

Surge Protection Devices



QFL-2(13)



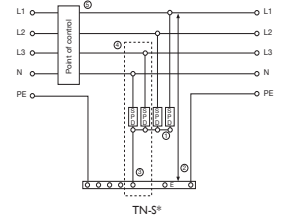
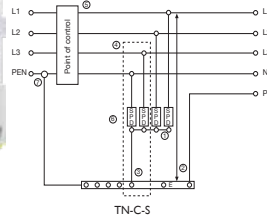
QFL-4(13)



QKL-2(13)D



QKL-4(13)D



**Clip-in Dual Mounted Surge Protection Devices
Imax 10 kA (8 / 20 μs) Surge Protection Devices: 275 V Mini Rail (57 mm Escutcheon) - Class II ¹** **H2**

Product	Description	Width	Std. Pack	Price Ea. excl. VAT	Order No.
QFL-1(13)	1 pole 275 V, with indication	13 mm	12	R 304.00	QFLM0001
QFLN-2(13)	1 pole and neutral 275 V, with indication	26 mm	6	R 576.00	QFLM0002
QFL-3(13)	3 pole 275 V, with indication	39 mm	4	R 863.00	QFLM0003
QFLN-4(13)	3 pole and neutral 275 V, with indication	52 mm	3	R 1 151.00	QFLM0004

Imax 40 kA (8 / 20 μs) Surge Protection Devices: 275 V Mini Rail (57 mm Escutcheon) - Class II ² **H2**

Product	Description	Width	Std. Pack	Price Ea. excl. VAT	Order No.
QKL-1(13)	1 pole 275 V, with indication	13 mm	12	R 757.00	QKLM0001
QKLN-2(13)	1 pole and neutral 275 V, with indication	26 mm	6	R 1 449.00	QKLM0002
QKL-3(13)	3 pole 275 V, with indication	39 mm	4	R 2 175.00	QKLM0003
QKLN-4(13)	3 pole and neutral 275 V, with indication	52 mm	3	R 2 897.00	QKLM0004

Imax 10 kA (8 / 20 μs) Surge Protection Devices¹: 275 V DIN Rail (45 mm Escutcheon) - Class II ¹ **H2**

Product	Description	Width	Std. Pack	Price Ea. excl. VAT	Order No.
QFL-1(13)D	1 pole 275 V, with indication	13 mm	12	R 304.00	QFLD0001
QFLN-2(13)D	1 pole and neutral 275 V, with indication	26 mm	6	R 576.00	QFLD0002
QFL-3(13)D	3 pole 275 V, with indication	39 mm	4	R 863.00	QFLD0003
QFLN-4(13)D	3 pole and neutral 275 V, with indication	52 mm	3	R 1 151.00	QFLD0004

Imax 40 kA (8 / 20 μs) Surge Protection Devices: 275 V DIN Rail (45 mm Escutcheon) - Class II ² **H2**

Product	Description	Width	Std. Pack	Price Ea. excl. VAT	Order No.
QKL-1(13)D	1 pole 275 V, with indication	13 mm	12	R 757.00	QKLD0001
QKLN-2(13)D	1 pole and neutral 275 V, with indication	26 mm	6	R 1 449.00	QKLD0002
QKL-3(13)D	3 pole 275 V, with indication	39 mm	4	R 2 175.00	QKLD0003
QKLN-4(13)D	3 pole and neutral 275 V, with indication	52 mm	3	R 2 897.00	QKLD0004

Imax 10 kA (8 / 20 μs) Surge Protection Devices: 130 V Dual Mounted - Class II ¹ **H2**

Product	Description	Width	Std. Pack	Price Ea. excl. VAT	Order No.
QFL-1(13)	1 pole 130 V, 5 kA with indication mini rail (57 escutcheon)	13 mm	12	R 304.00	QFLM1001
QFL-1(13)D	1 pole 130 V, 5 kA with indication DIN rail (45 escutcheon)	13 mm	12	R 317.00	QFLD1001

Notes:

1. Required to be backed up by a QA MCB (QFL)

2. Required to be backed up by a QF MCB (QKL)

Class II SPDs 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 (U _c)	275 Vac (RMS)	275 Vac (RMS)
Voltage Protection level (Peak) (U _p)	1.5 kV	1.5 kV
Nominal Discharge Current (Inom) (I _n)	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)
Lightning Protection Zone	OB to 1 or 1 to 2	OB to 1 or 1 to 2
SPD Class	Class II	Class II

Certification: SANS 61643-1 Class II