

# Feed through and ground Terminal blocks

Screw clamp  DIN 1-3

## M 6/8 - 6 mm<sup>2</sup> blocks - 8 mm .315" spacing

| Characteristics                    |                       | IEC<br>NFC DIN           | UL       | CSA      |
|------------------------------------|-----------------------|--------------------------|----------|----------|
| Wire size<br>mm <sup>2</sup> / AWG | Solid                 | 0.5 - 10                 | 22-8 AWG | 24-8 AWG |
|                                    | Stranded              | 0.5 - 6                  |          |          |
| Voltage                            | V                     | 800                      | 600      | 600      |
| Current                            | A                     | 41                       | 50       | 55       |
| Short circuit current (M 6/8,PI)   | A / s                 | 720A/1s                  |          |          |
| Rated wire size                    | mm <sup>2</sup> / AWG | 6 mm <sup>2</sup>        | 8 AWG    | 8 AWG    |
| Wire stripping length              | mm / inches           | 12 mm / .47"             |          |          |
| Recommended torque                 | Nm / lb.in            | 0.8-1 Nm / 7.1-8.9 lb.in |          |          |

### Selection

| Description   | Type                              | Order P/N          | Packaging Weight<br>kg |
|---|-----------------------------------|--------------------|------------------------|
| Standard block grey   | <input type="checkbox"/> M 6/8    | 1SNA 115 118 R1100 | 50                     |
| Standard block blue   | <input type="checkbox"/> M 6/8.N  | 1SNA 125 118 R1300 | 50                     |
| Standard block yellow   | <input type="checkbox"/> M 6/8    | 1SNA 105 004 R2200 | 50                     |
| Standard block orange   | <input type="checkbox"/> M 6/8    | 1SNA 105 118 R2000 | 50                     |
| Standard block beige V0   | <input type="checkbox"/> M 6/8.VO | 1SNA 195 118 R1200 | 50                     |
| Ground block yellow body/<br>green marking (without rail contact) | <input type="checkbox"/> M 6/8.PI | 1SNA 165 451 R2100 | 50                     |

### Accessories

|  |          |                          |         |                    |                    |    |
|--|----------|--------------------------|---------|--------------------|--------------------|----|
| End stop                                       |          | BAM                      | 9,1 mm  | 1SNA 103 002 R2600 | 50                 |    |
| End section                                    | grey     | <input type="checkbox"/> | FEM6    | 2.8 mm             | 1SNA 118 368 R1600 | 20 |
|  | blue     | <input type="checkbox"/> | FEM6    | 2.8 mm             | 1SNA 128 368 R1000 | 20 |
|  | orange   | <input type="checkbox"/> | FEM6    | 2.8 mm             | 1SNA 103 126 R1600 | 20 |
|  | yellow   | <input type="checkbox"/> | FEM6    | 2.8 mm             | 1SNA 103 062 R2100 | 20 |
|  | green    | <input type="checkbox"/> | FEM6    | 2.8 mm             | 1SNA 103 125 R1500 | 20 |
| Separator end section                          | grey     | <input type="checkbox"/> | SCF6    | 3 mm               | 1SNA 118 707 R0300 | 20 |
| Assembled jumper bar<br>(with IP20 protection) | 2 poles  |                          | BJM18   | 41 A               | 1SNA 176 669 R1600 | 10 |
|  | 3 poles  |                          | BJM18   | 41 A               | 1SNA 176 670 R1300 | 10 |
|  | 4 poles  |                          | BJM18   | 41 A               | 1SNA 176 671 R0000 | 10 |
|  | 5 poles  |                          | BJM18   | 41 A               | 1SNA 176 672 R0100 | 10 |
|  | 10 poles |                          | BJM18   | 41 A               | 1SNA 176 673 R0200 | 10 |
| Screwless jumper bar<br>(with IP20 protection) | 2 poles  |                          | BJE8.2  | 41 A               | 1SNA 299 712 R0500 | 15 |
|  | 3 poles  |                          | BJE8.3  | 41 A               | 1SNA 299 713 R0600 | 50 |
|  | 4 poles  |                          | BJE8.4  | 41 A               | 1SNA 299 714 R0700 | 30 |
|  | 5 poles  |                          | BJE8.5  | 41 A               | 1SNA 299 715 R0000 | 30 |
|  | 10 poles |                          | BJE8.10 | 41 A               | 1SNA 299 720 R1100 | 10 |

## M 6/8.P - 6 mm<sup>2</sup> ground block with rail contact - 8 mm .315" spacing

| Characteristics                    |                       | IEC<br>NFC DIN           | UL       | CSA      |
|------------------------------------|-----------------------|--------------------------|----------|----------|
| Wire size<br>mm <sup>2</sup> / AWG | Solid                 | 0.5 - 10                 | 22-8 AWG | 24-8 AWG |
|                                    | Stranded              | 0.5 - 6                  |          |          |
| Short circuit current              | A / s                 | 720A/1s                  |          |          |
| Rated wire size                    | mm <sup>2</sup> / AWG | 6 mm <sup>2</sup>        | 8 AWG    | 8 AWG    |
| Wire stripping length              | mm / inches           | 12 mm / .47"             |          |          |
| Recommended torque                 | Nm / lb. in           | 0.8-1 Nm / 7.1-8.9 lb.in |          |          |

### Selection

| Description                            | Type                             | Order P/N          | Packaging Weight<br>kg |
|--|----------------------------------|--------------------|------------------------|
| Ground block V2 green/yellow           | <input type="checkbox"/> M 6/8.P | 1SNA 165 114 R1700 | 50                     |
| Mounting on rail DIN 3 without screw : |                                  |                    |                        |
| Ground block V2 green/yellow           | <input type="checkbox"/> D 6/8.P | 1SNA 165 830 R2100 | 50                     |

### Accessories

|                       |           |                          |         |        |                    |    |
|-----------------------|-----------|--------------------------|---------|--------|--------------------|----|
| End section           | yellow    | <input type="checkbox"/> | FEM6    | 2.8 mm | 1SNA 103 062 R2100 | 20 |
|                       | yellow V0 | <input type="checkbox"/> | FEM6 V0 | 2.8 mm | 1SNA 199 305 R0200 | 20 |
| Separator end section | grey      | <input type="checkbox"/> | SCF6    | 3 mm   | 1SNA 118 707 R0300 | 20 |

