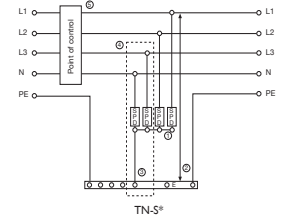
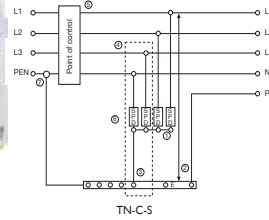


## Surge Protection Devices



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 <sup>1</sup>						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 309.00	QFLM0001	
QFLN-2(13)	1 pole and neutral 275 V, with indication	26 mm	6	R 585.00	QFLM0002	
QFL-3(13)	3 pole 275 V, with indication	39 mm	4	R 876.00	QFLM0003	
QFLN-4(13)	3 pole and neutral 275 V, with indication	52 mm	3	R 1 168.00	QFLM0004	
Imax 40 kA (8 / 20 μs) Surge Protection Devices: 275 V Mini Rail (57 mm Escutcheon) - Class II <sup>2</sup>						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 768.00	QKLM0001	
QKLN-2(13)	1 pole and neutral 275 V, with indication	26 mm	6	R 1 470.00	QKLM0002	
QKL-3(13)	3 pole 275 V, with indication	39 mm	4	R 2 208.00	QKLM0003	
QKLN-4(13)	3 pole and neutral 275 V, with indication	52 mm	3	R 2 941.00	QKLM0004	
Imax 10 kA (8 / 20 μs) Surge Protection Devices <sup>1</sup> : 275 V DIN Rail (45 mm Escutcheon) - Class II <sup>1</sup>						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 309.00	QFLD0001	
QFLN-2(13)D	1 pole and neutral 275 V, with indication	26 mm	6	R 585.00	QFLD0002	
QFL-3(13)D	3 pole 275 V, with indication	39 mm	4	R 876.00	QFLD0003	
QFLN-4(13)D	3 pole and neutral 275 V, with indication	52 mm	3	R 1 168.00	QFLD0004	
Imax 40 kA (8 / 20 μs) Surge Protection Devices: 275 V DIN Rail (45 mm Escutcheon) - Class II <sup>2</sup>						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 768.00	QKLD0001	
QKLN-2(13)D	1 pole and neutral 275 V, with indication	26 mm	6	R 1 470.00	QKLD0002	
QKL-3(13)D	3 pole 275 V, with indication	39 mm	4	R 2 208.00	QKLD0003	
QKLN-4(13)D	3 pole and neutral 275 V, with indication	52 mm	3	R 2 941.00	QKLD0004	
Imax 10 kA (8 / 20 μs) Surge Protection Devices: 130 V Dual Mounted - Class II <sup>1</sup>						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 309.00	QFLM1001	
QFL-1(13)D	1 pole 130 V, 5 kA with indication DIN rail (45 escutcheon)	13 mm	12	R 321.00	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 <sub>c</sub> )	275 Vac (RMS)	275 Vac (RMS)
Voltage Protection level (Peak) (U <sub>p</sub> )	1.5 kV	1.5 kV
Nominal Discharge Current (Inom) (I <sub>n</sub> )	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