

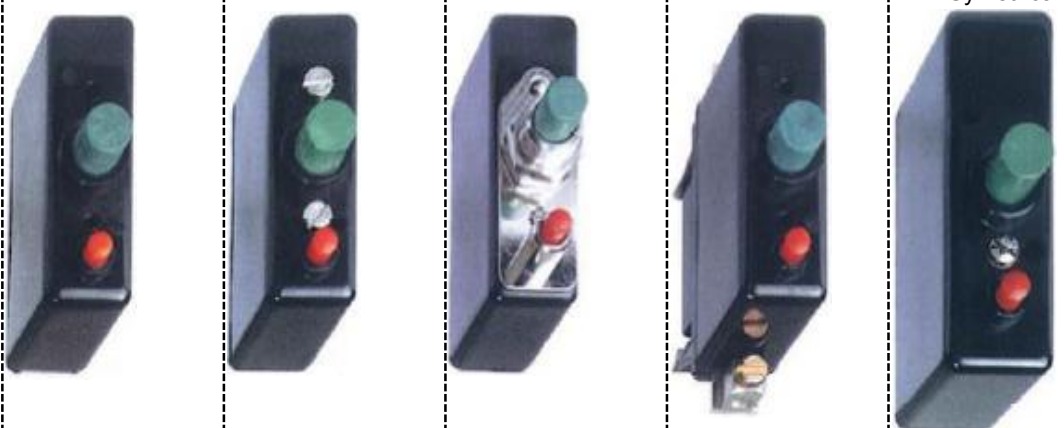
Diruptor Range 7000

Technical Data

| Range | 7000 | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|------|------|------|--|----------------|------|---|----------------|------|------|---|---------|------|------|-------------|-------------|--|--|--|--|
| Mounting | 0 Plug-in 9 Plug in base for Print Circuit | | | | 1 Flush Mounting 2 Screws on Front Face | | | 2 Flush Mounting Threaded Collar on Front Face | | | | 3 Snap on DIN Rail Asymmetrical 7 Symmetrical | | | | 5 Push-push | | | | | |
| Number of Poles | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | | | | | |
| Standard Connections | 0 | 707 | 9 | 409 | 101-104-204-409 | 463-514(2)-909 | | 101-104-204 | 409-463-514(2) | | | | 402-413 | | | | 101-104-409 | | | | |
| Rated Voltages | 230/400VAC, 72VDC | | | | | | | | | | | | | | | | | | | | |
| Release Characteristics | | | | | | | | | | | | | | | | | | | | | |
| Thermal | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | | | | | |
| Rated Current, A | 20 | 20 | 20 | 20 | 40 | 32 | 32 | 40 | 32 | 32 | 32 | 40 | 32 | 32 | 32 | 40 | | | | | |
| Thermal-magnetic | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | | | | | |
| Rated Current, A | 20 | 20 | 20 | 20 | 40 | 32 | 32 | 40 | 32 | 32 | 32 | 40 | 32 | 32 | 32 | 40 | | | | | |
| Magnetic Only (1) | 14A eff. 20A, AC Maxi | | | | | | | | | | | | | | | | - | | | | |
| Rated Current, A (1) | 14A eff. 20A, AC Maxi | | | | | | | | | | | | | | | | - | | | | |
| Mixed Poles | - | ■ | ■ | ■ | - | ■ | ■ | - | ■ | ■ | ■ | - | ■ | ■ | ■ | - | | | | | |
| Special Characteristics | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | |
| Number of Electrical Cycles | 8000 | | | | 8000 | | | 8000 | | | | 8000 | | | | 8000 | | | | | |
| Breaking Capacity | Up to 1500A, AC/1500A, DC48V(56V)/800A, DC72V(90V) | | | | | | | | | | | | | | | | | | | | |
| Tropicalization | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | |
| Compensation | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | |
| Adjustment at 60°C | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | |
| Special Contacts, thermal onl | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | |
| Special Adjustment for Magnetic Relea | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | |
| Outside Control of Release | On Request | | | | | | | | | | | | | | | | | | | | |
| Auxiliary Contacts | | | | | | | | | | | | | | | | | | | | | |
| Normally Open | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | |
| Normally Closed | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | |
| Changeover | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | |
| Marking | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | |
| Raised Base | ■ | ■ | ■ | ■ | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| Base for Print Circuit | ■ | ■ | ■ | ■ | - | - | - | ■ | ■ | ■ | ■ | - | - | - | - | ■ | | | | | |
| Base for Rail DIN | ■ | ■ | ■ | ■ | - | - | - | ■ | ■ | ■ | ■ | - | - | - | - | - | | | | | |
| Waterproof Cap | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | |

Diruptor Range Option HP and 7500

Technical Data

| Range | Option HP | | | | 7500 | | | | | |
|---|---|--|---|---|--|--|--|--|--|--|
| Mounting | 0 Plug-in 9 Plug in base for Print Circuit | 1 Flush Mounting 2 Screws on Front Face | 2 Flush Mounting Threaded Collar on Front Face | 3 Snap on DIN Rail Asymetrical 7 Symetrical | 1 Flush Mounting 1 Screw on Front Face 3 Asymetrical 7 Symetrical |  | | | | |
| Number of Poles | 1 2 3 4 | 1 2 3 | 1 2 3 4 | 1 2 3 4 | 1 | | | | | |
| Standard Connections | 0 707 9 409 909 | 101-104-463-514 | 101-104-409-514 | 402-413 | 502-504 | | | | | |
| Rated Voltages | 230/400VAC, 30VDC | | | | | | | | | |
| Release Characteristics | | | | | | | | | | |
| Thermal | - - - - | - - - | | | | 2 | | | | |
| Rated Current, A | | | | | | 100 | | | | |
| Thermal-magnetic | 2 2 2 2 | 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 | | | | |
| Rated Current, A | 20 20 20 20 | 40 32 32 | 40 32 32 32 | 40 32 32 32 | 40 32 32 32 | 70 | | | | |
| Magnetic Only (1) | | | | | | - | | | | |
| Rated Current, A (1) | | | | | | | | | | |
| Mixed Poles | - ■ ■ ■ | - ■ ■ | - ■ ■ ■ | - ■ ■ ■ | - ■ ■ ■ | - | | | | |
| Special Characteristics | ■ ■ ■ ■ | ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | ■ | | | | |
| Number of Electrical Cycles | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | | | | |
| Breaking Capacity | 6kA, AC | | | | | | | | | |
| Tropicalization | ■ ■ ■ ■ | ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | ■ | | | | |
| Compensation | - - - - | - - - - | - - - - | - - - - | - - - - | - | | | | |
| Adjustment at 60°C | ■ ■ ■ ■ | ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | ■ | | | | |
| Special Contacts, thermal only | - - - - | - - - | - - - - | - - - - | - - - - | - | | | | |
| Special Adjustment for Magnetic Release | ■ ■ ■ ■ | ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | ■ | | | | |
| Outside Control of Release | On Request | | | | | | | | | |
| Auxiliary Contacts | | | | | | | | | | |
| Normally Open | - - - - | - - - - | - - - - | - - - - | - - - - | - | | | | |
| Normally Closed | - - - - | - - - - | - - - - | - - - - | - - - - | - | | | | |
| Changeover | - - - - | - - - - | - - - - | - - - - | - - - - | ■ | | | | |
| Marking | ■ ■ ■ ■ | ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | ■ | | | | |
| Raised Base | ■ ■ ■ ■ | - - - - | - - - - | - - - - | - - - - | - | | | | |
| Base for Print Circuit | ■ ■ ■ ■ | - - - - | - - - - | - - - - | - - - - | - | | | | |
| Base for Rail DIN | ■ - - - | - - - - | - - - - | - - - - | - - - - | - | | | | |
| Waterproof Cap | ■ ■ ■ ■ | ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | ■ ■ ■ ■ | - | | | | |

Diruptor Range 7000, Option HP and 7500

Dimensions of Diruptor

Front View

1
Screw Fixing
Range 7000: 2 screws 3.5x5
Range 7500: 1 screw 5x5

2
Threaded Collar M12

| | A | B | C | D | E | F | H | J | K | L |
|----|----|----|----|----|----|-----|----|----|----|-----|
| 1P | 18 | 56 | 50 | 40 | 31 | 2.5 | 20 | 14 | 8 | 9.5 |
| 2P | 39 | 57 | 58 | 48 | 37 | 4 | 20 | 14 | 8 | 11 |
| 3P | 60 | 57 | 58 | 48 | 37 | 4 | 20 | 14 | 8 | 11 |
| 4P | 28 | 86 | 78 | 62 | - | 5 | 28 | 19 | 11 | 16 |

| | A | B | C | D | E | F | H |
|----|----|----|----|----|----|-----|----|
| 1P | 18 | 56 | 58 | 43 | 33 | 5.5 | 20 |
| 2P | 39 | 57 | 65 | 51 | 40 | 5.5 | 20 |
| 3P | 60 | 57 | 65 | 51 | 40 | 5.5 | 20 |
| 4P | 80 | 58 | 69 | 54 | 43 | 5.5 | 20 |

7
Symetrical Rail 35mm

3
Asymetrical Rail 32mm

Plug In
0 Pins Ø7mm
9 Fast Connections 6.35x0.8

| | A | B | C | D | E | F | H | J | K | L | C* | D* | L* |
|------|----|----|----|----|-----|-----|----|----|----|----|----|----|----|
| 1P | 18 | 56 | 58 | 49 | 2.5 | 77 | 20 | 14 | 8 | 20 | 65 | 56 | 26 |
| 2P | 39 | 57 | 66 | 56 | 4 | 77 | 20 | 14 | 8 | 20 | 73 | 62 | 26 |
| 3P | 60 | 57 | 66 | 56 | 4 | 77 | 20 | 14 | 8 | 20 | 73 | 63 | 26 |
| 4P | 80 | 58 | 69 | 59 | 4 | 77 | 20 | 14 | 8 | 20 | 76 | 66 | 26 |
| 7500 | 28 | 86 | - | - | 5 | 118 | 28 | 19 | 11 | - | 89 | 72 | 26 |

| | A | B | C* | D* | E | F | H | J | K | M | N* |
|----|------|------|------|------|------|----|----|----|---|-----|----|
| 1P | 18.4 | 56.0 | 58.5 | 49.0 | 30.5 | 20 | 20 | 14 | 8 | 2.5 | 15 |
| 2P | 39.0 | 56.5 | 66.0 | 55.5 | 36.5 | 20 | 20 | 14 | 8 | 4 | 15 |
| 3P | 59.5 | 56.5 | 66.0 | 55.5 | 36.5 | 20 | 20 | 14 | 8 | 4 | 15 |
| 4P | 79.5 | 57.5 | 69.5 | 59.5 | 40.5 | 20 | 20 | 14 | 8 | 4 | 15 |

Standard Connections

101

104 - 504

403

453

**909
409**

402 - 502

413

204

463

