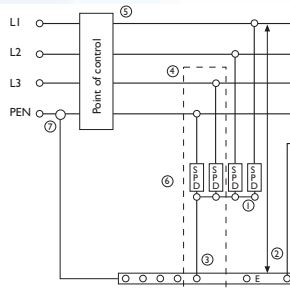




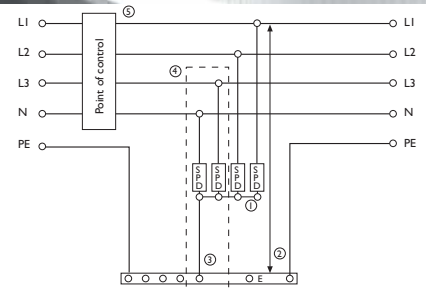
QKL-1(13)



QKL-1(13)D



TN-C-S



TN-S\*

\*SINGLE PHASE

## Surge Protection Devices

Surge Protection Devices

### Clip-in Dual Mounted Surge Protection Devices

#### Imax 10 kA (8/20 μs) Surge Protection Devices<sup>1</sup>: 275 V Mini Rail (57 mm Escutcheon) - Class II

H2

| Product    | Description                               | Width | Std Pack | Price ea. | Order No. |
|------------|---|-------|----------|-----------|-----------|
| QFL-1(13)  | 1 Pole 275 V, with indication             | 13 mm | 12       | 222.00    | QFLM0001  |
| QFLN-2(13) | 1 Pole and Neutral 275 V, with indication | 26 mm | 6        | 422.00    | QFLM0002  |
| QFL-3(13)  | 3 Pole 275 V, with indication             | 39 mm | 4        | 631.00    | QFLM0003  |
| QFLN-4(13) | 3 Pole and Neutral 275 V, with indication | 52 mm | 3        | 842.00    | QFLM0004  |

#### Imax 40 kA (8/20 μs) Surge Protection Devices<sup>2</sup>: 275 V Mini Rail (57 mm Escutcheon) - Class II

H2

| Product    | Description                               | Width | Std Pack | Price ea. | Order No. |
|------------|---|-------|----------|-----------|-----------|
| QKL-1(13)  | 1 Pole 275 V, with indication             | 13 mm | 12       | 554.00    | QKLM0001  |
| QKLN-2(13) | 1 Pole and Neutral 275 V, with indication | 26 mm | 6        | 1 060.00  | QKLM0002  |
| QKL-3(13)  | 3 Pole 275 V, with indication             | 39 mm | 4        | 1 591.00  | QKLM0003  |
| QKLN-4(13) | 3 Pole and Neutral 275 V, with indication | 52 mm | 3        | 2 120.00  | QKLM0004  |

#### Imax 10 kA (8/20 μs) Surge Protection Devices<sup>1</sup>: 275 V DIN Rail (45 mm Escutcheon) - Class II

H2

| Product     | Description                               | Width | Std Pack | Price ea. | Order No. |
|-------------|---|-------|----------|-----------|-----------|
| QFL-1(13)D  | 1 Pole 275 V, with indication             | 13 mm | 12       | 222.00    | QFLD0001  |
| QFLN-2(13)D | 1 Pole and Neutral 275 V, with indication | 26 mm | 6        | 422.00    | QFLD0002  |
| QFL-3(13)D  | 3 Pole 275 V, with indication             | 39 mm | 4        | 631.00    | QFLD0003  |
| QFLN-4(13)D | 3 Pole and Neutral 275 V, with indication | 52 mm | 3        | 842.00    | QFLD0004  |

#### Imax 40 kA (8/20 μs) Surge Protection Devices<sup>2</sup>: 275 V DIN Rail (45 mm Escutcheon) - Class II

H2

| Product     | Description                               | Width | Std Pack | Price ea. | Order No. |
|-------------|---|-------|----------|-----------|-----------|
| QKL-1(13)D  | 1 Pole 275 V, with indication             | 13 mm | 12       | 554.00    | QKLD0001  |
| QKLN-2(13)D | 1 Pole and Neutral 275 V, with indication | 26 mm | 6        | 1 060.00  | QKLD0002  |
| QKL-3(13)D  | 3 Pole 275 V, with indication             | 39 mm | 4        | 1 591.00  | QKLD0003  |
| QKLN-4(13)D | 3 Pole and Neutral 275 V, with indication | 52 mm | 3        | 2 120.00  | QKLD0004  |

#### Imax 10 kA (8/20 μs) Surge Protection Devices<sup>1</sup>: 130 V Dual Mounted (45/57mm Escutcheon Class II) H2

| Product    | Description  | Width | Std Pack | Price ea. | Order No. |
|------------|--|-------|----------|-----------|-----------|
| QFL-1(13)  | 1 Pole 130 V, 5 kA with indication - Mini rail (57mm Escutcheon) | 13 mm | 12       | 222.00    | QFLM1001  |
| QFL-1(13)D | 1 Pole 130 V, 5 kA with indication - DIN rail (45mm Escutcheon)  | 13 mm | 12       | 232.00    | QFLD1001  |

Notes: 1. Required to be backed up by a QA MCB 2. Required to be backed up by a QF MCB

**CLASS II SPD'S ARE ONLY TO BE USED WHERE ITEMS ARE NOT SUBJECTED TO DIRECT LIGHTNING STRIKES AND THE VOLTAGE / CURRENT SURGES ARE ATTENUATED (REDUCED IN MAGNITUDE)**

| Product Type                         | QFL               | QKL               |
|--------------------------------------|-------------------|-------------------|
| Maximum Continuous Operating Voltage | 275 V AC (RMS)    | 275 V AC (RMS)    |
| Voltage Protection level (Peak)      | 1.5 kV            | 1.5 kV            |
| Nominal Discharge Current (Inom)     | 5 kA (8 / 20 μs)  | 20 kA (8 / 20 μs) |
| Maximum Discharge Current (Imax)     | 10 kA (8 / 20 μs) | 40 kA (8 / 20 μs) |
| Short Circuit Withstand              | 2.5 kA (50 Hz)    | 5 kA (50 Hz)      |