm     | BAM2 V0 | 1SNA 399 967 R0100 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

**Notes**

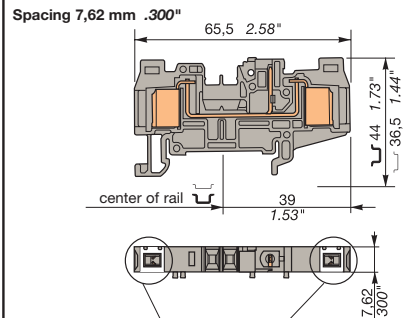
Body material is UL 94 V0

**D 4/7.ADO-CPE**



White marking to identify wire size.

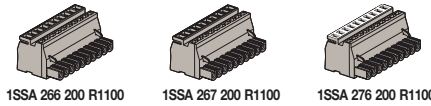
**D 4/7.2ADO-CPE**



White marking to identify wire size.

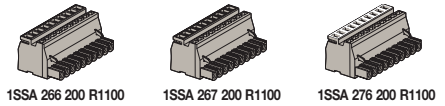
| Colour | Type                                   | Part number        |
|--------|--|--------------------|
| Grey   | <input type="checkbox"/> D 4/7.ADO-CPE | 1SNA 290 481 R2200 |

**Mating female plugs :**



| Colour | Type                                    | Part number        |
|--------|---|--------------------|
| Grey   | <input type="checkbox"/> D 4/7.2ADO-CPE | 1SNA 290 482 R2300 |

**Mating female plugs :**



**Characteristics**

| Wire size | IEC               | Part number        |
|-----------|-------------------|--------------------|
| ADO       | 4 mm <sup>2</sup> | 1 wire per ADO jaw |

**Characteristics**

| Wire size | IEC               | Part number        |
|-----------|-------------------|--------------------|
| ADO       | 4 mm <sup>2</sup> | 1 wire per ADO jaw |

**Voltage**

|                   |       |  |
|-------------------|-------|--|
| Rated             | 500 V |  |
| Impulse withstand |       |  |
| Pollution degree  | 3     |  |

**Voltage**

|                   |       |  |
|-------------------|-------|--|
| Rated             | 500 V |  |
| Impulse withstand |       |  |
| Pollution degree  | 3     |  |

**Current**

|       |      |  |
|-------|------|--|
| Rated | 24 A |  |
|-------|------|--|

**Current**

|       |      |  |
|-------|------|--|
| Rated | 24 A |  |
|-------|------|--|

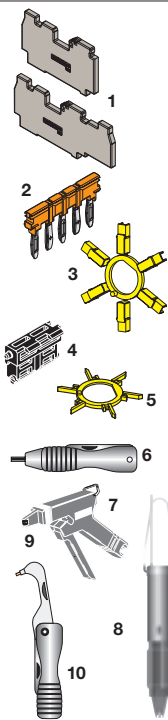
**Wire size**

| Rated             | Body weight | Metallic part weight | Total weight | Protection |
|-------------------|-------------|----------------------|--------------|------------|
| 4 mm <sup>2</sup> | 4,5 g       | 3,8 g                | 8,3 g        | IP 20      |
|                   | 0.01 lb     | 0.008 lb             | 0.018 lb     | NEMA 1     |

**Wire size**

| Rated             | Body weight | Metallic part weight | Total weight | Protection |
|-------------------|-------------|----------------------|--------------|------------|
| 4 mm <sup>2</sup> | 5,5 g       | 6,1 g                | 11,6 g       | IP 20      |
|                   | 0.012 lb    | 0.013 lb             | 0.025 lb     | NEMA 1     |

**Accessories**



| Type                             | Part numbers  |
|----------------------------------|---------------|
| 1 End section                    | grey<br>beige |
| 2 Jumper bar                     |               |
| 3 6 isolation kit for jumper bar |               |
| 4 Locking lever                  |               |
| 5 6 coding peg kit               |               |
| 6 Hand tool kit                  |               |
| 7 Semi-automatic tool            |               |
| 8 Pneumatic tool kit             |               |
| 9 Replacement head kit           |               |
| 10 Extraction tool kit           |               |

| Type           | Part numbers                  |
|----------------|-------------------------------|
| FECPE.ADO (1)  | th. 2,9 mm 1SNA 291 832 R1600 |
| FECPE.ADO (1)  | th. 2,9 mm 1SNA 400 019 R0400 |
| BJE 762.2 (1)  | 2 poles 1SNA 290 451 R0300    |
| BJE 762.5 (1)  | 5 poles 1SNA 290 452 R0400    |
| BJE 762.10 (1) | 10 poles 1SNA 290 453 R0500   |
| EIP            | 1SNA 290 454 R0600            |
| VRADO.CPE7 (2) | 1SNA 400 063 R0000            |
| COCE           | 1SNA 199 321 R2100            |
| OUMAD          | 1SNA 179 466 R0600            |
| OUPAD          | 1SNA 178 944 R0400            |
| OUTAD          | 1SNA 205 710 R1100            |
| OUTA           | 1SNA 205 284 R0300            |
| EXAD2          | 1SNA 205 721 R0000            |

| Type           | Part numbers                  |
|----------------|-------------------------------|
| FECPE.2ADO (1) | th. 2,9 mm 1SNA 291 833 R1700 |
| FECPE.2ADO (1) | th. 2,9 mm 1SNA 400 018 R0300 |
| BJE 762.2 (1)  | 2 poles 1SNA 290 451 R0300    |
| BJE 762.5 (1)  | 5 poles 1SNA 290 452 R0400    |
| BJE 762.10 (1) | 10 poles 1SNA 290 453 R0500   |
| EIP            | 1SNA 290 454 R0600            |
| VRADO.CPE7 (2) | 1SNA 400 063 R0000            |
| COCE           | 1SNA 199 321 R2100            |
| OUMAD          | 1SNA 179 466 R0600            |
| OUPAD          | 1SNA 178 944 R0400            |
| OUTAD          | 1SNA 205 710 R1100            |
| OUTA           | 1SNA 205 284 R0300            |
| EXAD2          | 1SNA 205 721 R0000            |

R See section on markers marking method

Strip marker RB-12W7 1SNA 290 455 R0700

Strip marker RB-12W7 1SNA 290 455 R0700

(1) Other colours, other pole numbers : on request.  
(2) - 1 VRADO.CPE7 2 pole locking lever can safely lock a mating female plug from 2 to 6 poles.  
- Up to 3 VRADO.CPE7 can be mounted together for single manipulation.



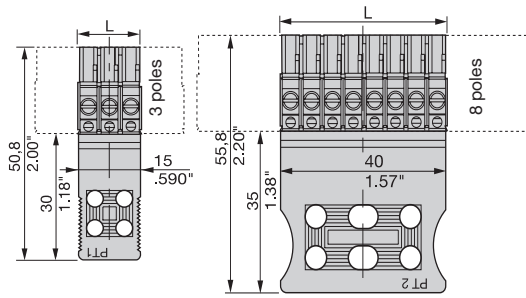
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## Notes

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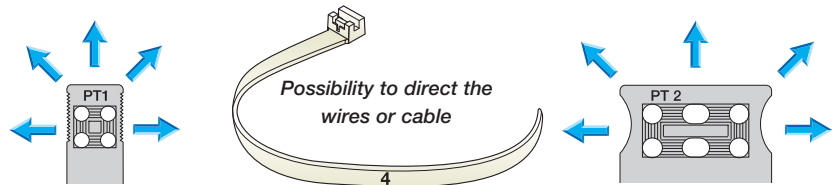
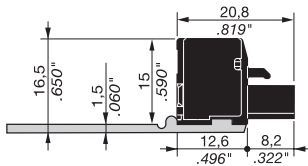
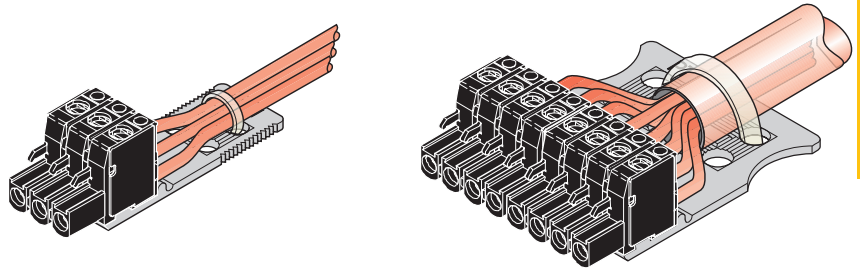


### Cable clamp plugs PT1 and PT2



PT1 cable clamp plug  
3 poles mounted on CPFT2 plug

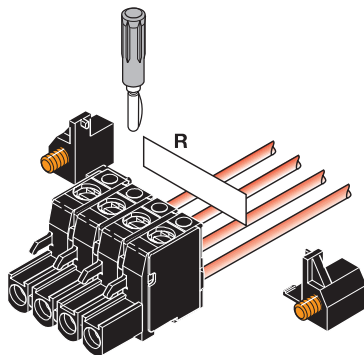
PT2 cable clamp plug  
8 poles mounted on CPFT2 plug



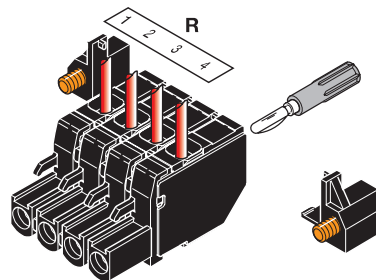
Pre-mounted cable clamp plugs : please consult us for detailed part numbers (2 to 16 poles)

### Types

CPFT2 / ...  
CPFT2 / L- ...  
CPFT2 / L- ... / MT

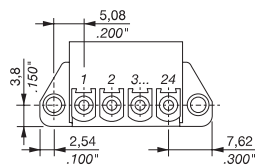


CPFT2 / R-...

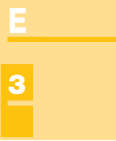


### Mounting patterns

With flanges **BCPF** type



Note : A 3,5 mm dia. screwdriver must be used for the flanges.



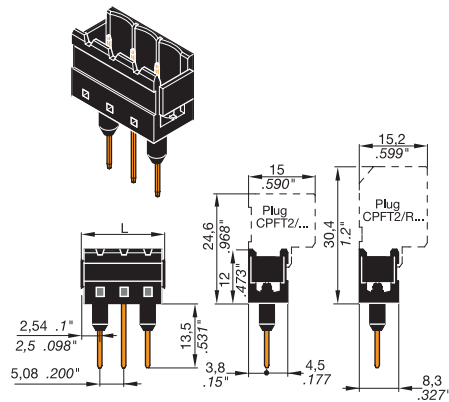
### Pluggable terminal blocks

Adapter for pluggable connection between spring terminal blocks and screw clamp plugs CPFT2/... or spring plugs CPFT2/L....

- Sockets for assembly on DIN 3 spring blocks and on spring mini-blocks (see summary pages for terminal blocks, spacing 5 mm).
- Enable simple unpluggable functions at both terminal input and output. They can be configured during the final phase of installation.
- a plug fitted with BCPF flanges can be locked onto CPET/... VFP/L sockets.

Efficient system of coding and double polarization at 180.

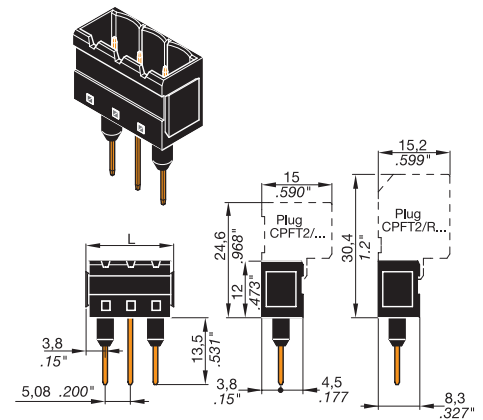
### CPET / ...VFC / L Vertical open sockets without loss of spacing



| Number of poles                    | Type            | Part number        | L. mm |
|------------------------------------|-----------------|--------------------|-------|
| <b>Spacing 5,08 mm .200" black</b> |                 |                    |       |
| 2                                  | CPET / 2VFC / L | 1SNA 094 569 R2400 | 10,16 |
| 3                                  | CPET / 3VFC / L | 1SNA 094 570 R2100 | 15,24 |
| 4                                  | CPET / 4VFC / L | 1SNA 094 575 R1200 | 20,32 |
| 5                                  | CPET / 5VFC / L | 1SNA 094 576 R1300 | 25,40 |
| 6                                  | CPET / 6VFC / L | 1SNA 094 577 R1400 | 30,48 |
| 7                                  | CPET / 7VFC / L | 1SNA 094 578 R2500 | 35,56 |
| 8                                  | CPET / 8VFC / L | 1SNA 094 579 R2600 | 40,64 |

For other pole numbers, please consult us.

### CPET/ ...VF/L Vertical closed sockets



| Number of poles                    | Type         | Part number        | L. mm |
|------------------------------------|--------------|--------------------|-------|
| <b>Spacing 5,08 mm .200" black</b> |              |                    |       |
| 2                                  | CPET / 2VF/L | 1SNA 094 326 R1000 | 12,68 |
| 3                                  | CPET / 3VF/L | 1SNA 094 327 R1100 | 17,76 |
| 4                                  | CPET / 4VF/L | 1SNA 094 328 R2200 | 22,84 |
| 5                                  | CPET / 5VF/L | 1SNA 094 329 R2300 | 27,92 |
| 6                                  | CPET / 6VF/L | 1SNA 094 330 R2000 | 33,00 |
| 7                                  | CPET / 7VF/L | 1SNA 094 331 R1500 | 38,08 |
| 8                                  | CPET / 8VF/L | 1SNA 094 343 R2100 | 43,16 |

For other pole numbers, please consult us.

E

3

Body UL94 V0

### Characteristics

#### Wire size

|           | IEC | UL | CSA |
|-----------|-----|----|-----|
| Rigid*    |     |    |     |
| Flexible* |     |    |     |

#### Voltage

| V |  |  |  |
|---|--|--|--|
|   |  |  |  |

#### Current

| A |  |  |  |
|---|--|--|--|
|   |  |  |  |

#### Rated wire size



### Other characteristics

| Wire stripping length | Recommended screwdriver | Recommended torque | Protection |
|-----------------------|-------------------------|--------------------|------------|
|                       |                         |                    |            |

### Approvals

### Accessories

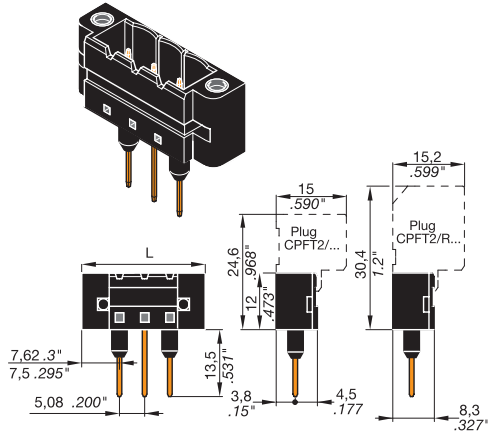
|   |                          |         |  |
|---|--------------------------|---------|--|
| 1 | 6 coding peg kit         |         |  |
| 2 | Plug insertion comb tool | 2 poles |  |
|   |                          | 3 poles |  |
|   |                          | 4 poles |  |
|   |                          | 5 poles |  |
|   |                          | 6 poles |  |
|   |                          | 7 poles |  |
|   |                          | 8 poles |  |

| Type | Part number        | P/N black | P/N grey | Type | Part number        | P/N black | P/N grey |
|------|--------------------|-----------|----------|------|--------------------|-----------|----------|
| COPE | 1SNA 199 322 R2200 |           |          | COPE | 1SNA 199 322 R2200 |           |          |
|      | 1SNA 299 982 R2500 |           |          |      | 1SNA 299 982 R2500 |           |          |
|      | 1SNA 299 983 R2600 |           |          |      | 1SNA 299 983 R2600 |           |          |
|      | 1SNA 299 984 R2700 |           |          |      | 1SNA 299 984 R2700 |           |          |
|      | 1SNA 299 985 R2000 |           |          |      | 1SNA 299 985 R2000 |           |          |
|      | 1SNA 299 986 R2100 |           |          |      | 1SNA 299 986 R2100 |           |          |
|      | 1SNA 299 987 R2200 |           |          |      | 1SNA 299 987 R2200 |           |          |
|      | 1SNA 299 988 R0300 |           |          |      | 1SNA 299 988 R0300 |           |          |



### CPET/ ...VFP/L

#### Vertical sockets with built in flanges



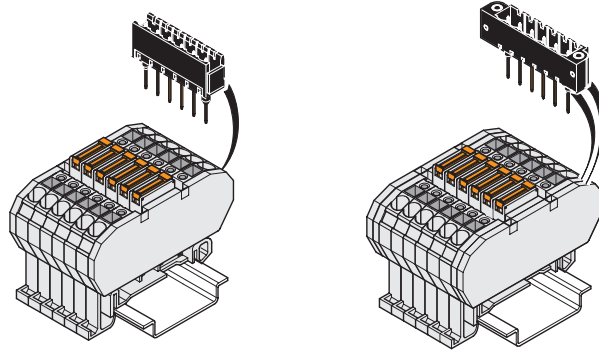
| Number of poles | Type | Part number | L, mm |
|-----------------|------|-------------|-------|
|-----------------|------|-------------|-------|

#### Spacing 5,08 mm .200" black body

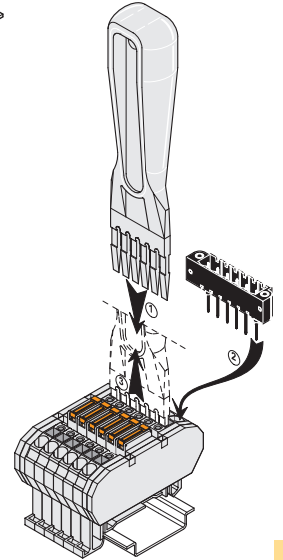
|   |              |                    |       |
|---|--------------|--------------------|-------|
| 2 | CPET/ 2VFP/L | 1SNA 094 728 R2300 | 20,32 |
| 3 | CPET/ 3VFP/L | 1SNA 094 729 R2400 | 25,40 |
| 4 | CPET/ 4VFP/L | 1SNA 094 730 R2100 | 30,48 |
| 5 | CPET/ 5VFP/L | 1SNA 094 731 R1600 | 35,56 |
| 6 | CPET/ 6VFP/L | 1SNA 094 743 R2200 | 40,64 |
| 7 | CPET/ 7VFP/L | 1SNA 094 744 R2300 | 45,72 |
| 8 | CPET/ 8VFP/L | 1SNA 094 745 R2400 | 50,80 |

### Plug insertion comb tool

Place 1 or 2 end sections (as per the type of socket used) between each socket, or place a terminal block whose socket-side connection will not be used.

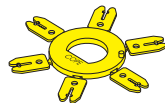


Tool for installing sockets in terminal blocks.

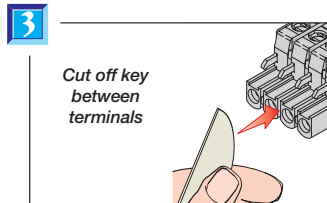
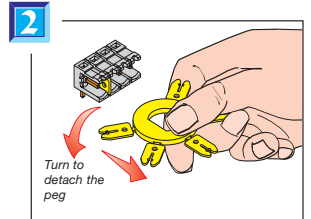
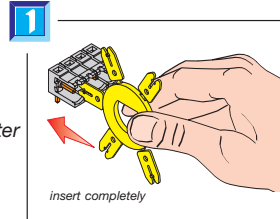


Socket installation.

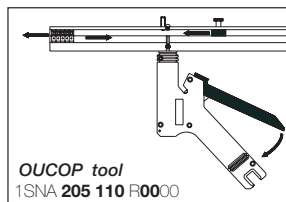
### 6 coding peg kit COPE



COPE to be mounted on adapter CPET/...VFP/L CPET/...VFIL or CPET/...VFC/L

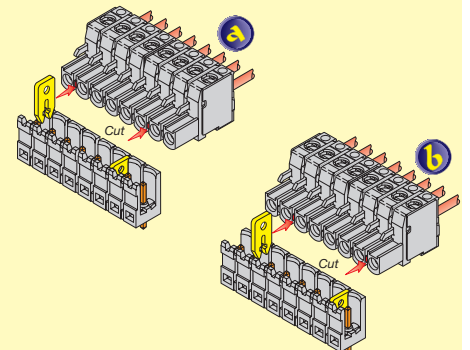


Cutting to be done with a cutter or with the OUCOP tool  
1SNA 205 110 R0000



OUCOP tool  
1SNA 205 110 R0000

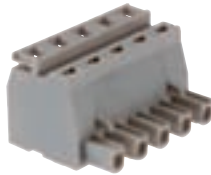
### CODING EXAMPLES



The plug of drawing (a) cannot be mounted on the socket (drawing (b)) and vice versa

| Type | Part number        | P/N black | P/N grey |
|------|--------------------|-----------|----------|
| COPE | 1SNA 199 322 R2200 |           |          |
|      | 1SNA 299 982 R2500 |           |          |
|      | 1SNA 299 983 R2600 |           |          |
|      | 1SNA 299 984 R2700 |           |          |
|      | 1SNA 299 985 R2000 |           |          |
|      | 1SNA 299 986 R2100 |           |          |
|      | 1SNA 299 987 R2200 |           |          |
|      | 1SNA 299 988 R0300 |           |          |

**Pluggable terminal blocks**  
**Insulation displacement**  
**Female plugs**



Body UL94 V0

**Characteristics**

| Wire size |  | IEC                          | UL/CSA |
|-----------|--|------------------------------|--------|
| Rigid     |  | 0,34 - 1,5 mm <sup>2</sup> * |        |
| Flexible  |  | 0,34 - 1,5 mm <sup>2</sup> * |        |

\*1 or 2 wires (same wire size) per ADO jaw

| Voltage |     |
|---------|-----|
| V ~     | 500 |
| V =     | 500 |

| Current at 20° C |    |
|------------------|----|
| A                | 16 |

| Rated wire size |                     |
|-----------------|---------------------|
|                 | 1,5 mm <sup>2</sup> |

**Other characteristics**

| Pollution degree | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection      |
|------------------|-----------------------|---------------------|----------------|-----------------|
| 3                |                       |                     |                | IP 20<br>NEMA 1 |

Max. working temperature : 100 °C  
 Insulation resistance : ≥ 100 MΩ

**Approvals**

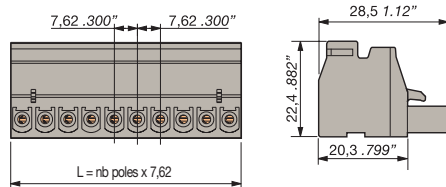
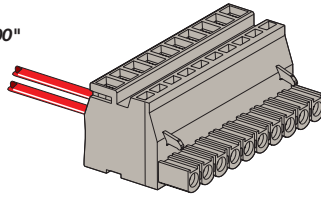
**Accessories**

|   |                     |                |
|---|---------------------|----------------|
| 1 | 6 coding peg kit    |                |
| 2 | Cable clamp plug    | black, 3 poles |
| 3 | Cable clamp plug    | black, 8 poles |
| 4 | Manual tool         |                |
| 5 | Semi-automatic tool |                |
| 6 | Pneumatic tool      |                |
| 7 | DIN 3 foot (1)      | black          |
| 8 | DIN 2 foot (1)      | black          |
| 9 | Strip marking       |                |

**L 266 200 11**

Female plugs

Spacing 7.62 mm .300"



Part number

Spacing 7.62 mm Grey body

N. Poles 2 to 24 poles

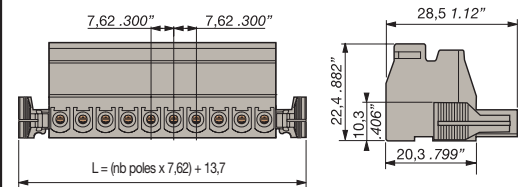
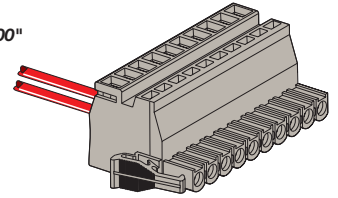
|    |                    |       |
|----|--------------------|-------|
| 2  | 1SSA 266 202 R1100 | 15.24 |
| 3  | 1SSA 266 203 R1100 | 22.86 |
| 4  | 1SSA 266 204 R1100 | 30.48 |
| 5  | 1SSA 266 205 R1100 | 38.10 |
| 6  | 1SSA 266 206 R1100 | 45.72 |
| 10 | 1SSA 266 210 R1100 | 76.20 |

Consult us for pole numbers :  
 7, 8, 9 and more than 10

**L 266 200 21**

Female plugs with brackets

Spacing 7.62 mm .300"



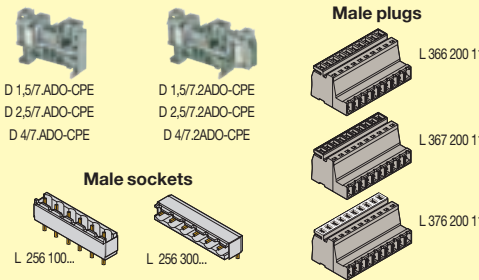
Part number

Spacing 7.62 mm Grey body

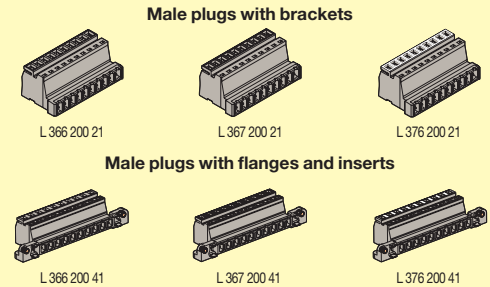
N. Poles 2 to 24 poles

Consult us

**Compatible products :**



**Compatible products :**



| Type        | Part number        | Type        | Part number        |
|-------------|--------------------|-------------|--------------------|
| COCF        | 1SNA 199 320 R0400 | COCF        | 1SNA 199 320 R0400 |
| PT1 7,62 mm | 1SSS 299 253 R2200 | PT1 7,62 mm | 1SSS 299 253 R2200 |
| PT2 7,62 mm | 1SSS 299 254 R2200 | PT2 7,62 mm | 1SSS 299 254 R2200 |
| OUMAD       | 1SNA 179 466 R0600 | OUMAD       | 1SNA 179 466 R0600 |
| OUPAD       | 1SNA 178 944 R0400 | OUPAD       | 1SNA 178 944 R0400 |
| OUTAD       | 1SNA 205 710 R1100 | OUTAD       | 1SNA 205 710 R1100 |
|             | 1SSS 299 190 R2200 |             | 1SSS 299 190 R2200 |
|             | 1SSS 299 191 R2200 |             | 1SSS 299 191 R2200 |
| RB-12W7     | 1SNA 290 455 R0700 | RB-12W7     | 1SNA 290 455 R0700 |

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

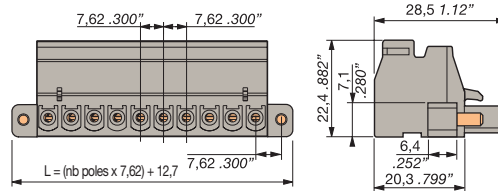
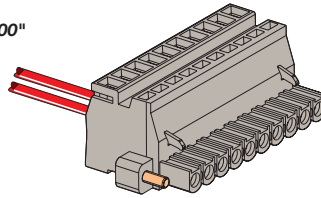
**Pluggable terminal blocks**  
**Insulation displacement**  
**Female plugs**



**L 266 200 31**

Female plugs with flanges and screws

Spacing 7.62 mm .300"



Part number

Part number

Spacing 7.62 mm Grey body  
 N. Poles 2 to 24 poles

**Consult us**

Body UL94 V0

**Characteristics**

**Wire size**

|          | IEC                          | UL/CSA |
|----------|------------------------------|--------|
| Rigid    | 0,34 - 1,5 mm <sup>2</sup> * |        |
| Flexible | 0,34 - 1,5 mm <sup>2</sup> * |        |

\*1 or 2 wires (same wire size) per ADO jaw

**Voltage**

| V | ~   | =   |
|---|-----|-----|
|   | 500 |     |
|   |     | 500 |

**Current at 20° C**

| A |    |
|---|----|
|   | 16 |

**Rated wire size**

|  |                     |
|--|---------------------|
|  | 1,5 mm <sup>2</sup> |
|--|---------------------|

**Other characteristics**

| Pollution degree | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection      |
|------------------|-----------------------|---------------------|----------------|-----------------|
| 3                |                       |                     |                | IP 20<br>NEMA 1 |

Max. working temperature : 100 °C  
 Insulation resistance : ≥ 100 MΩ

**Approvals**

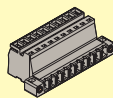


**Accessories**

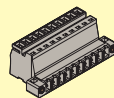
|   |                     |                |
|---|---------------------|----------------|
| 1 | 6 coding peg kit    |                |
| 2 | Cable clamp plug    | black, 3 poles |
| 3 | Cable clamp plug    | black, 8 poles |
| 4 | Manual tool         |                |
| 5 | Semi-automatic tool |                |
| 6 | Pneumatic tool      |                |
| 7 | DIN 3 foot (1)      | black          |
| 8 | DIN 2 foot (1)      | black          |
| 9 | Strip marking       |                |

**Compatible products :**

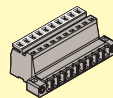
Male plugs with flanges and inserts



L 366 200 31



L 367 200 31



L 376 200 31

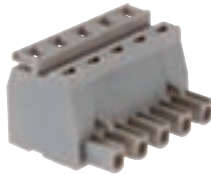
| Type    | Part number                | Type | Part number |
|---------|----------------------------|------|-------------|
| COCF    | 1SNA 199 320 R0400         |      |             |
| PT1     | 7,62 mm 1SSS 299 253 R2200 |      |             |
| PT2     | 7,62 mm 1SSS 299 254 R2200 |      |             |
| OUMAD   | 1SNA 179 466 R0600         |      |             |
| OUPAD   | 1SNA 178 944 R0400         |      |             |
| OUTAD   | 1SNA 205 710 R1100         |      |             |
|         | 1SSS 299 190 R2200         |      |             |
|         | 1SSS 299 191 R2200         |      |             |
| RB-12W7 | 1SNA 290 455 R0700         |      |             |

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

E

4

**Pluggable terminal blocks**  
**Insulation displacement**  
**Female plugs**



Body UL94 V0

**Characteristics**

| Wire size                                  |   | IEC                      | UL/CSA |
|--|---|--------------------------|--------|
| Rigid                                      |   | 1 - 2,5 mm <sup>2*</sup> |        |
| Flexible                                   |   | 1 - 2,5 mm <sup>2*</sup> |        |
| *1 or 2 wires (same wire size) per ADO jaw |   |                          |        |
| Voltage                                    |   |                          |        |
| V  | ~ | 500                      |        |
|  | = | 500                      |        |
| Current at 20° C                           |   |                          |        |
| A  |   | 24                       |        |
| Rated wire size                            |   |                          |        |
|  |   | 2,5 mm <sup>2</sup>      |        |

**Other characteristics**

| Pollution degree           | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection      |
|----------------------------|-----------------------|---------------------|----------------|-----------------|
| 3                          |                       |                     |                | IP 20<br>NEMA 1 |
| Max. working temperature : |                       |                     |                | 100 °C          |
| Insulation resistance :    |                       |                     |                | ≥ 100 MΩ        |

**Approvals**

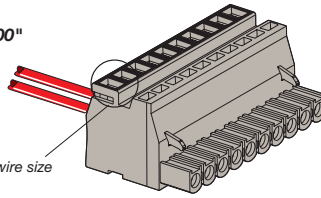
**Accessories**

|   |                     |                |
|---|---------------------|----------------|
| 1 | 6 coding peg kit    |                |
| 2 | Cable clamp plug    | black, 3 poles |
| 3 | Cable clamp plug    | black, 8 poles |
| 4 | Manual tool         |                |
| 5 | Semi-automatic tool |                |
| 6 | Pneumatic tool      |                |
| 7 | DIN 3 foot (1)      | black          |
| 8 | DIN 2 foot (1)      | black          |
| 9 | Strip marking       |                |

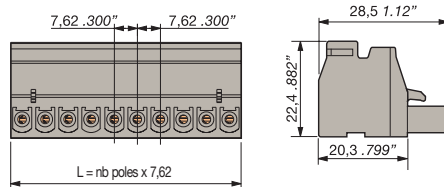
**L 267 200 11**

Female plugs

Spacing 7.62 mm .300"



Black marking to identify wire size range 1-2,5 mm<sup>2</sup>



Part number

Spacing 7.62 mm Grey body

N. Poles 2 to 24 poles

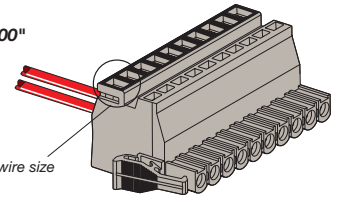
|    |                    |       |
|----|--------------------|-------|
| 2  | 1SSA 267 202 R1100 | 15.24 |
| 3  | 1SSA 267 203 R1100 | 22.86 |
| 4  | 1SSA 267 204 R1100 | 30.48 |
| 5  | 1SSA 267 205 R1100 | 38.10 |
| 6  | 1SSA 267 206 R1100 | 45.72 |
| 10 | 1SSA 267 210 R1100 | 76.20 |

Consult us for pole numbers :  
 7, 8, 9 and more than 10

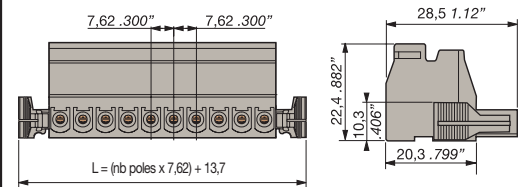
**L 267 200 21**

Female plugs with brackets

Spacing 7.62 mm .300"



Black marking to identify wire size range 1-2,5 mm<sup>2</sup>



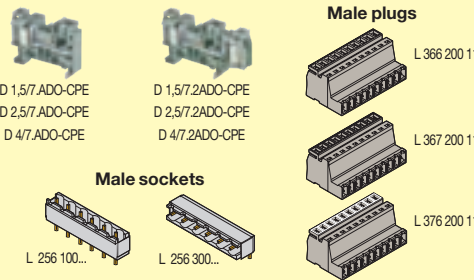
Part number

Spacing 7.62 mm Grey body

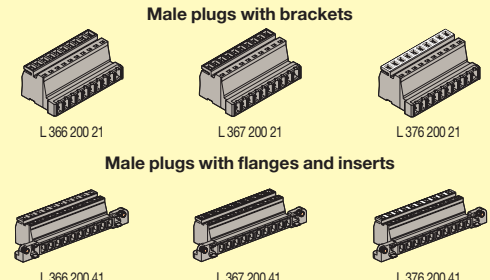
N. Poles 2 to 24 poles

Consult us

**Compatible products :**



**Compatible products :**



| Type        | Part number        | Type        | Part number        |
|-------------|--------------------|-------------|--------------------|
| COCF        | 1SNA 199 320 R0400 | COCF        | 1SNA 199 320 R0400 |
| PT1 7,62 mm | 1SSS 299 253 R2200 | PT1 7,62 mm | 1SSS 299 253 R2200 |
| PT2 7,62 mm | 1SSS 299 254 R2200 | PT2 7,62 mm | 1SSS 299 254 R2200 |
| OUMAD       | 1SNA 179 466 R0600 | OUMAD       | 1SNA 179 466 R0600 |
| OUPAD       | 1SNA 178 944 R0400 | OUPAD       | 1SNA 178 944 R0400 |
| OUTAD       | 1SNA 205 710 R1100 | OUTAD       | 1SNA 205 710 R1100 |
|             | 1SSS 299 190 R2200 |             | 1SSS 299 190 R2200 |
|             | 1SSS 299 191 R2200 |             | 1SSS 299 191 R2200 |
| RB-12W7     | 1SNA 290 455 R0700 | RB-12W7     | 1SNA 290 455 R0700 |

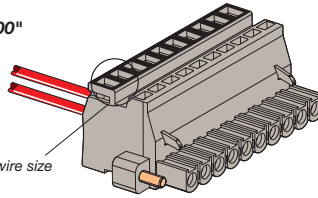
(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

**Pluggable terminal blocks**  
**Insulation displacement**  
**Female plugs**

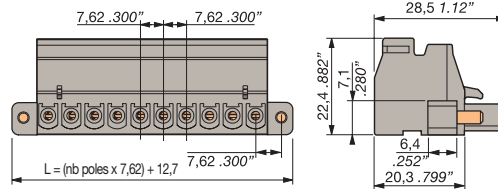


**L 267 200 31**  
**Female plugs with flanges and screws**

Spacing 7.62 mm .300"



Black marking to identify wire size range 1-2,5 mm<sup>2</sup>



Body UL94 V0

**Characteristics**

| Wire size                                  |   | IEC                       | UL/CSA |
|--|---|---------------------------|--------|
| Rigid                                      |   | 1 - 2,5 mm <sup>2</sup> * |        |
| Flexible                                   |   | 1 - 2,5 mm <sup>2</sup> * |        |
| *1 or 2 wires (same wire size) per ADO jaw |   |                           |        |
| Voltage                                    |   |                           |        |
| V  | ~ | 500                       |        |
|  | = | 500                       |        |
| Current at 20° C                           |   |                           |        |
| A  |   | 24                        |        |
| Rated wire size                            |   |                           |        |
|  |   | 2,5 mm <sup>2</sup>       |        |

**Other characteristics**

| Pollution degree           | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection      |
|----------------------------|-----------------------|---------------------|----------------|-----------------|
| 3                          |                       |                     |                | IP 20<br>NEMA 1 |
| Max. working temperature : |                       |                     |                | 100 °C          |
| Insulation resistance :    |                       |                     |                | ≥ 100 MΩ        |

**Approvals**



**Accessories**

|   |                     |                |
|---|---------------------|----------------|
| 1 | 6 coding peg kit    |                |
| 2 | Cable clamp plug    | black, 3 poles |
| 3 | Cable clamp plug    | black, 8 poles |
| 4 | Manual tool         |                |
| 5 | Semi-automatic tool |                |
| 6 | Pneumatic tool      |                |
| 7 | DIN 3 foot (1)      | black          |
| 8 | DIN 2 foot (1)      | black          |
| 9 | Strip marking       |                |

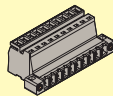
| Part number | Part number |
|-------------|-------------|
|-------------|-------------|

Spacing 7.62 mm Grey body  
 N. Poles 2 to 24 poles

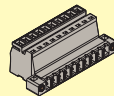
**Consult us**

**Compatible products :**

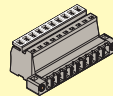
**Male plugs with flanges and inserts**



L 366 200 31



L 367 200 31



L 376 200 31

| Type | Part number | Type | Part number |
|------|-------------|------|-------------|
|------|-------------|------|-------------|

|             |                    |  |  |
|-------------|--------------------|--|--|
| COCF        | 1SNA 199 320 R0400 |  |  |
| PT1 7,62 mm | 1SSS 299 253 R2200 |  |  |
| PT2 7,62 mm | 1SSS 299 254 R2200 |  |  |
| OUMAD       | 1SNA 179 466 R0600 |  |  |
| OUPAD       | 1SNA 178 944 R0400 |  |  |
| OUTAD       | 1SNA 205 710 R1100 |  |  |
|             | 1SSS 299 190 R2200 |  |  |
|             | 1SSS 299 191 R2200 |  |  |
| RB-12W7     | 1SNA 290 455 R0700 |  |  |

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

E

4

**Pluggable terminal blocks**  
**Insulation displacement**  
**Female plugs**



Body UL94 V0

**Characteristics**

| Wire size           |   | IEC                 | UL/CSA |
|---------------------|---|---------------------|--------|
| Rigid               |   | 4 mm <sup>2</sup> * |        |
| Flexible            |   | 4 mm <sup>2</sup> * |        |
| *1 wire per ADO jaw |   |                     |        |
| Voltage             |   |                     |        |
| V                   | ~ | 500                 |        |
|                     | = | 500                 |        |
| Current at 20° C    |   |                     |        |
| A                   |   | 24                  |        |
| Rated wire size     |   |                     |        |
|                     |   | 4 mm <sup>2</sup>   |        |

**Other characteristics**

| Pollution degree           | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection      |
|----------------------------|-----------------------|---------------------|----------------|-----------------|
| 3                          |                       |                     |                | IP 20<br>NEMA 1 |
| Max. working temperature : |                       |                     |                | 100 °C          |
| Insulation resistance :    |                       |                     |                | ≥ 100 MΩ        |

**Approvals**

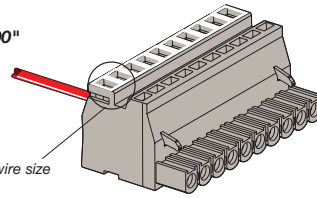
**Accessories**

|   |                     |                |
|---|---------------------|----------------|
| 1 | 6 coding peg kit    |                |
| 2 | Cable clamp plug    | black, 3 poles |
| 3 | Cable clamp plug    | black, 8 poles |
| 4 | Manual tool         |                |
| 5 | Semi-automatic tool |                |
| 6 | Pneumatic tool      |                |
| 7 | DIN 3 foot (1)      | black          |
| 8 | DIN 2 foot (1)      | black          |
| 9 | Strip marking       |                |

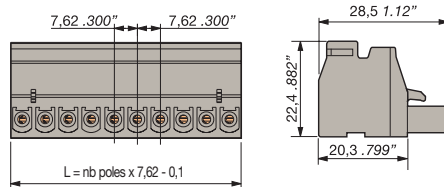
**L 276 200 11**

Female plugs

Spacing 7.62 mm .300"



White marking to identify wire size  
4 mm<sup>2</sup>



Part number

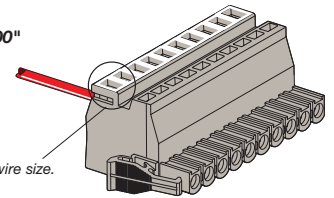
| Spacing 7.62 mm | Grey body          | N. Poles | 2 to 24 poles |
|-----------------|--------------------|----------|---------------|
| 2               | 1SSA 276 202 R1100 |          | 15.24         |
| 3               | 1SSA 276 203 R1100 |          | 22.86         |
| 4               | 1SSA 276 204 R1100 |          | 30.48         |
| 5               | 1SSA 276 205 R1100 |          | 38.10         |
| 6               | 1SSA 276 206 R1100 |          | 45.72         |

Consult us for pole numbers above 6

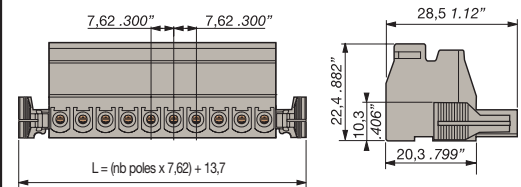
**L 276 200 21**

Female plugs with brackets

Spacing 7.62 mm .300"



White marking to identify wire size.

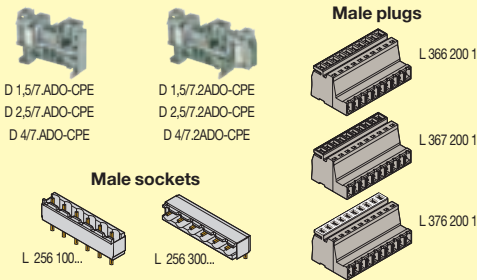


Part number

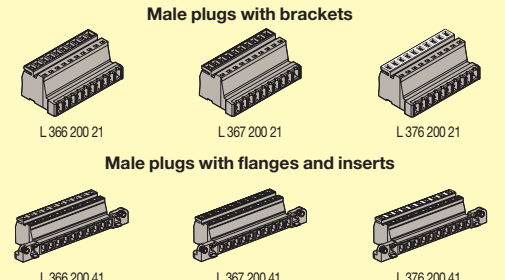
| Spacing 7.62 mm | Grey body | N. Poles | 2 to 24 poles |
|-----------------|-----------|----------|---------------|
|-----------------|-----------|----------|---------------|

Consult us

**Compatible products :**



**Compatible products :**



| Type        | Part number        | Type        | Part number        |
|-------------|--------------------|-------------|--------------------|
| COCF        | 1SNA 199 320 R0400 | COCF        | 1SNA 199 320 R0400 |
| PT1 7,62 mm | 1SSS 299 253 R2200 | PT1 7,62 mm | 1SSS 299 253 R2200 |
| PT2 7,62 mm | 1SSS 299 254 R2200 | PT2 7,62 mm | 1SSS 299 254 R2200 |
| OUMAD       | 1SNA 179 466 R0600 | OUMAD       | 1SNA 179 466 R0600 |
| OUPAD       | 1SNA 178 944 R0400 | OUPAD       | 1SNA 178 944 R0400 |
| OUTAD       | 1SNA 205 710 R1100 | OUTAD       | 1SNA 205 710 R1100 |
|             | 1SSS 299 190 R2200 |             | 1SSS 299 190 R2200 |
|             | 1SSS 299 191 R2200 |             | 1SSS 299 191 R2200 |
| RB-12W7     | 1SNA 290 455 R0700 | RB-12W7     | 1SNA 290 455 R0700 |

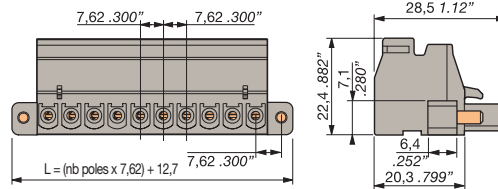
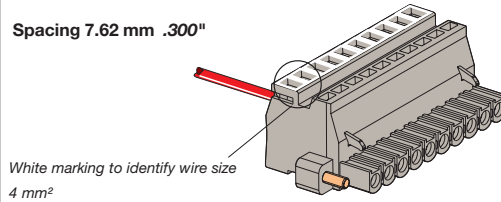
(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

**Pluggable terminal blocks**  
**Insulation displacement**  
**Female plugs**



**L 276 200 31**  
**Female plugs with flanges and screws**

Spacing 7.62 mm .300"



Body UL94 V0

**Characteristics**

| Wire size           |         | UL/CSA |
|---------------------|---------|--------|
| Rigid               | 4 mm² * |        |
| Flexible            | 4 mm² * |        |
| *1 wire per ADO jaw |         |        |
| Voltage             |         |        |
| V                   | ~ 500   |        |
|                     | = 500   |        |
| Current at 20° C    |         |        |
| A                   | 24      |        |
| Rated wire size     |         |        |
|                     | 4 mm²   |        |

**Other characteristics**

| Pollution degree           | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection      |
|----------------------------|-----------------------|---------------------|----------------|-----------------|
| 3                          |                       |                     |                | IP 20<br>NEMA 1 |
| Max. working temperature : |                       |                     |                | 100 °C          |
| Insulation resistance :    |                       |                     |                | ≥ 100 MΩ        |

**Approvals**

**Accessories**

|   |                     |                |
|---|---------------------|----------------|
| 1 | 6 coding peg kit    |                |
| 2 | Cable clamp plug    | black, 3 poles |
| 3 | Cable clamp plug    | black, 8 poles |
| 4 | Manual tool         |                |
| 5 | Semi-automatic tool |                |
| 6 | Pneumatic tool      |                |
| 7 | DIN 3 foot (1)      | black          |
| 8 | DIN 2 foot (1)      | black          |
| 9 | Strip marking       |                |

Part number

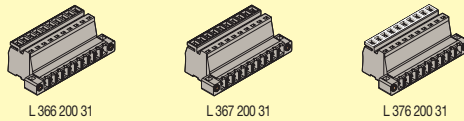
Part number

Spacing 7.62 mm Grey body  
 N. Poles 2 to 24 poles

**Consult us**

**Compatible products :**

Male plugs with flanges and inserts



CE

CE

| Type        | Part number        | Type | Part number |
|-------------|--------------------|------|-------------|
| COCF        | 1SNA 199 320 R0400 |      |             |
| PT1 7,62 mm | 1SSS 299 253 R2200 |      |             |
| PT2 7,62 mm | 1SSS 299 254 R2200 |      |             |
| OUMAD       | 1SNA 179 466 R0600 |      |             |
| OUPAD       | 1SNA 178 944 R0400 |      |             |
| OUTAD       | 1SNA 205 710 R1100 |      |             |
|             | 1SSS 299 190 R2200 |      |             |
|             | 1SSS 299 191 R2200 |      |             |
| RB-12W7     | 1SNA 290 455 R0700 |      |             |

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

**Pluggable terminal blocks**  
**Insulation displacement**  
**Male plugs**



Body UL94 V0

**Characteristics**

**Wire size**

|          | IEC                          | UL/CSA |
|----------|------------------------------|--------|
| Rigid    | 0,34 - 1,5 mm <sup>2</sup> * |        |
| Flexible | 0,34 - 1,5 mm <sup>2</sup> * |        |

\*1 or 2 wires (same wire size) per ADO jaw

**Voltage**

| V | ~   | =   |
|---|-----|-----|
|   | 500 |     |
|   |     | 500 |

**Current at 20° C**

| A |    |
|---|----|
|   | 16 |

**Rated wire size**

|  |                     |
|--|---------------------|
|  | 1,5 mm <sup>2</sup> |
|--|---------------------|

**Other characteristics**

| Pollution degree | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection      |
|------------------|-----------------------|---------------------|----------------|-----------------|
| 3                |                       |                     |                | IP 20<br>NEMA 1 |

Max. working temperature : 100 °C  
 Insulation resistance : ≥ 100 MΩ

**Approvals**

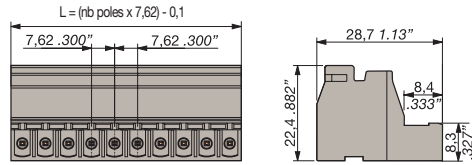
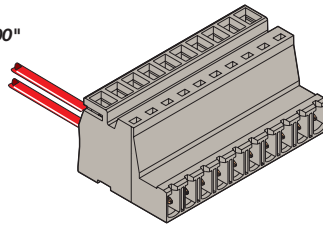
**Accessories**

|   |                     |                |
|---|---------------------|----------------|
| 1 | Cable clamp plug    | black, 3 poles |
| 2 | Cable clamp plug    | black, 8 poles |
| 3 | Manual tool         |                |
| 4 | Semi-automatic tool |                |
| 5 | Pneumatic tool      |                |
| 6 | DIN 3 foot (1)      | black          |
| 7 | DIN 2 foot (1)      | black          |
| 8 | Strip marking       |                |

**L 366 200 11**

Male plugs

Spacing 7.62 mm .300"



Part number

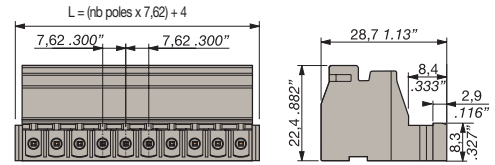
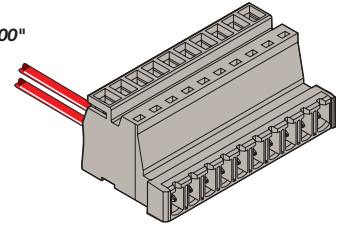
| Spacing 7.62 mm | Grey body            |       |
|-----------------|----------------------|-------|
| <b>N. Poles</b> | <b>2 to 24 poles</b> |       |
| 2               | 1SSA 366 202 R1100   | 15.14 |
| 3               | 1SSA 366 203 R1100   | 22.76 |
| 4               | 1SSA 366 204 R1100   | 30.38 |
| 5               | 1SSA 366 205 R1100   | 38.00 |
| 6               | 1SSA 366 206 R1100   | 45.62 |
| 10              | 1SSA 366 210 R1100   | 76.10 |

**Consult us for pole numbers :  
7, 8, 9 and more than 10**

**L 366 200 21**

Male plugs with brackets

Spacing 7.62 mm .300"



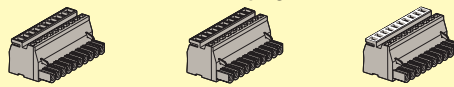
Part number

| Spacing 7.62 mm | Grey body            |  |
|-----------------|----------------------|--|
| <b>N. Poles</b> | <b>2 to 24 poles</b> |  |

**Consult us**

**Compatible products :**

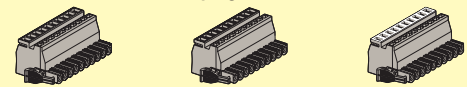
Female plugs



L 266 200 11      L 267 200 11      L 276 200 11  
*for mounting as extension connector*

**Compatible products :**

Female plugs with brackets



L 266 200 21      L 267 200 21      L 276 200 21  
*for mounting as extension connector with locking*



| Type    | Part number                   | Type    | Part number                   |
|---------|-------------------------------|---------|-------------------------------|
| PT1     | 7,62 mm<br>1SSS 299 253 R2200 | PT1     | 7,62 mm<br>1SSS 299 253 R2200 |
| PT2     | 7,62 mm<br>1SSS 299 254 R2200 | PT2     | 7,62 mm<br>1SSS 299 254 R2200 |
| OUMAD   | 1SNA 179 466 R0600            | OUMAD   | 1SNA 179 466 R0600            |
| OUPAD   | 1SNA 178 944 R0400            | OUPAD   | 1SNA 178 944 R0400            |
| OUTAD   | 1SNA 205 710 R1100            | OUTAD   | 1SNA 205 710 R1100            |
|         | 1SSS 299 190 R2200            |         | 1SSS 299 190 R2200            |
|         | 1SSS 299 191 R2200            |         | 1SSS 299 191 R2200            |
| RB-12W7 | 1SNA 290 455 R0700            | RB-12W7 | 1SNA 290 455 R0700            |

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.



**Pluggable terminal blocks**  
**Insulation displacement**  
**Male plugs**



Body UL94 V0

**Characteristics**

| Wire size                                  |  | IEC                         | UL/CSA |
|--|--|-----------------------------|--------|
| Rigid                                      |  | 0,34 - 1,5 mm <sup>2*</sup> |        |
| Flexible                                   |  | 0,34 - 1,5 mm <sup>2*</sup> |        |
| *1 or 2 wires (same wire size) per ADO jaw |  |                             |        |
| Voltage                                    |  |                             |        |
| V ~  |  | 500                         |        |
| V =  |  | 500                         |        |
| Current at 20° C                           |  |                             |        |
| A  |  | 16                          |        |
| Rated wire size                            |  |                             |        |
|  |  | 1,5 mm <sup>2</sup>         |        |

**Other characteristics**

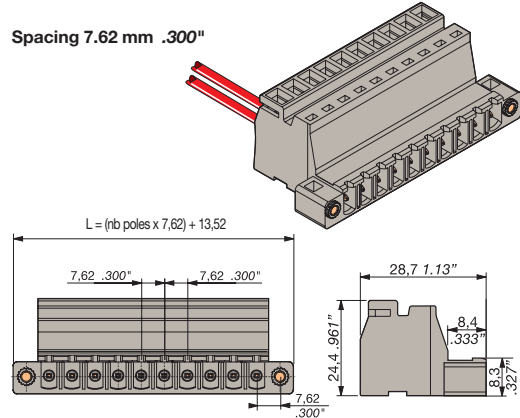
| Pollution degree           | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection      |
|----------------------------|-----------------------|---------------------|----------------|-----------------|
| 3                          |                       |                     |                | IP 20<br>NEMA 1 |
| Max. working temperature : |                       |                     |                | 100 °C          |
| Insulation resistance :    |                       |                     |                | ≥ 100 MΩ        |

**Accessories**

| 1 | Cable clamp plug    | black, 3 poles |
|---|---------------------|----------------|
| 2 | Cable clamp plug    | black, 8 poles |
| 3 | Manual tool         |                |
| 4 | Semi-automatic tool |                |
| 5 | Pneumatic tool      |                |
| 6 | Strip marking       |                |

**L 366 200 31**  
**Male plugs with flanges and inserts**

Spacing 7.62 mm .300"



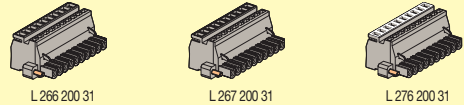
Part number

Spacing 7.62 mm Grey body  
 N. Poles 2 to 24 poles

**Consult us**

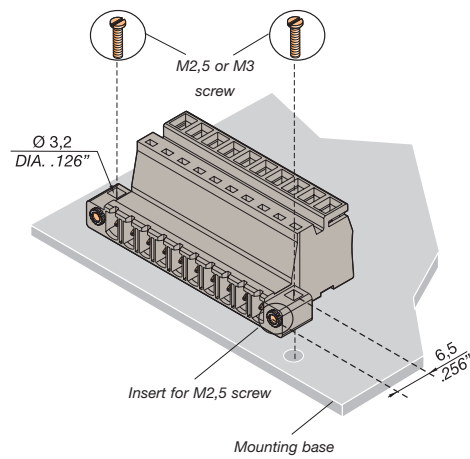
**Compatible products :**

Female plugs with flanges and inserts

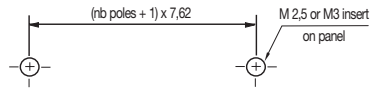


for mounting as extension connector with screw locking or plate mounting with locking

**Base mounting**

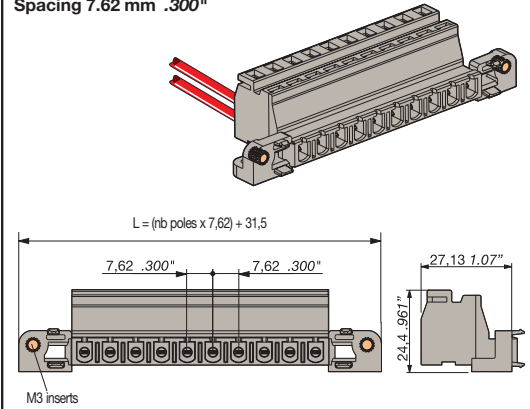


**Drilling for base mounting**



**L 366 200 41**  
**Male plugs with flanges and inserts**

Spacing 7.62 mm .300"



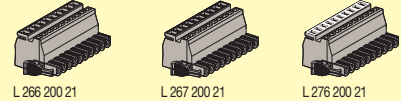
Part number

Spacing 7.62 mm Grey body  
 N. Poles 2 to 24 poles

**Consult us**

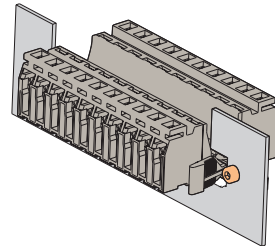
**Compatible products :**

Insulation displacement female plugs with brackets

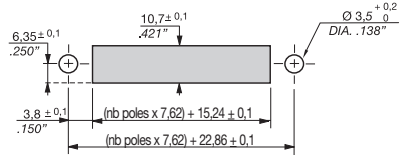


for panel feed-through mounting, with locking mechanism

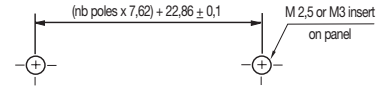
**Panel feed-through mounting or base mounting**



**Drilling for panel feed-through mounting**



**Drilling for base mounting**



| Type        | Part number        | Type        | Part number        |
|-------------|--------------------|-------------|--------------------|
| PT1 7,62 mm | 1SSA 299 253 R2200 | PT1 7,62 mm | 1SSA 299 253 R2200 |
| PT2 7,62 mm | 1SSA 299 254 R2200 | PT2 7,62 mm | 1SSA 299 254 R2200 |
| OUMAD       | 1SNA 179 466 R0600 | OUMAD       | 1SNA 179 466 R0600 |
| OUPAD       | 1SNA 178 944 R0400 | OUPAD       | 1SNA 178 944 R0400 |
| OUTAD       | 1SNA 205 710 R1100 | OUTAD       | 1SNA 205 710 R1100 |
| RB-12W7     | 1SNA 290 455 R0700 | RB-12W7     | 1SNA 290 455 R0700 |

**Pluggable terminal blocks**  
**Insulation displacement**  
**Male plugs**



Body UL94 V0

**Characteristics**

| Wire size                                  |   | IEC                       | UL/CSA |
|--|---|---------------------------|--------|
| Rigid                                      |   | 1 - 2,5 mm <sup>2</sup> * |        |
| Flexible                                   |   | 1 - 2,5 mm <sup>2</sup> * |        |
| *1 or 2 wires (same wire size) per ADO jaw |   |                           |        |
| Voltage                                    |   |                           |        |
| V  | ~ | 500                       |        |
|  | = | 500                       |        |
| Current at 20° C                           |   |                           |        |
| A  |   | 22                        |        |
| Rated wire size                            |   |                           |        |
|  |   | 2,5 mm <sup>2</sup>       |        |

**Other characteristics**

| Pollution degree           | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection      |
|----------------------------|-----------------------|---------------------|----------------|-----------------|
| 3                          |                       |                     |                | IP 20<br>NEMA 1 |
| Max. working temperature : |                       |                     |                | 100 °C          |
| Insulation resistance :    |                       |                     |                | ≥ 100 MΩ        |

**Approvals**

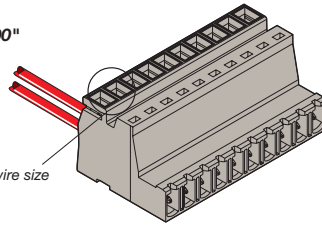
**Accessories**

|   |                     |                |
|---|---------------------|----------------|
| 1 | Cable clamp plug    | black, 3 poles |
| 2 | Cable clamp plug    | black, 8 poles |
| 3 | Manual tool         |                |
| 4 | Semi-automatic tool |                |
| 5 | Pneumatic tool      |                |
| 6 | DIN 3 foot (1)      | black          |
| 7 | DIN 2 foot (1)      | black          |
| 8 | Strip marking       |                |

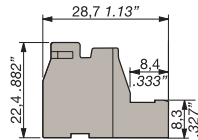
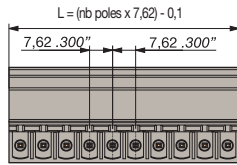
**L 367 200 11**

Male plugs

Spacing 7.62 mm .300"



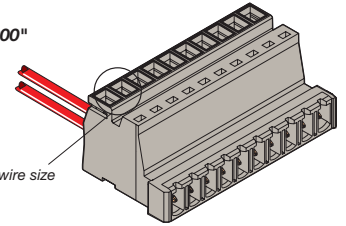
Black marking to identify wire size range 1-2,5 mm<sup>2</sup>



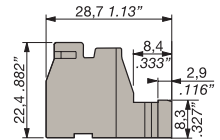
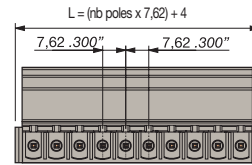
**L 367 200 21**

Male plugs with brackets

Spacing 7.62 mm .300"



Black marking to identify wire size range 1-2,5 mm<sup>2</sup>



**Part number**

| Spacing 7.62 mm | Grey body          |       |
|-----------------|--------------------|-------|
| N. Poles        | 2 to 24 poles      |       |
| 2               | 1SSA 367 202 R1100 | 15.14 |
| 3               | 1SSA 367 203 R1100 | 22.76 |
| 4               | 1SSA 367 204 R1100 | 30.38 |
| 5               | 1SSA 367 205 R1100 | 38.00 |
| 6               | 1SSA 367 206 R1100 | 45.62 |
| 10              | 1SSA 367 210 R1100 | 76.10 |

**Consult us for pole numbers :  
7, 8, 9 and more than 10**

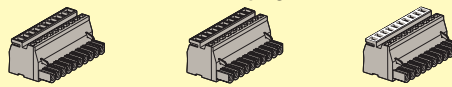
**Part number**

| Spacing 7.62 mm | Grey body     |
|-----------------|---------------|
| N. Poles        | 2 to 24 poles |

**Consult us**

**Compatible products :**

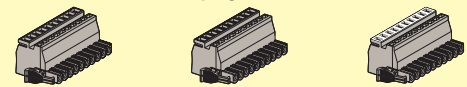
Female plugs



L 266 200 11 L 267 200 11 L 276 200 11  
for mounting as extension connector

**Compatible products :**

Female plugs with brackets



L 266 200 21 L 267 200 21 L 276 200 21  
for mounting as extension connector with locking



| Type        | Part number        | Type        | Part number        |
|-------------|--------------------|-------------|--------------------|
| PT1 7,62 mm | 1SSS 299 253 R2200 | PT1 7,62 mm | 1SSS 299 253 R2200 |
| PT2 7,62 mm | 1SSS 299 254 R2200 | PT2 7,62 mm | 1SSS 299 254 R2200 |
| OUMAD       | 1SNA 179 466 R0600 | OUMAD       | 1SNA 179 466 R0600 |
| OUPAD       | 1SNA 178 944 R0400 | OUPAD       | 1SNA 178 944 R0400 |
| OUTAD       | 1SNA 205 710 R1100 | OUTAD       | 1SNA 205 710 R1100 |
|             | 1SSS 299 190 R2200 |             | 1SSS 299 190 R2200 |
|             | 1SSS 299 191 R2200 |             | 1SSS 299 191 R2200 |
| RB-12W7     | 1SNA 290 455 R0700 | RB-12W7     | 1SNA 290 455 R0700 |

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

**Pluggable terminal blocks**  
**Insulation displacement**  
**Male plugs**



Body UL94 V0

**Characteristics**

| Wire size                                  |  | IEC                       | UL/CSA |
|--|--|---------------------------|--------|
| Rigid                                      |  | 1 - 2,5 mm <sup>2</sup> * |        |
| Flexible                                   |  | 1 - 2,5 mm <sup>2</sup> * |        |
| *1 or 2 wires (same wire size) per ADO jaw |  |                           |        |
| Voltage                                    |  |                           |        |
| V ~  |  | 500                       |        |
| V =  |  | 500                       |        |
| Current at 20° C                           |  |                           |        |
| A  |  | 22                        |        |
| Rated wire size                            |  |                           |        |
|  |  | 2,5 mm <sup>2</sup>       |        |

**Other characteristics**

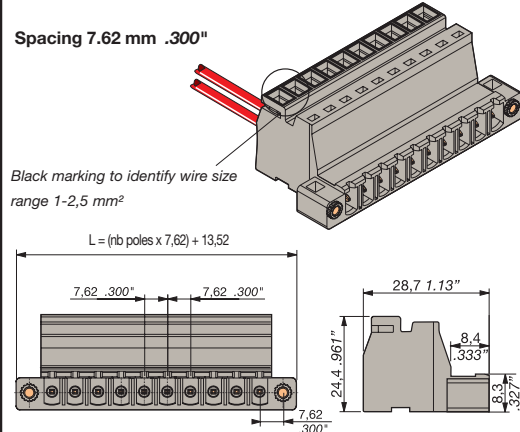
| Pollution degree           | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection      |
|----------------------------|-----------------------|---------------------|----------------|-----------------|
| 3                          |                       |                     |                | IP 20<br>NEMA 1 |
| Max. working temperature : |                       |                     |                | 100 °C          |
| Insulation resistance :    |                       |                     |                | ≥ 100 MΩ        |

**Accessories**

|   | Type                            | Part number                    |
|---|---------------------------------|--------------------------------|
| 1 | Cable clamp plug black, 3 poles | PT1 7,62 mm 1SSA 299 253 R2200 |
| 2 | Cable clamp plug black, 8 poles | PT2 7,62 mm 1SSA 299 254 R2200 |
| 3 | Manual tool                     | OUMAD 1SNA 179 466 R0600       |
| 4 | Semi-automatic tool             | OUPAD 1SNA 178 944 R0400       |
| 5 | Pneumatic tool                  | OUTAD 1SNA 205 710 R1100       |
| 6 | Strip marking                   | RB-12W7 1SNA 290 455 R0700     |

**L 367 200 31**  
**Male plugs with flanges and inserts**

Spacing 7.62 mm .300"

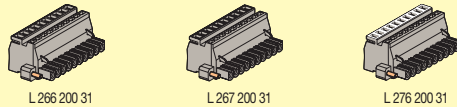


Part number

Spacing 7.62 mm Grey body  
 N. Poles 2 to 24 poles  
**Consult us**

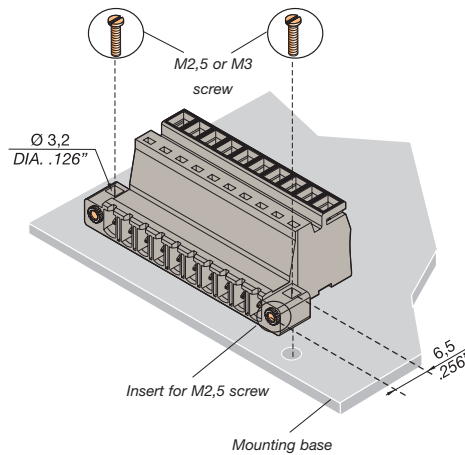
**Compatible products :**

Female plugs with flanges and inserts

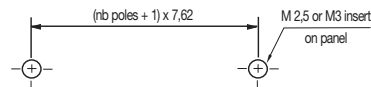


for mounting as extension connector with screw locking or plate mounting with locking

**Base mounting**

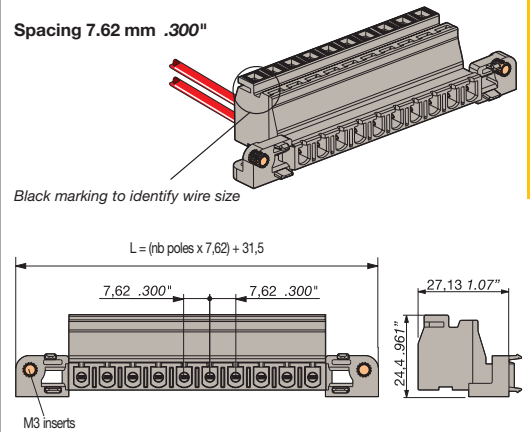


**Drilling for base mounting**



**L 367 200 41**  
**Male plugs with flanges and inserts**

Spacing 7.62 mm .300"



Part number

Spacing 7.62 mm Grey body  
 N. Poles 2 to 24 poles  
**Consult us**

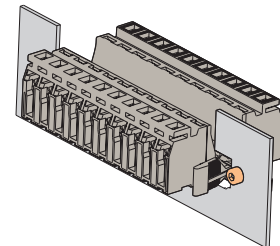
**Compatible products :**

Insulation displacement female plugs with brackets

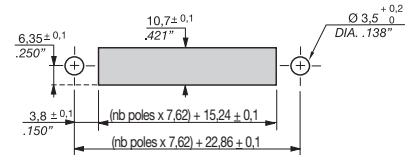


for panel feed-through mounting, with locking mechanism

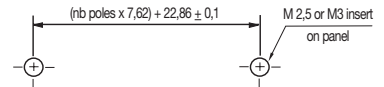
**Panel feed-through mounting or base mounting**



**Drilling for panel feed-through mounting**



**Drilling for base mounting**



CE

| Type        | Part number        |
|-------------|--------------------|
| PT1 7,62 mm | 1SSA 299 253 R2200 |
| PT2 7,62 mm | 1SSA 299 254 R2200 |
| OUMAD       | 1SNA 179 466 R0600 |
| OUPAD       | 1SNA 178 944 R0400 |
| OUTAD       | 1SNA 205 710 R1100 |
| RB-12W7     | 1SNA 290 455 R0700 |

**Pluggable terminal blocks**  
**Insulation displacement**  
**Male plugs**



Body UL94 V0

**Characteristics**

| Wire size           |                     | UL/CSA |
|---------------------|---------------------|--------|
| Rigid               | 4 mm <sup>2</sup> * |        |
| Flexible            | 4 mm <sup>2</sup> * |        |
| *1 wire per ADO jaw |                     |        |
| Voltage             |                     |        |
| V                   | ~ 500               |        |
|                     | = 500               |        |
| Current at 20° C    |                     |        |
| A                   | 22                  |        |
| Rated wire size     |                     |        |
|                     | 4 mm <sup>2</sup>   |        |

**Other characteristics**

| Wire stripping length      | Recomm. screwdriver | Recomm. torque | Protection      |
|----------------------------|---------------------|----------------|-----------------|
|                            |                     |                | IP 20<br>NEMA 1 |
| Max. working temperature : |                     |                | 100 °C          |
| Insulation resistance :    |                     |                | ≥ 100 MΩ        |

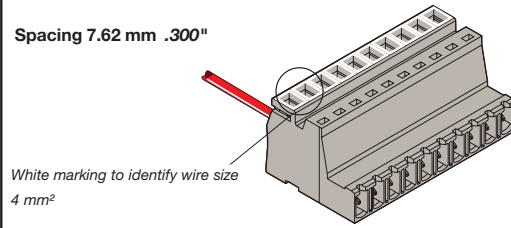
**Approvals**

**Accessories**

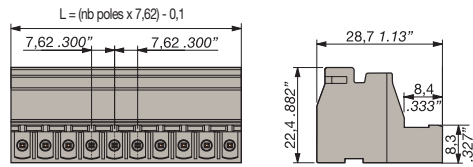
|   |                     |                |
|---|---------------------|----------------|
| 1 | Cable clamp plug    | black, 3 poles |
| 2 | Cable clamp plug    | black, 8 poles |
| 3 | Manual tool         |                |
| 4 | Semi-automatic tool |                |
| 5 | Pneumatic tool      |                |
| 6 | DIN 3 foot          | black          |
| 7 | DIN 2 foot          | black          |
| 8 | Strip marking       |                |

**L 376 200 11**  
**Male plugs**

Spacing 7.62 mm .300"



White marking to identify wire size  
 4 mm<sup>2</sup>



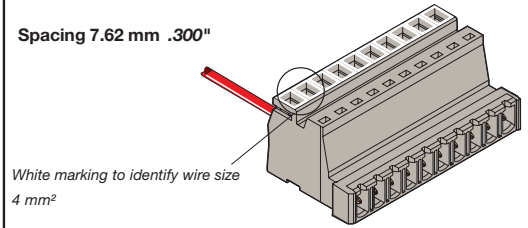
**Part number**

| Spacing 7.62 mm | Grey body            |       |
|-----------------|----------------------|-------|
| <b>N. Poles</b> | <b>2 to 24 poles</b> |       |
| 2               | 1SSA 376 202 R1100   | 15.14 |
| 3               | 1SSA 376 203 R1100   | 22.76 |
| 4               | 1SSA 376 204 R1100   | 30.38 |
| 5               | 1SSA 376 205 R1100   | 38.00 |
| 6               | 1SSA 376 206 R1100   | 45.62 |

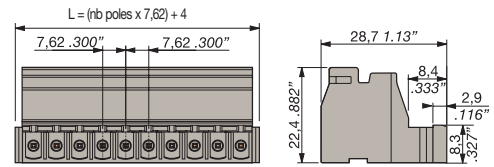
Consult us for pole numbers above 6

**L 376 200 21**  
**Male plugs with brackets**

Spacing 7.62 mm .300"



White marking to identify wire size  
 4 mm<sup>2</sup>



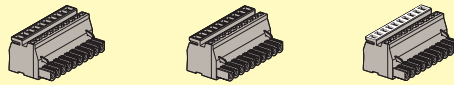
**Part number**

| Spacing 7.62 mm | Grey body            |  |
|-----------------|----------------------|--|
| <b>N. Poles</b> | <b>2 to 24 poles</b> |  |

Consult us

**Compatible products :**

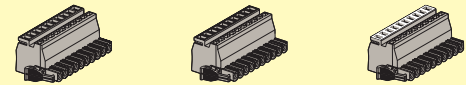
**Female plugs**



for mounting as extension connector

**Compatible products :**

**Female plugs with brackets**



for mounting as extension connector with locking



| Type    | Part number                   | Type    | Part number                   |
|---------|-------------------------------|---------|-------------------------------|
| PT1     | 7,62 mm<br>1SSS 299 253 R2200 | PT1     | 7,62 mm<br>1SSS 299 253 R2200 |
| PT2     | 7,62 mm<br>1SSS 299 254 R2200 | PT2     | 7,62 mm<br>1SSS 299 254 R2200 |
| OUMAD   | 1SNA 179 466 R0600            | OUMAD   | 1SNA 179 466 R0600            |
| OUPAD   | 1SNA 178 944 R0400            | OUPAD   | 1SNA 178 944 R0400            |
| OUTAD   | 1SNA 205 710 R1100            | OUTAD   | 1SNA 205 710 R1100            |
|         | 1SSS 299 190 R2200            |         | 1SSS 299 190 R2200            |
|         | 1SSS 299 191 R2200            |         | 1SSS 299 191 R2200            |
| RB-12W7 | 1SNA 290 455 R0700            | RB-12W7 | 1SNA 290 455 R0700            |

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

**Pluggable terminal blocks**  
**Insulation displacement**  
**Male plugs**



Body UL94 V0

**Characteristics**

| Wire size           |  | IEC                 | UL/CSA |
|---------------------|--|---------------------|--------|
| Rigid               |  | 4 mm <sup>2</sup> * |        |
| Flexible            |  | 4 mm <sup>2</sup> * |        |
| *1 wire per ADO jaw |  |                     |        |
| Voltage             |  |                     |        |
| V ~                 |  | 500                 |        |
| V =                 |  | 500                 |        |
| Current at 20° C    |  |                     |        |
| A                   |  | 22                  |        |
| Rated wire size     |  |                     |        |
|                     |  | 4 mm <sup>2</sup>   |        |

**Other characteristics**

| Pollution degree           | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection      |
|----------------------------|-----------------------|---------------------|----------------|-----------------|
| 3                          |                       |                     |                | IP 20<br>NEMA 1 |
| Max. working temperature : |                       |                     |                | 100 °C          |
| Insulation resistance :    |                       |                     |                | ≥ 100 MΩ        |

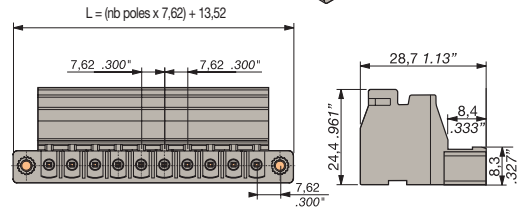
**Accessories**

|   | Type                            | Part number                    |
|---|---------------------------------|--------------------------------|
| 1 | Cable clamp plug black, 3 poles | PT1 7,62 mm 1SSA 299 253 R2200 |
| 2 | Cable clamp plug black, 8 poles | PT2 7,62 mm 1SSA 299 254 R2200 |
| 3 | Manual tool                     | OUMAD 1SNA 179 466 R0600       |
| 4 | Semi-automatic tool             | OUPAD 1SNA 178 944 R0400       |
| 5 | Pneumatic tool                  | OUTAD 1SNA 205 710 R1100       |
| 6 | Strip marking                   | RB-12W7 1SNA 290 455 R0700     |

**L 376 200 31**  
**Male plugs with flanges and inserts**

Spacing 7.62 mm .300"

White marking to identify wire size 4 mm<sup>2</sup>

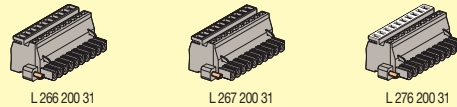


Part number

Spacing 7.62 mm Grey body  
 N. Poles 2 to 24 poles  
**Consult us**

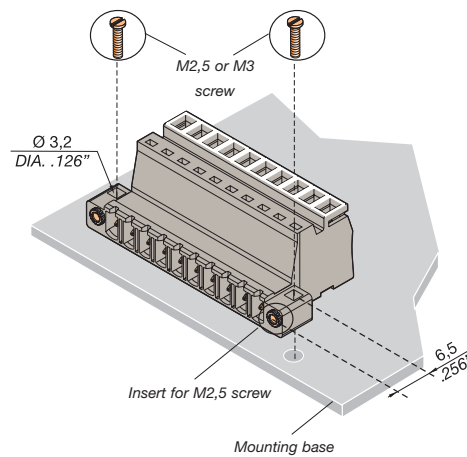
**Compatible products :**

Female plugs with flanges and inserts

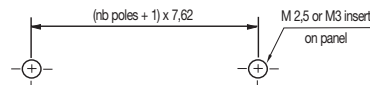


for mounting as extension connector with screw locking or plate mounting with locking

**Base mounting**



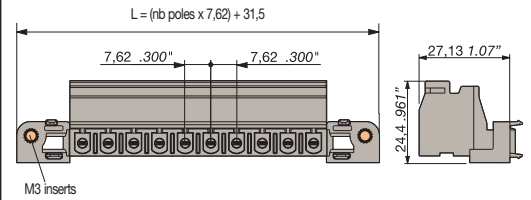
**Drilling for base mounting**



**L 376 200 41**  
**Male plugs with flanges and inserts**

Spacing 7.62 mm .300"

White marking to identify wire size

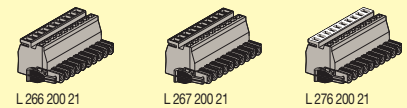


Part number

Spacing 7.62 mm Grey body  
 N. Poles 2 to 24 poles  
**Consult us**

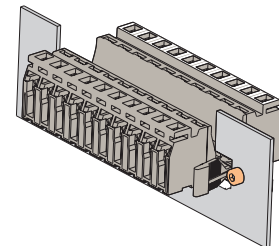
**Compatible products :**

Insulation displacement female plugs with brackets

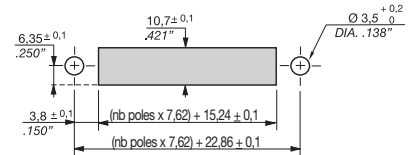


for panel feed-through mounting, with locking mechanism

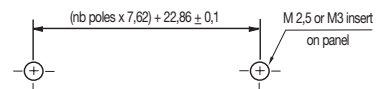
**Panel feed-through mounting or base mounting**



**Drilling for panel feed-through mounting**



**Drilling for base mounting**



CE

| Type        | Part number        |
|-------------|--------------------|
| PT1 7,62 mm | 1SSA 299 253 R2200 |
| PT2 7,62 mm | 1SSA 299 254 R2200 |
| OUMAD       | 1SNA 179 466 R0600 |
| OUPAD       | 1SNA 178 944 R0400 |
| OUTAD       | 1SNA 205 710 R1100 |
| RB-12W7     | 1SNA 290 455 R0700 |

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## Notes

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## Notes

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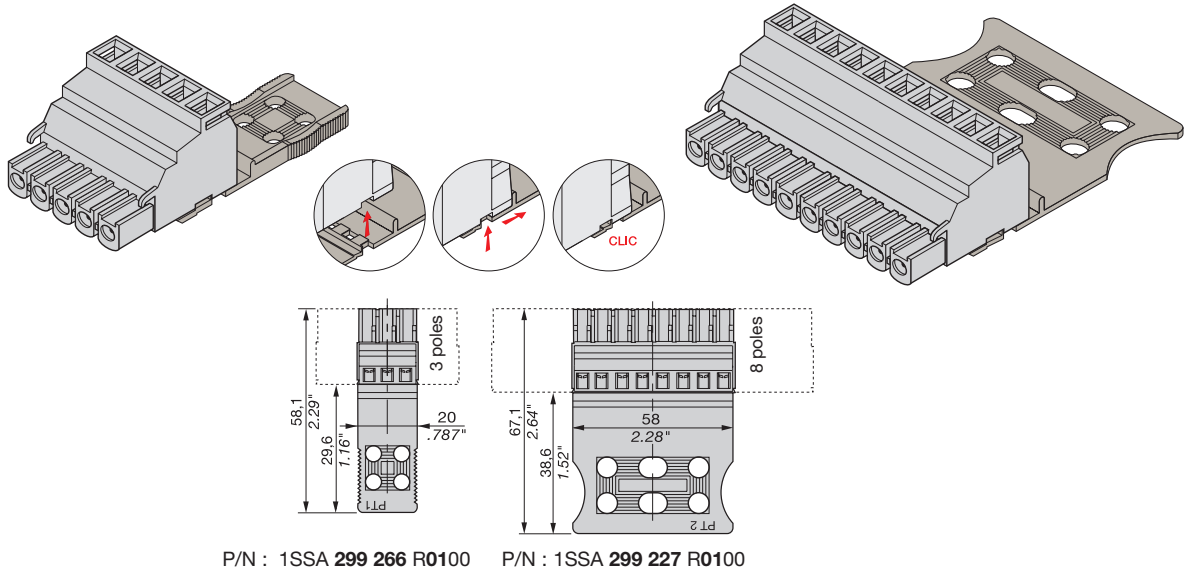




### Mounting of cable clamp plugs on ADO System® plugs spacing 5.08 mm

Version with PT1 cable clamp

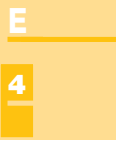
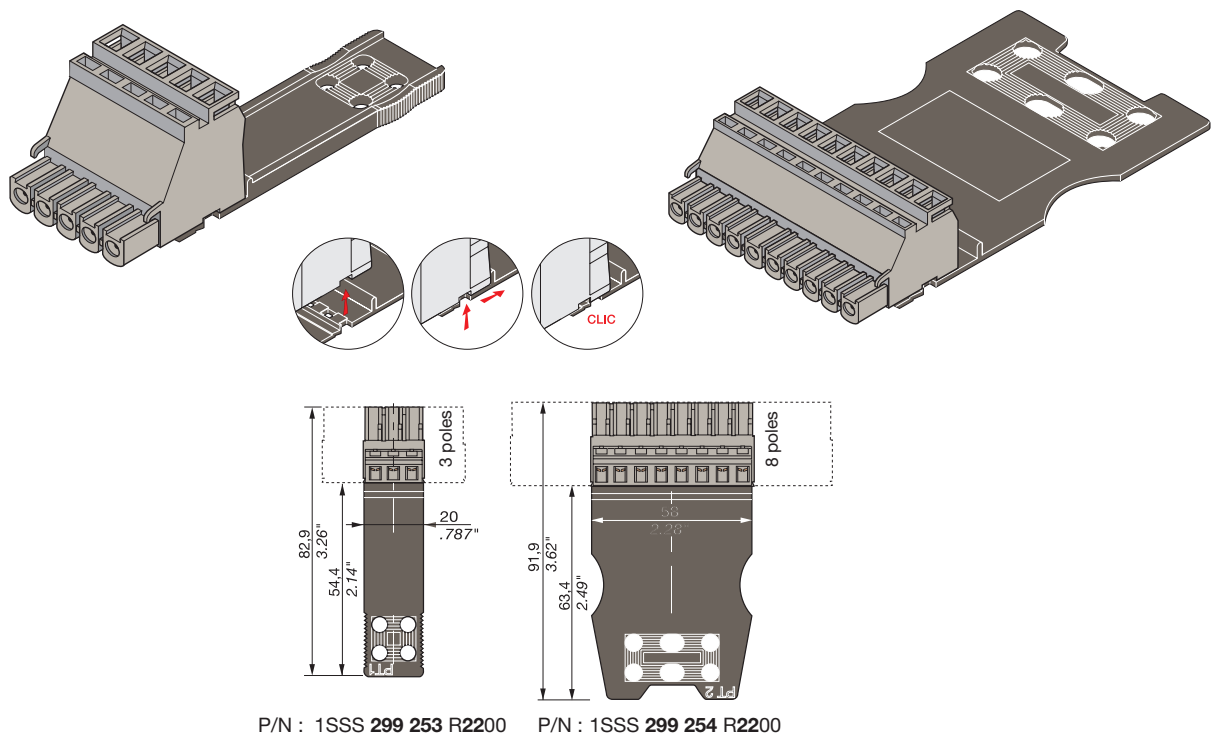
Version with PT2 cable clamp



### Mounting of cable clamp plugs on ADO System® plugs spacing 7.62 mm

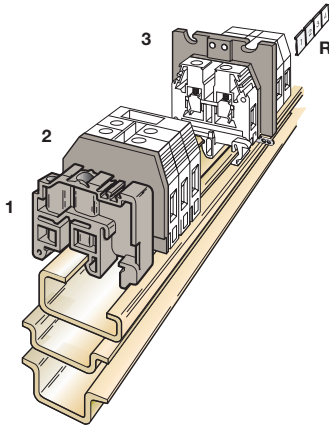
Version with PT1 cable clamp

Version with PT2 cable clamp



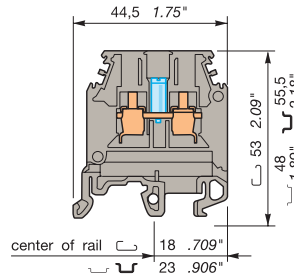
### Socket components

DIN 1 - 3



#### M 4/6.C

Spacing 6 mm + 0,05 (.238")

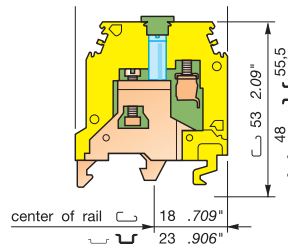


Grey **M 4/6.C** 1SNA 115 208 R0400

6 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

#### M 4/6.PC

Spacing 6 mm + 0,05 (.238")

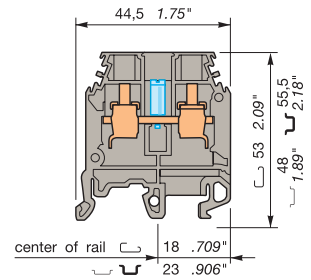


green/yellow **M 4/6.PC** 1SNA 165 294 R2400

6 mm ground block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

#### M 6/8.C

Spacing 8 mm - 0,05 (.315")



Grey **M 4/8.C** 1SNA 115 209 R0500

8 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

*If the last block of the assembly is a terminal block, an end section is required.*

### Characteristics

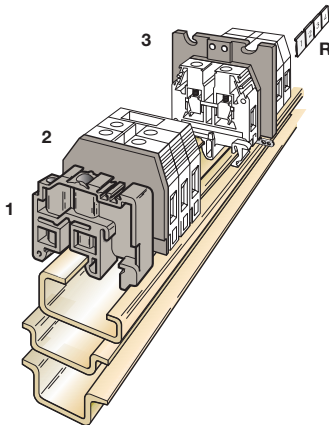
|  | IEC                               |                          |           | UL                               |                       |  | CSA                                      |          |          |
|--|-----------------------------------|--------------------------|-----------|----------------------------------|-----------------------|--|--|----------|----------|
|  | NFC                               | DIN                      |           | NFC                              | DIN                   |  | NFC                                      | DIN      |          |
| Wire size<br>mm <sup>2</sup> / AWG       | Rigid                             | 0,2 - 4 mm <sup>2</sup>  | 22-10 AWG | 22-10 AWG                        | 0 - 4 mm <sup>2</sup> |  | 0,5 - 10 mm <sup>2</sup>                 | 22-8 AWG | 24-8 AWG |
|  | Flexible                          | 0,22 - 4 mm <sup>2</sup> | 22-10 AWG | 22-10 AWG                        | 0 - 4 mm <sup>2</sup> |  | 0,5 - 6 mm <sup>2</sup>                  | 22-8 AWG | 24-8 AWG |
| Rated voltage                            | 800 V                             | 600 V                    | 600 V     |                                  |                       |  | 800 V                                    | 600 V    | 600 V    |
| Rated current                            | 32 A                              | 30 A                     | 25 A      |                                  |                       |  | 41 A                                     | 50 A     | 55 A     |
| Rated wire size                          | 4 mm <sup>2</sup>                 | 10 AWG                   | 10 AWG    | 4 mm <sup>2</sup>                |                       |  | 6 mm <sup>2</sup>                        | 8 AWG    | 8 AWG    |
| Wire strip. length - Recomm. screwdriver | 9,5 mm / .37" - DIA. 4 mm / .157" |                          |           | 12 mm / .47" - DIA. 4 mm / .157" |                       |  | 12 mm / .47" - DIA. 4-5 mm / .157"-.197" |          |          |
| Recommended torque                       | 0,5-0,8 Nm / 4.4-7.1 lb.in.       |                          |           | 0,4-0,6 Nm / 3.5-5.3 lb.in.      |                       |  | 0,8-1 Nm / 7.1-8.9 lb.in.                |          |          |

### Accessories

|   | Type  | Part numbers                  | Type         | Part numbers                  | Type  | Part numbers                  |
|---|---|-------------------------------|--------------|-------------------------------|---|-------------------------------|
| 1 End stop (all rails)                  | BAM   | th. 9.1 mm 1SNA 103 002 R2600 | BAM          | th. 9.1 mm 1SNA 103 002 R2600 | BAM   | th. 9.1 mm 1SNA 103 002 R2600 |
| 2 End section                           | FEM6  | th. 2.8 mm 1SNA 118 368 R1600 | FEM6         | th. 2.8 mm 1SNA 103 062 R2100 | FEM6  | th. 2.8 mm 1SNA 118 368 R1600 |
| 3 Separator end section                 | SCF6  | th. 3.0 mm 1SNA 118 707 R0300 | SCF6         | th. 3.0 mm 1SNA 118 707 R0300 | SCF6  | th. 3.0 mm 1SNA 118 707 R0300 |
| R See section on markers marking method | RC65 - RC610 Other accessories, see standard blocks pages |                               | RC65 - RC610 |                               | RC65 - RC610 Other accessories, see standard blocks pages |                               |

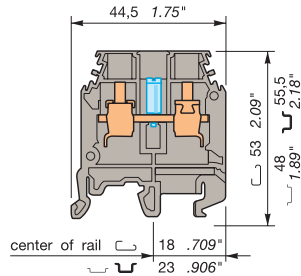
### Socket components

DIN 1 - 3



#### M 10/10.C

Spacing 10 mm - 0,05 (.394")

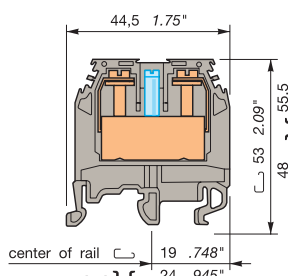


Grey **M 10/10.C** 1SNA 115 228 R2700

10 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

#### M 16/12.C

Spacing 12 mm - 0,1 (.473")

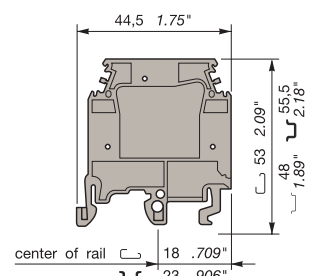


Grey **M 16/12.C** 1SNA 115 210 R2100

12 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

#### DF 6

Spacing 6mm + 0.05 (.238")



Grey **DF 6** 1SNA 113 086 R0300

Key element snapped onto the rail, placed within the terminal blocks in the required place.  
2 slots for markers.  
Marking method ①

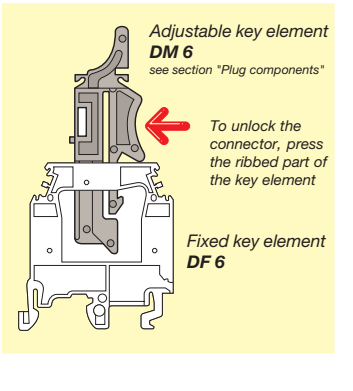
*If the last block of the assembly is a terminal block, an end section is required.*

### Characteristics

|  | IEC  |                          |          | UL                                |                          |          | CSA                           |     |  |
|--|--|--------------------------|----------|-----------------------------------|--------------------------|----------|-------------------------------|-----|--|
|  | NFC  | DIN                      |          | NFC                               | DIN                      |          | NFC                           | DIN |  |
| Wire size<br>mm <sup>2</sup> / AWG       | Rigid                                      | 0,5 - 16 mm <sup>2</sup> | 20-6 AWG | 18-6 AWG                          | 2,5 - 25 mm <sup>2</sup> | 14-4 AWG | 14-4 AWG                      |     |  |
|  | Flexible                                   | 0,5 - 10 mm <sup>2</sup> | 20-6 AWG | 18-6 AWG                          | 2,5 - 16 mm <sup>2</sup> | 14-4 AWG | 14-4 AWG                      |     |  |
| Rated voltage                            | 800 V                                      | 600 V                    | 600 V    | 800 V                             | 600 V                    | 600 V    |                               |     |  |
| Rated current                            | 57 A                                       | 65 A                     | 70 A     | 85 A                              | 85 A                     | 100 A    |                               |     |  |
| Rated wire size                          | 10 mm <sup>2</sup>                         | 6 AWG                    | 6 AWG    | 16 mm <sup>2</sup>                | 4 AWG                    | 4 AWG    |                               |     |  |
| Wire strip. length - Recomm. screwdriver | 12 mm / .47" - DIA. 5,5-6 mm / .217"-.238" |                          |          | 14 mm / .55" - DIA. 5,5 mm / .22" |                          |          | 1,2-1,4 Nm / 10.6-12.3 lb.in. |     |  |
| Recommended torque                       | 1,2-1,4 Nm / 10.6-12.3 lb.in.              |                          |          | 1,2-1,4 Nm / 10.6-12.3 lb.in.     |                          |          | 1,2-1,4 Nm / 10.6-12.3 lb.in. |     |  |

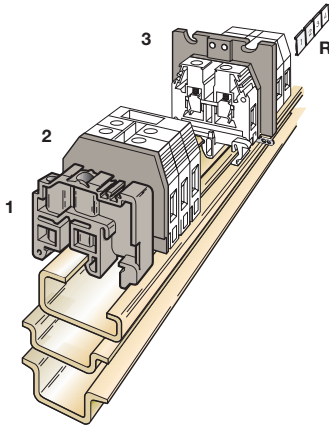
### Accessories

|   | Type                          | Part numbers                  | Type   | Part numbers                  |
|---|-------------------------------|-------------------------------|--|-------------------------------|
| 1 End stop (all rails)                  | BAM                           | th. 9.1 mm 1SNA 103 002 R2600 | BAM  | th. 9.1 mm 1SNA 103 002 R2600 |
| 2 End section                           | FEM6                          | th. 2.8 mm 1SNA 118 368 R1600 | FEM12  | th. 3 mm 1SNA 118 618 R0100   |
| 3 Separator end section                 | SCF6                          | th. 3.0 mm 1SNA 118 707 R0300 | SCF12  | th. 3.0 mm 1SNA 113 102 R1000 |
| R See section on markers marking method | RC65 - RC610 - RC810 - RC1010 |                               | Other accessories, see standard blocks pages |                               |



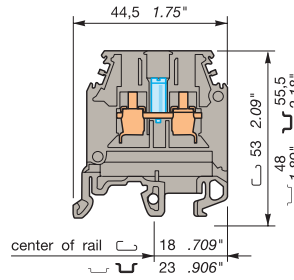
### Socket components

DIN 1 - 3



#### M 4/6.C

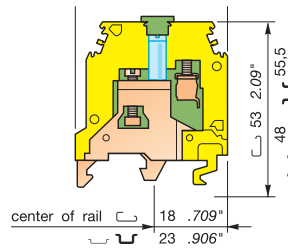
Spacing 6 mm + 0,05 (.238")



Grey **M 4/6.C** 1SNA 115 208 R0400  
6 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

#### M 4/6.PC

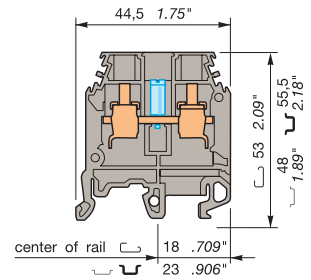
Spacing 6 mm + 0,05 (.238")



green/yellow **M 4/6.PC** 1SNA 165 294 R2400  
6 mm ground block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

#### M 6/8.C

Spacing 8 mm - 0,05 (.315")



Grey **M 4/8.C** 1SNA 115 209 R0500  
8 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

*If the last block of the assembly is a terminal block, an end section is required.*

### Characteristics

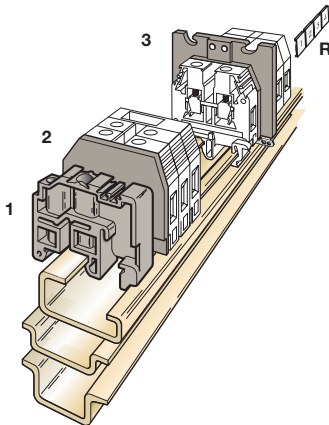
|  | M 4/6.C                           |           |           | M 4/6.PC                         |    |     | M 6/8.C                                  |          |          |
|--|-----------------------------------|-----------|-----------|----------------------------------|----|-----|--|----------|----------|
|  | IEC                               | UL        | CSA       | IEC                              | UL | CSA | IEC                                      | UL       | CSA      |
| Wire size<br>mm <sup>2</sup> / AWG       | Rigid                             | 22-10 AWG | 22-10 AWG | 0 - 4 mm <sup>2</sup>            |    |     | 0,5 - 10 mm <sup>2</sup>                 | 22-8 AWG | 24-8 AWG |
|  | Flexible                          | 22-10 AWG | 22-10 AWG | 0 - 4 mm <sup>2</sup>            |    |     | 0,5 - 6 mm <sup>2</sup>                  | 22-8 AWG | 24-8 AWG |
| Rated voltage                            | 800 V                             | 600 V     | 600 V     |                                  |    |     | 800 V                                    | 600 V    | 600 V    |
| Rated current                            | 32 A                              | 30 A      | 25 A      |                                  |    |     | 41 A                                     | 50 A     | 55 A     |
| Rated wire size                          | 4 mm <sup>2</sup>                 | 10 AWG    | 10 AWG    | 4 mm <sup>2</sup>                |    |     | 6 mm <sup>2</sup>                        | 8 AWG    | 8 AWG    |
| Wire strip. length - Recomm. screwdriver | 9,5 mm / .37" - DIA. 4 mm / .157" |           |           | 12 mm / .47" - DIA. 4 mm / .157" |    |     | 12 mm / .47" - DIA. 4-5 mm / .157"-.197" |          |          |
| Recommended torque                       | 0,5-0,8 Nm / 4.4-7.1 lb.in.       |           |           | 0,4-0,6 Nm / 3.5-5.3 lb.in.      |    |     | 0,8-1 Nm / 7.1-8.9 lb.in.                |          |          |

### Accessories

|   | Type  | Part numbers                  | Type         | Part numbers                  | Type  | Part numbers                  |
|---|---|-------------------------------|--------------|-------------------------------|---|-------------------------------|
| 1 End stop (all rails)                  | BAM   | th. 9.1 mm 1SNA 103 002 R2600 | BAM          | th. 9.1 mm 1SNA 103 002 R2600 | BAM   | th. 9.1 mm 1SNA 103 002 R2600 |
| 2 End section                           | FEM6  | th. 2.8 mm 1SNA 118 368 R1600 | FEM6         | th. 2.8 mm 1SNA 103 062 R2100 | FEM6  | th. 2.8 mm 1SNA 118 368 R1600 |
| 3 Separator end section                 | SCF6  | th. 3.0 mm 1SNA 118 707 R0300 | SCF6         | th. 3.0 mm 1SNA 118 707 R0300 | SCF6  | th. 3.0 mm 1SNA 118 707 R0300 |
| R See section on markers marking method | RC65 - RC610 Other accessories, see standard blocks pages |                               | RC65 - RC610 |                               | RC65 - RC610 Other accessories, see standard blocks pages |                               |

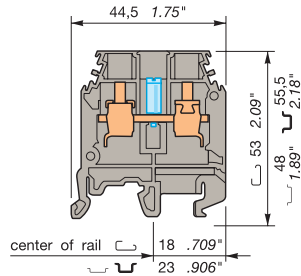
### Socket components

DIN 1 - 3



#### M 10/10.C

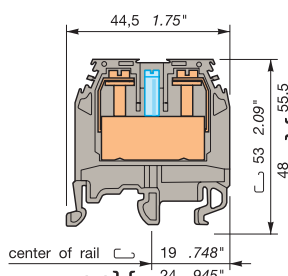
Spacing 10 mm - 0,05 (.394")



Grey **M 10/10.C** 1SNA 115 228 R2700  
10 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

#### M 16/12.C

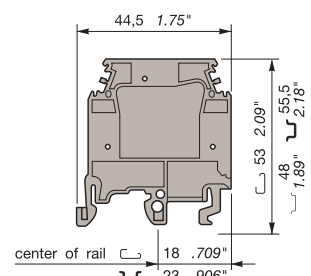
Spacing 12 mm - 0,1 (.473")



Grey **M 16/12.C** 1SNA 115 210 R2100  
12 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

#### DF 6

Spacing 6mm + 0.05 (.238")



Grey **DF 6** 1SNA 113 086 R0300  
Key element snapped onto the rail, placed within the terminal blocks in the required place.  
2 slots for markers.  
Marking method ①

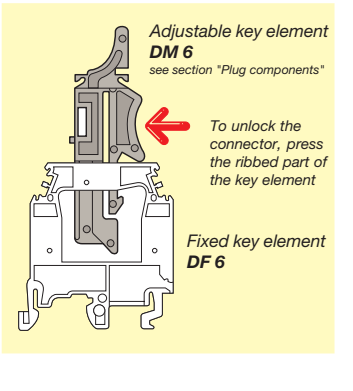
*If the last block of the assembly is a terminal block, an end section is required.*

### Characteristics

|  | M 10/10.C                                  |          |          | M 16/12.C                         |          |          | DF 6                     |          |          |
|--|--|----------|----------|-----------------------------------|----------|----------|--------------------------|----------|----------|
|  | IEC  | UL       | CSA      | IEC                               | UL       | CSA      | IEC                      | UL       | CSA      |
| Wire size<br>mm <sup>2</sup> / AWG       | Rigid                                      | 20-6 AWG | 18-6 AWG | 2,5 - 25 mm <sup>2</sup>          | 14-4 AWG | 14-4 AWG | 2,5 - 16 mm <sup>2</sup> | 14-4 AWG | 14-4 AWG |
|  | Flexible                                   | 20-6 AWG | 18-6 AWG | 2,5 - 16 mm <sup>2</sup>          | 14-4 AWG | 14-4 AWG |                          |          |          |
| Rated voltage                            | 800 V                                      | 600 V    | 600 V    | 800 V                             | 600 V    | 600 V    |                          |          |          |
| Rated current                            | 57 A                                       | 65 A     | 70 A     | 85 A                              | 85 A     | 100 A    |                          |          |          |
| Rated wire size                          | 10 mm <sup>2</sup>                         | 6 AWG    | 6 AWG    | 16 mm <sup>2</sup>                | 4 AWG    | 4 AWG    |                          |          |          |
| Wire strip. length - Recomm. screwdriver | 12 mm / .47" - DIA. 5,5-6 mm / .217"-.238" |          |          | 14 mm / .55" - DIA. 5,5 mm / .22" |          |          |                          |          |          |
| Recommended torque                       | 1,2-1,4 Nm / 10.6-12.3 lb.in.              |          |          | 1,2-1,4 Nm / 10.6-12.3 lb.in.     |          |          |                          |          |          |

### Accessories

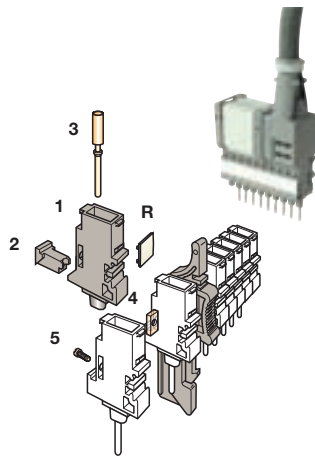
|   | Type                          | Part numbers                  | Type   | Part numbers                  | Type   | Part numbers                  |
|---|-------------------------------|-------------------------------|--|-------------------------------|--|-------------------------------|
| 1 End stop (all rails)                  | BAM                           | th. 9.1 mm 1SNA 103 002 R2600 | BAM  | th. 9.1 mm 1SNA 103 002 R2600 | BAM  | th. 9.1 mm 1SNA 103 002 R2600 |
| 2 End section                           | FEM6                          | th. 2.8 mm 1SNA 118 368 R1600 | FEM12  | th. 3 mm 1SNA 118 618 R0100   | FEM6   | th. 2.8 mm 1SNA 118 368 R1600 |
| 3 Separator end section                 | SCF6                          | th. 3.0 mm 1SNA 118 707 R0300 | SCF12  | th. 3.0 mm 1SNA 113 102 R1000 | SCF6   | th. 3.0 mm 1SNA 118 707 R0300 |
| R See section on markers marking method | RC65 - RC610 - RC810 - RC1010 |                               | Other accessories, see standard blocks pages |                               | Other accessories, see standard blocks pages |                               |



E

5

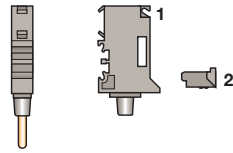
### Plug components



### CF

Spacing 6 mm + 0,05 (.238")

- 3 Plug delivered with :
- 1 insulating body
  - 2 lock
  - 3 pin DIA. 2.5

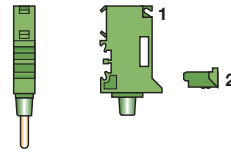


|                           |    |                    |
|---------------------------|----|--------------------|
| 0.22-0.34 mm <sup>2</sup> | CF | 1SNA 115 074 R1000 |
| 0.22-0.5 mm <sup>2</sup>  | CF | 1SNA 115 080 R1300 |
| 1.0 mm <sup>2</sup>       | CF | 1SNA 115 075 R1100 |
| 1.5 mm <sup>2</sup>       | CF | 1SNA 115 076 R1200 |
| 2.5 mm <sup>2</sup>       | CF | 1SNA 115 077 R1300 |
| 4.0 mm <sup>2</sup>       | CF | 1SNA 115 079 R2500 |

### CFP

Spacing 6 mm + 0,05 (.238")

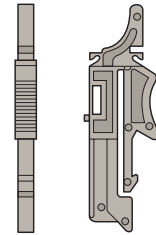
- 3 Plug delivered with :
- 1 insulating body
  - 2 lock
  - 3 pin DIA. 2.5



|                           |     |                    |
|---------------------------|-----|--------------------|
| 0.22-0.34 mm <sup>2</sup> | CFP | 1SNA 105 007 R2500 |
| 0.22-0.5 mm <sup>2</sup>  | CFP | 1SNA 105 018 R2700 |
| 1.0 mm <sup>2</sup>       | CFP | 1SNA 105 008 R0600 |
| 1.5 mm <sup>2</sup>       | CFP | 1SNA 105 009 R0700 |
| 2.5 mm <sup>2</sup>       | CFP | 1SNA 105 010 R2300 |
| 4.0 mm <sup>2</sup>       | CFP | 1SNA 105 019 R2000 |

### DM 6

Spacing 6 mm + 0,05 (.238")



Grey **DM 6** 1SNA 114 547 R1600

Adjustable key element to be mounted on the fixed key element **DF 6**. Slides on the assembly bar close to the plug elements in the required place (+ potential separators). Permits to polarize and lock the connector on the assembly.

### Characteristics

| Wire size mm <sup>2</sup> / AWG | IEC                         |     | UL/CSA      |            | IEC                         |     | UL/CSA      |            |
|---------------------------------|-----------------------------|-----|-------------|------------|-----------------------------|-----|-------------|------------|
|                                 | NFC                         | DIN | 22 - 22 AWG | 22 - 20AWG | NFC                         | DIN | 22 - 22 AWG | 22 - 20AWG |
| KY 30                           | 0.22 - 0.34 mm <sup>2</sup> |     | 22 - 20AWG  |            | 0.22 - 0.34 mm <sup>2</sup> |     | 22 - 20AWG  |            |
| KY 30 and H05.VK                | 0.22 - 0.5 mm <sup>2</sup>  |     | 22 - 20AWG  |            | 0.22 - 0.5 mm <sup>2</sup>  |     | 22 - 20AWG  |            |
| H05.VK                          | 1.0 mm <sup>2</sup>         |     | 18 AWG      |            | 1.0 mm <sup>2</sup>         |     | 18 AWG      |            |
| H07.VR or VK                    | 1.5 mm <sup>2</sup>         |     | 16 AWG      |            | 1.5 mm <sup>2</sup>         |     | 16 AWG      |            |
| H07.VR or VK                    | 2.5 mm <sup>2</sup>         |     | 14 AWG      |            | 2.5 mm <sup>2</sup>         |     | 14 AWG      |            |
| H07.VR or VK                    | 4.0 mm <sup>2</sup>         |     | 12 AWG      |            | 4.0 mm <sup>2</sup>         |     | 12 AWG      |            |

Rated voltage 800 V

Rated current 15 A

Rated wire size 1 mm<sup>2</sup>

Wire stripping length 10 mm / .39"

### Components

A PLUG ELEMENT CONSISTS OF THE THREE FOLLOWING PARTS, EACH ELEMENT CAN BE ORDERED USING ITS OWN PART NUMBER OR USING ITS COMPONENTS' PART NUMBERS

| Component              | Material                        | Part numbers       |
|------------------------|---------------------------------|--------------------|
| 1 Insulating body      | SIC grey                        | 1SNA 113 108 R2600 |
| 2 Lock                 | VRC grey                        | 1SNA 113 110 R1300 |
| 3 Pin DIA. 2,5 mm .10" | BRC 0,22 to 0,5 mm <sup>2</sup> | 1SNA 174 558 R0500 |
|                        | BRC 1.0 mm <sup>2</sup>         | 1SNA 173 906 R2200 |
|                        | BRC 1.5 mm <sup>2</sup>         | 1SNA 173 907 R2300 |
|                        | BRC 2.5 mm <sup>2</sup>         | 1SNA 173 908 R0400 |
|                        | BRC 4.0 mm                      | 1SNA 174 601 R0100 |

### Accessories

| Accessories   | Type                    | Part numbers   |
|---|-------------------------|--|
| 4 Assembly bar  | BDA see table hereunder | 1SNA 113 112 R0100   |
| 5 Assembly screw  | VSA 1SNA 164 408 R0600  | 1SNA 164 408 R0600   |
| <i>Mounting screw to be ordered for mounting without cover. These screws are delivered with the cover sub-assembly.</i> |                         |  |
| 6 Separator (see section "Assembly")  | grey                    | IN10 th. 1.0 mm 1SNA 113 112 R0100<br>IN16 th. 1.6 mm 1SNA 113 114 R0300<br>IN20 th. 2.0 mm 1SNA 113 115 R0400<br>IN24 th. 2.4 mm 1SNA 113 116 R0500 |
| R See section on markers marking method   | RC65 - RC610            | RC65 - RC610   |

### BDA - Assembly bar

Plug components, separators and adjustable key elements slide on this bar. BDA is defined regarding the required assembly. For this, calculate the length of these accessories in millimeters using the following formulas :

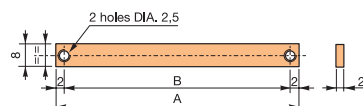
**Assembly with 1 key element**  
not mounted at the end of the assembly  
**Spacing (n-1) + 12**

**Assembly with 2 key elements**  
1 at each end of the assembly  
**n (Spacing) + 12**

n = number of elements included into the plug  
L = length of the plug

Machining diagram for bar processing by customer, supplied in length 1000 mm.

| L mm | A mm | B mm | Bar BDA            |
|------|------|------|--------------------|
| 24   | 22   | 18   | 1SNA 167 054 R2000 |
| 30   | 28   | 24   | 1SNA 167 055 R2100 |
| 36   | 34   | 30   | 1SNA 167 056 R2200 |
| 42   | 40   | 36   | 1SNA 167 057 R2300 |
| 48   | 46   | 42   | 1SNA 167 058 R0400 |
| 54   | 52   | 48   | 1SNA 167 059 R0500 |
| 60   | 58   | 54   | 1SNA 167 060 R0200 |
| 66   | 64   | 60   | 1SNA 167 061 R2700 |
| 72   | 70   | 66   | 1SNA 167 062 R2000 |
| 78   | 76   | 72   | 1SNA 167 063 R2100 |
| 84   | 82   | 78   | 1SNA 167 064 R2200 |
| 90   | 88   | 84   | 1SNA 167 065 R2300 |
| 96   | 94   | 90   | 1SNA 167 066 R2400 |
| 102  | 100  | 96   | 1SNA 167 067 R2500 |
| 108  | 106  | 102  | 1SNA 167 068 R0600 |
| 114  | 112  | 108  | 1SNA 167 069 R0700 |
| 120  | 118  | 114  | 1SNA 167 070 R0400 |
| 1000 |      |      | 1SNA 008 370 R2200 |



### Assembly of a connector

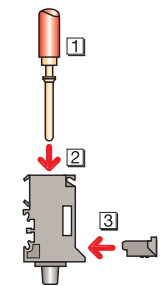
#### Mounting an element

- 1 Crimp the wire in the pin,
- 2 Introduce the pin into the insulator,
- 3 Place the lock by pushing it completely (snaps in).

#### Removing the pin

- Unlatch the lock, using a screwdriver,
- Push back the pin.

#### Re-mounting of the element (see "Mounting an element").

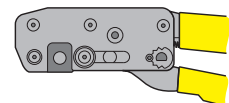
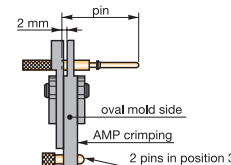


#### Crimping

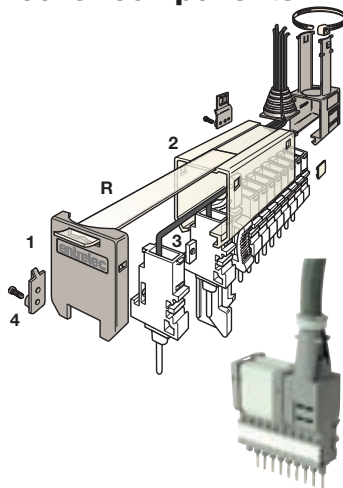
Use conductors of 0.22 to 0.34 mm<sup>2</sup> (24-22 AWG) and AMP crimping tool 46 256. Remove the positioning stops and use only the oval mold.

Conductors of 0.22 to 0.5 - 1 - 1.5 - 2.5 - 4 mm<sup>2</sup>  
**ABB Entelec crimping tool**

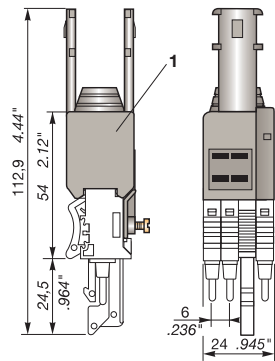
**PSC** 1SNA 173 181 R1300



### Plastic protective cover components

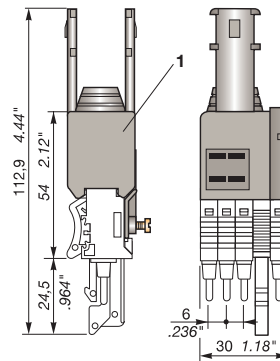


#### Min. mounting 24 mm .945"



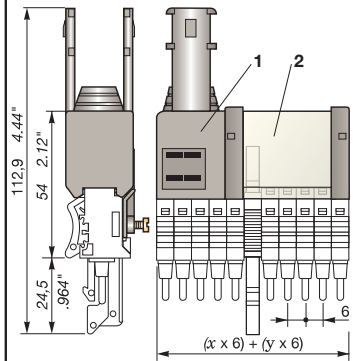
Grey  **CPCP4** 1SNA 114 432 R0300  
 1 Cover sub-assembly

#### Mounting up to 30 mm 1.18"



Grey  **CPCP5** 1SNA 114 431 R0200  
 1 Cover sub-assembly

#### Mounting beyond 30 mm 1.18"



Grey  **CPCP6** 1SNA 114 430 R1500  
 1 Cover sub-assembly

Grey  **CPCI**  
 2 Cover - see table with lengths of bars

#### Accessories

|                               | Type       | Part numbers                                   | Type       | Part numbers                                   | Type       | Part numbers                                   |
|-------------------------------|------------|--|------------|--|------------|--|
| 3 Mounting bar                | <b>BDA</b> | to be ordered with the plug                    | <b>BDA</b> | to be ordered with the plug                    | <b>BDA</b> | to be ordered with the plug                    |
| 4 Assembly screw              | <b>VSA</b> | 2 screws delivered with the cover sub-assembly | <b>VSA</b> | 2 screws delivered with the cover sub-assembly | <b>VSA</b> | 2 screws delivered with the cover sub-assembly |
| R Voir chapitre repérage mode |            | RC610  |            | RC610  |            | RC610 - RTM9                                   |

#### Part numbers of covers and mounting bars

**BDA** and **CPCI** have to be defined regarding the required assembly. For this, calculate the length of these accessories in millimeters using the following formulas :

**Assembly with 1 key element** - not mounted at the end of the assembly (see page "Assembly")

$$\text{Spacing} (n-1) + 12$$

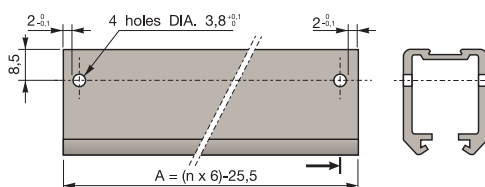
**Assembly with 2 key elements** - 1 at each end of the assembly (see page "Assembly")

$$n (\text{Spacing}) + 12$$

(n = number of plugs in the connector)

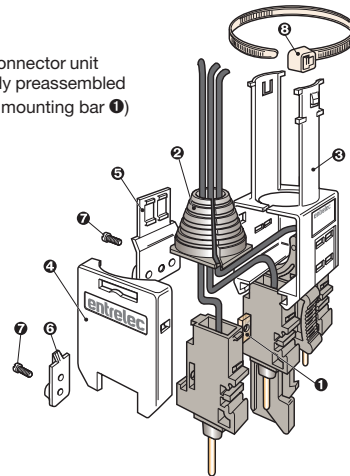
| Length mm | Bar BDA            | Cover 2 CPCI       | Cover sub- 1 assembly CPCP... |
|-----------|--------------------|--------------------|-------------------------------|
| 24        | 1SNA 167 054 R2000 | -                  | 1SNA 114 432 R0300            |
| 30        | 1SNA 167 055 R2100 | -                  | 1SNA 114 431 R0200            |
| 36        | 1SNA 167 056 R2200 | 1SNA 114 353 R2300 | 1SNA 114 430 R1500            |
| 42        | 1SNA 167 057 R2300 | 1SNA 114 354 R2400 | 1SNA 114 430 R1500            |
| 48        | 1SNA 167 058 R0400 | 1SNA 114 356 R2600 | 1SNA 114 430 R1500            |
| 54        | 1SNA 167 059 R0500 | 1SNA 114 358 R0000 | 1SNA 114 430 R1500            |
| 60        | 1SNA 167 060 R0200 | 1SNA 114 359 R0100 | 1SNA 114 430 R1500            |
| 66        | 1SNA 167 061 R2700 | 1SNA 114 361 R2300 | 1SNA 114 430 R1500            |
| 72        | 1SNA 167 062 R2000 | 1SNA 114 375 R2100 | 1SNA 114 430 R1500            |
| 78        | 1SNA 167 063 R2100 | 1SNA 114 377 R2300 | 1SNA 114 430 R1500            |
| 84        | 1SNA 167 064 R2200 | 1SNA 114 380 R2300 | 1SNA 114 430 R1500            |
| 90        | 1SNA 167 065 R2300 | 1SNA 114 381 R1000 | 1SNA 114 430 R1500            |
| 96        | 1SNA 167 066 R2400 | 1SNA 114 383 R1200 | 1SNA 114 430 R1500            |
| 102       | 1SNA 167 067 R2500 | 1SNA 114 385 R1400 | 1SNA 114 430 R1500            |
| 108       | 1SNA 167 068 R0600 | 1SNA 114 390 R2500 | 1SNA 114 430 R1500            |
| 114       | 1SNA 167 069 R0700 | 1SNA 114 401 R1500 | 1SNA 114 430 R1500            |
| 120       | 1SNA 167 070 R0400 | 1SNA 114 404 R1000 | 1SNA 114 430 R1500            |
| 1000      | 1SNA 008 370 R2200 | 1SNA 114 427 R0600 | 1SNA 114 430 R1500            |

#### Machining diagram for cut of covers by the user, sold in length of 1000 mm.



#### Assembly of the cover on a connector unit up to 30 mm.

(the connector unit already preassembled on its mounting bar ❶)



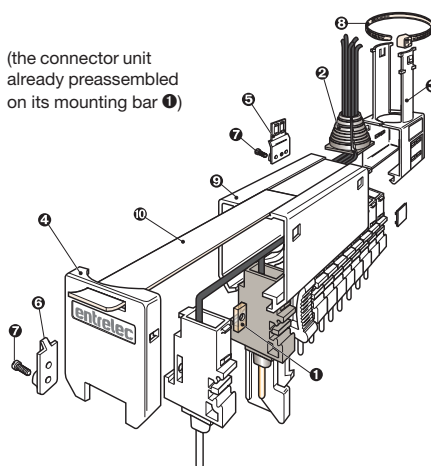
#### Assembly procedure

1. Cut the wire-guide ❷ if necessary, to the required diameter and close it around the wire.
2. Place the wire-guide in the cover ❸ taking care to orientate it correctly (**ABBENTRELEC** marking visible).
3. Slide the cover ❸ over the elements.
4. Snap the cap ❹ on the cover ❸.
5. Snap part ❺ on the cover ❸ and tighten the assembly by the screw ❽ facing the end piece.
6. Lock the cap ❹ using part ❻ and tighten the assembly by a screw ❽.
7. Clamp the wire between the cable-clamp tags, using a wire tie ❾, 4,6 mm to 9 mm wide.

Note : Please note that the cable clamp cover ❸ and the cap ❹ can be mounted either to the right or to the left of the connector unit.

#### Assembly of the cover on a connector unit beyond 30 mm.

(the connector unit already preassembled on its mounting bar ❶)



#### Assembly procedure

1. Cut the wire-guide ❷ if necessary, to the required diameter and close it around the wire.
2. Place the wire-guide in the cover ❸ taking care to orientate it correctly (**ABBENTRELEC** marking visible).
3. Slide the cover ❸ over the elements.
4. Slide the hood ❹ over the elements until it latches on the cover ❸.
5. Snap the cap ❺ onto the hood ❹.
6. Snap part ❻ on the cover ❸ and tighten the assembly by a screw ❽ facing the end piece.
7. Lock the cap ❺ using part ❼ and tighten the assembly by a screw ❽.
8. Clamp the wire between the cable-clamp tags, using a polyamid wire tie ❾, 4,6 mm to 9 mm wide.
9. Mark the hood ❹ if required, using the blank strip ❿ for manual inscriptions.

# Assembly

The spacing of the connector assembly is determined in function of the thickness of the plug elements : 6 mm. This spacing increases using separators **IN** to be located between the elements up to 8, 10 or 12 mm spacings.  
To get these spacings, see examples hereunder in function of the number of key elements : 1 or 2 (n is the number of elements in the connector).

Example :

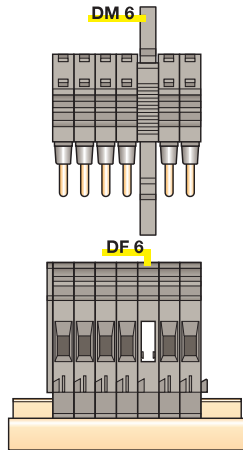
| Separators  | Number |
|-------------|--------|
| <b>IN10</b> | = 2    |
| <b>IN20</b> | = n-2  |

## IN - Grey separator

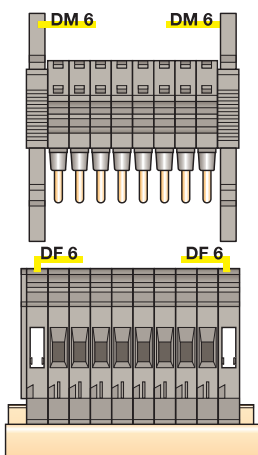
|             |                    |            |
|-------------|--------------------|------------|
| <b>IN10</b> | 1SNA 113 112 R0100 | th. 1,0 mm |
| <b>IN16</b> | 1SNA 113 114 R0300 | th. 1,6 mm |
| <b>IN20</b> | 1SNA 113 115 R0400 | th. 2,0 mm |
| <b>IN24</b> | 1SNA 113 116 R0500 | th. 2,4 mm |

### Assembly spacing 6 mm

with 1 key element DM 6  
NOT MOUNTED AT THE END OF THE ASSEMBLY

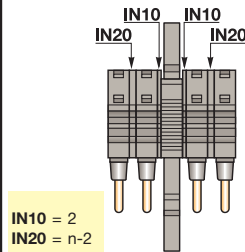


with 2 key elements DM 6  
1 AT EACH END OF THE ASSEMBLY

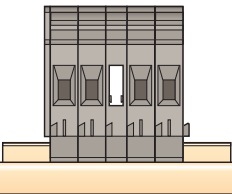


### Assembly spacing 8 mm

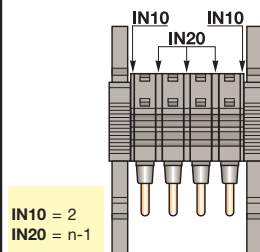
with 1 key element DM 6  
NOT MOUNTED AT THE END OF THE ASSEMBLY



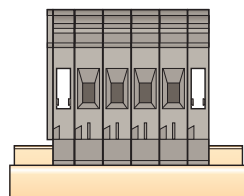
IN10 = 2  
IN20 = n-2



with 2 key elements DM 6  
1 AT EACH END OF THE ASSEMBLY

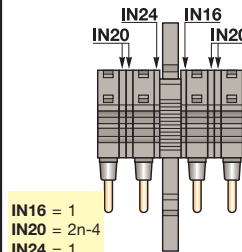


IN10 = 2  
IN20 = n-1

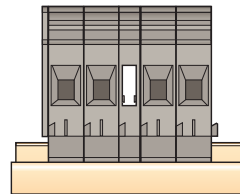


### Assembly spacing 10 mm

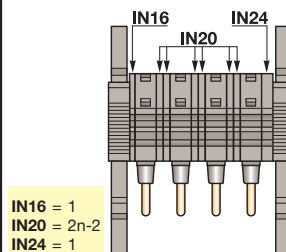
with 1 key element DM 6  
NOT MOUNTED AT THE END OF THE ASSEMBLY



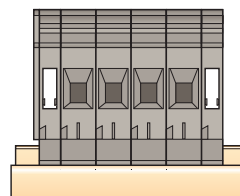
IN16 = 1  
IN20 = 2n-4  
IN24 = 1



with 2 key elements DM 6  
1 AT EACH END OF THE ASSEMBLY

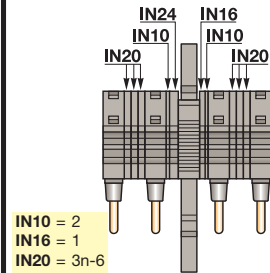


IN16 = 1  
IN20 = 2n-2  
IN24 = 1

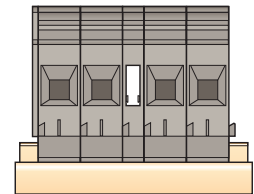


### Assembly spacing 12 mm

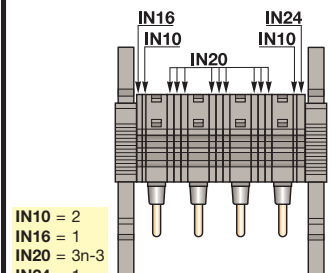
with 1 key element DM 6  
NOT MOUNTED AT THE END OF THE ASSEMBLY



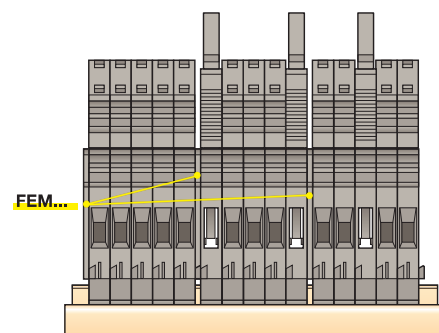
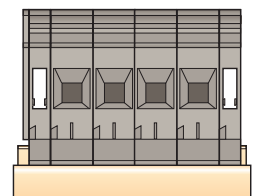
IN10 = 2  
IN16 = 1  
IN20 = 3n-6  
IN24 = 1



with 2 key elements DM 6  
1 AT EACH END OF THE ASSEMBLY



IN10 = 2  
IN16 = 1  
IN20 = 3n-3  
IN24 = 1



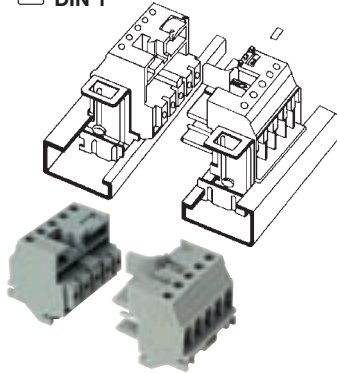
#### IMPORTANT NOTE

When two or several connectors are located side by side, it is necessary to separate, with an end section, the groups of terminal blocks linked with each socket of connectors, so that nothing interferes with removal of one of the connectors.



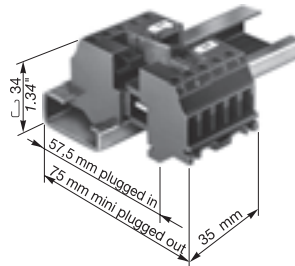
## Connectors

DIN 1



- Pin DIA. 2 mm with patented flexible contact
- Key element device
- Locking in plugged position
- Double adjustment on rail

### CF 4/5



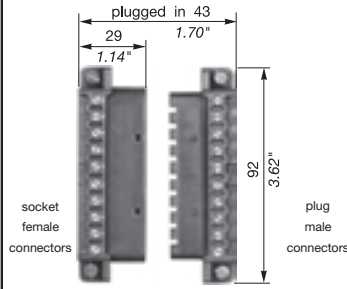
Slides on PR1 DIN rail

5 circuits with screw clamp connection

Grey  **CF 4/5** 1SNA 115 028 R1200  
Female part only

Grey  **CF 4/5** 1SNA 115 029 R1300  
Male part only

### CF 4/10



delivered with fixing screw CM4/12 + nuts.

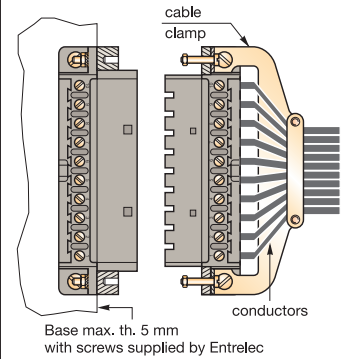
10 circuits with screw clamp connection

Grey  **CF 4/10** 1SNA 115 050 R2400  
Socket (female connectors)

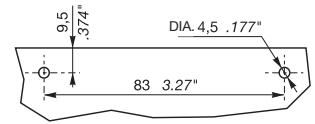
Grey  **CF 4/10** 1SNA 115 051 R1100  
Plug (male connectors)

## Mounting

### Flat view

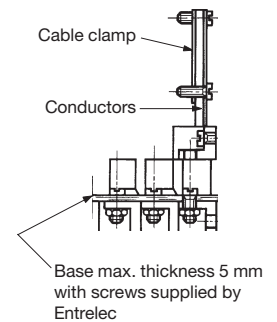


### DRILLING

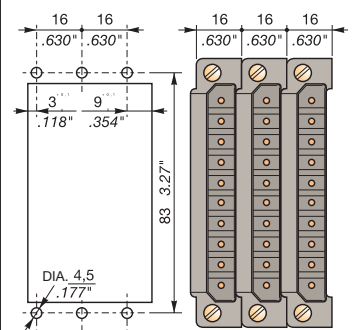


## Cross

### JUXTAPOSABLE



### DRILLING



## Wire size

|                   |         |
|-------------------|---------|
| <b>Conductors</b> | H07 V-R |
| <b>CENELEC</b>    | H07 V-K |

Wire strip. length - Recom. screwdriver

7 mm - DIA. 4

| CF 4/5                      |  |  |  | CF 4/10                     |  |  |  |
|-----------------------------|--|--|--|-----------------------------|--|--|--|
| screw clamp mm <sup>2</sup> |  |  |  | screw clamp mm <sup>2</sup> |  |  |  |
| 0,5 - 4                     |  |  |  | 0,5 - 4                     |  |  |  |
| 0,5 - 4                     |  |  |  | 0,5 - 4                     |  |  |  |
| 7 mm - DIA. 4               |  |  |  | 7 mm DIA. 4                 |  |  |  |

| CF 4/5   |      |                    |  | CF 4/10  |      |                    |  |
|----------|------|--------------------|--|----------|------|--------------------|--|
| ~ Un V = | In A | Sn mm <sup>2</sup> |  | ~ Un V = | In A | Sn mm <sup>2</sup> |  |
| 500      | 30   | 4                  |  | 400 250  | 20   | 4                  |  |
| 500 600  | 27   | 4                  |  | 500 600  | 20   | 4                  |  |
| 300      | 25   | 12 AWG             |  | 300      | 20   | 12 AWG             |  |

## Approvals



## Accessories

| Type   | Part numbers                     |
|--|----------------------------------|
| 1 Rail 32 x 15 x 1,5   | PR1Z2 1SNA 163 050 R0400         |
| 2 End stop   | BAE th. 10 mm 1SNA 164 519 R2400 |
| Positive locking (1 per full connector)                                |                                  |
| Straight short model cable clamp for flat cable (1 per plug or socket) |                                  |
| Bent cable clamp for flat cable (1 per plug or socket)                 |                                  |
| Coding pin (flat mount, 1 per full connector)                          |                                  |
| Coding pin (base mount, 1 per full connector)                          |                                  |

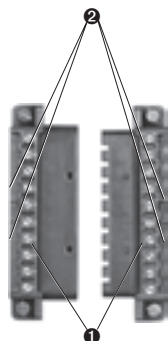
| Type  | Part numbers       |
|-------|--------------------|
| VP    | 1SNA 168 279 R2700 |
| STD1P | 1SNA 168 275 R1300 |
| STIP  | 1SNA 168 276 R1400 |
| PC1   | 1SNA 173 703 R0600 |
| PC2   | 1SNA 174 559 R0600 |

## R Marking

method

see below

## Marking



1 Plugs and sockets have moulded premarking.

2 REH2

### REH2 Stickers 5 x 3,5 mm

Card of 1140 precut stickers

✓ Blank

REH2 1SNA 163 142 R2100

✓ Printed

8 séries de 001 à 140

REH2 1SNA 163 143 R2200

✓ Printed

8 series from 141 to 280

REH2 1SNA 163 148 R0700

Card of 300 precut stickers

✓ Printed

30 series from 001 to 010

REH2 1SNA 164 505 R2700

✓ Printed

15 series from 001 to 020

REH2 1SNA 164 506 R2000

Card of 502 precut stickers

✓ Printed

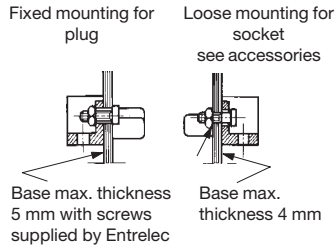
6 series from 001 to 075  
+ 2 series from A to Z

REH2 1SNA 164 507 R2100

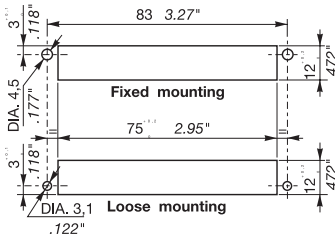


### Mounting (cont.)

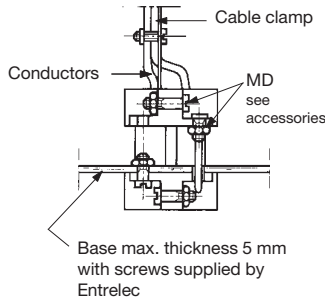
#### Bottom of drawer



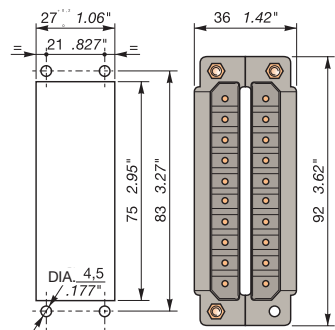
#### DRILLING



#### Double mounting (20 points)



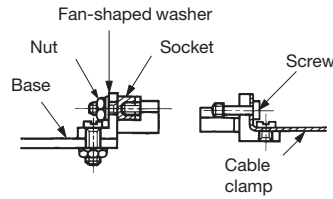
#### DRILLING



### Accessories

#### VP Positive locking

VP 1SNA 168 279 R2700



#### Mounting :

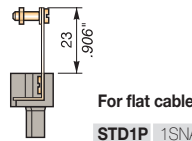
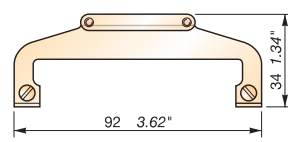
Mount the socket, the fan-shaped washer and the nut on the plug socket after fixing it on the base.

Mount the screw on the plug after fixing it on the potential cable clamp.

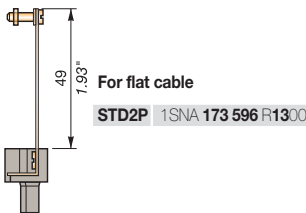
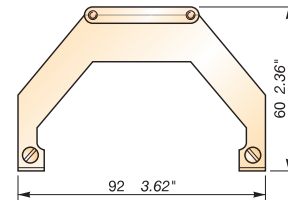
The positive locking cannot be used in a bottom of drawer, double or alley mounting.

#### STD Straight cable clamp

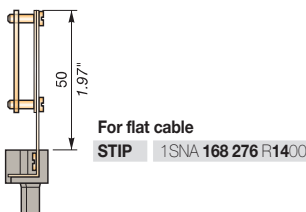
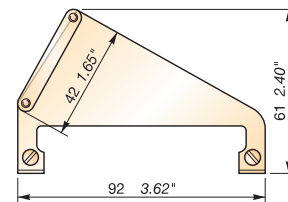
##### Short model



##### Long model

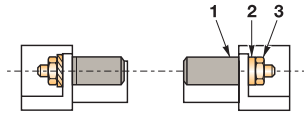


#### STI Bent cable clamp



#### PC Coding pins

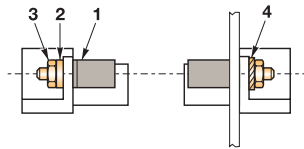
##### Flat mounting with coding



PC1 1SNA 173 703 R0600

- 1 Encoder
- 2 Fan-shaped washer
- 3 HM4 nut

##### Cross mounting with coding



PC2 1SNA 174 559 R0600

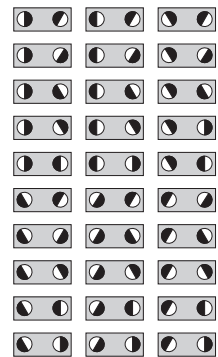
- 1 Encoder
- 2 Flat washer (to be mounted on the moving side)
- 3 HM4 nut
- 4 Fan-shaped washer

Coding details are the same for these two types of coding.

Each pin can be positioned in 6 different ways.

The positions shown hereunder are for coding pins on socket or plug ; put the coding pins in the reverse position on corresponding socket or plug.

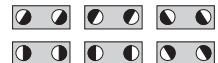
#### Part coding details



In some cases depending on the positions chosen, polarization of the connector is made by one coding pin only.

Ex :

#### 6 cases of total coding



Polarization is made by 2 coding pins.

E

6

