

DC Range Overview



DC Range			
MCCB	Voltages	Current	Fault Level
B-Frame	24, 48, 65, 80 Vdc (300 Vdc - switch only, 10 A)	up to 30 A	0.6 kA
C-Frame MKIV	65, 80 Vdc	up to 50 A	4 kA
DD-Frame * (RAU option available)	80 Vdc	up to 400 A	10 kA
QDC / QY (13) *	80, 125 Vdc (250 Vdc up to 50 A)	up to 200 A	10 kA
JS25	80 Vdc	80 to 250 A	25 kA
JS25S	80 Vdc	300 to 750 A	20 kA
L20B	125 Vdc	800 to 1500 A	20 kA
G37D	250, 500 Vdc	15 to 125 A	20 kA (at 500 Vdc)
F37D	250, 500 Vdc	150 to 250 A	20 kA (at 500 Vdc)
K50D	250, 500 Vdc	250 to 400 A	20 kA (at 500 Vdc)
L65D	250, 500 Vdc	500 to 800 A	20 kA (at 500 Vdc)
G150D	250, 500, 750, 1000 Vdc	16 to 160 A	100 kA (at 1000 Vdc)
F150D	250, 500, 750, 1000 Vdc	40 to 250 A	100 kA (at 1000 Vdc)
K150D	250, 500, 750, 1000 Vdc	300 to 630 A	100 kA (at 1000 Vdc)
L150D	250, 500, 750, 1000 Vdc	800 A	100 kA (at 1000 Vdc)

QDC Range (80 Vdc, 125 Vdc) 80 Vdc Circuit Breakers 10 kA Curve U2 Mini Rail Mounting, 57 mm Escutcheon and DIN Rail Mounting, 45 mm Escutcheon

Type	Poles	Voltage	kA	MCB Width (mm)	Std. Pack	Ratings (A)	Price Ea.
QDC -1 (13) (Grey Handle)	1	80 Vdc	10	13 (1 Module)	12	5, 10, 15, 20, 25, 30, 40	TBA
						45, 50, 60	TBA
QDC-2(13) (Grey Handle)	2	80 Vdc	10	26 (2 Modules)	6	5, 10, 15, 20, 25	TBA
						30, 35, 40, 45, 50	TBA
QDC-2(13) (Grey Handle)	2 (Parallel)	80 Vdc	10	26 (2 Modules)	6	80	TBA
						100	TBA
QDC-3(13) (Grey Handle)	3 (Parallel)	80 Vdc	10	39 (3 Modules)	4	125,150	TBA

125 Vdc Circuit Breakers 10 kA Curve U2 Mini Rail Mounting, 57 mm Escutcheon and DIN Rail Mounting, 45 mm Escutcheon

Type	Poles	Voltage	kA	MCB Width (mm)	Std. Pack	Ratings (A)	Price Ea.
QDC -1 (13) (Grey Handle)	1	125 Vdc	10	13 (1 Module)	12	5, 10, 15, 20, 25, 30	TBA
						40, 45, 50, 60	TBA
QDC-2(13) (Grey Handle)	2	125 Vdc	10	26 (2 Modules)	6	5, 10, 15, 20, 25	TBA
						30, 40, 45, 50, 60	TBA
QDC-2(13) (Grey Handle)	2 (Parallel)	125 Vdc	10	26 (2 Modules)	6	80	TBA
						100	TBA

Notes: Contact CBI for details. Full range's data sheets available on www.cbi-lowvoltage.com. Standard discounts are not applicable.
* DIN rail option available.

Surge Protection Devices



QFL-2(13)



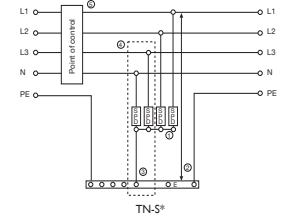
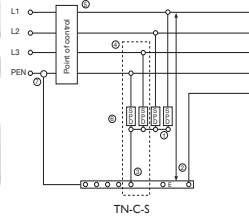
QFL-4(13)



QKL-1(13)D



QKL-4(13)D



**Clip-in Dual Mounted Surge Protection Devices
Imax 10 kA (8 / 20 μs) Surge Protection Devices¹: 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	R 229.00	QFLM0001
QFLN-2(13)	1 pole and neutral 275 V, with indication	26 mm	6	R 434.00	QFLM0002
QFL-3(13)	3 pole 275 V, with indication	39 mm	4	R 650.00	QFLM0003
QFLN-4(13)	3 pole and neutral 275 V, with indication	52 mm	3	R 867.00	QFLM0004

Imax 40 kA (8 / 20 μs) Surge Protection Devices²: 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	R 570.00	QKLM0001
QKLN-2(13)	1 pole and neutral 275 V, with indication	26 mm	6	R 1 092.00	QKLM0002
QKL-3(13)	3 pole 275 V, with indication	39 mm	4	R 1 639.00	QKLM0003
QKLN-4(13)	3 pole and neutral 275 V, with indication	52 mm	3	R 2 183.00	QKLM0004

Imax 10 kA (8 / 20 μs) Surge Protection Devices¹: 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	R 229.00	QFLD0001
QFLN-2(13)D	1 pole and neutral 275 V, with indication	26 mm	6	R 434.00	QFLD0002
QFL-3(13)D	3 pole 275 V, with indication	39 mm	4	R 650.00	QFLD0003
QFLN-4(13)D	3 pole and neutral 275 V, with indication	52 mm	3	R 867.00	QFLD0004

Imax 40 kA (8 / 20 μs) Surge Protection Devices²: 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	R 570.00	QKLD0001
QKLN-2(13)D	1 pole and neutral 275 V, with indication	26 mm	6	R 1 092.00	QKLD0002
QKL-3(13)D	3 pole 275 V, with indication	39 mm	4	R 1 639.00	QKLD0003
QKLN-4(13)D	3 pole and neutral 275 V, with indication	52 mm	3	R 2 183.00	QKLD0004

Imax 10 kA (8 / 20 μs) Surge Protection Devices¹: 130 V Dual Mounted - 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 (57 escutcheon)	13 mm	12	R 229.00	QFLM1001
QFL-1(13)D	1 pole 130 V, 5 kA with indication DIN rail (45 escutcheon)	13 mm	12	R 239.00	QFLD1001

Notes:

1. Required to be backed up by a QA MCB

2. Required to be backed up by a QF MCB

Class II SPDs are only to be used only 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