Residual current devices

F200 – F670

System pro M compact
Residual current devices
F200, F670 series



2 Pole 4 Pole

Description

RCDs provide ground fault equipment protection by monitoring the leakage of current to ground. The F200 and F670 series will trip when ground faults are detected in excess of the GF trip rating of the device. These devices provide GF protection only and are used in series with standard MCBs which provide overload and short circuit protection. The F200 and F670 series can be used as a main device providing GF protection for several MCB branch devices.

The F200 and F670 series are UL1053 recognized for use in 480Y/277VAC applications.

The F202 and F672 is for use in single phase/two wire or two wire systems. The F204 and F674 is for use in three phase/four wire systems.

The F200 and F670 series RCDs replace the F360 and F660 series with no change in form, fit or function.

The F200 and F670 have a profile similar to the S2 MCBs and can be used with the MCB busbars.

Residual current devices
F200 & F670



F202, F672



F204, F674

Residual current devices

Breaker		GF trip level	Rated current	Catalog number	List price	Delivery class	Suggested order qty	Wgt. oz (1 Pc.)
F202 F672	Two pole 480Y/277VAC	10mA	16	F202AC-16/0.01	**$ 590**			
		30mA	25	F202AC-25/0.03	**408**			
			40	F202AC-40/0.03	**464**			
			63	F202AC-63/0.03	**660**			
			80	F672-80/0.03	**1600**			
			100	F672-100/0.03	**2200**			
		100mA	25	F202AC-25/0.1	**408**			
			40	F202AC-40/0.1	**464**	B	1	13.8
			63	F202AC-63/0.1	**660**			
			80	F672-80/0.1	**1600**			
			100	F672-100/0.1	**2200**			
		300mA	25	F202AC-25/0.3	**288**			
			40	F202AC-40/0.3	**320**			
			63	F202AC-63/0.3	**474**			
			80	F672-80/0.3	**1300**			
			100	F672-100/0.3	**1800**			
F204 F674	Four pole 480Y/277VAC	30mA	25	F204AC-25/0.03	**426**			
			40	F204AC-40/0.03	**486**			
			63	F204AC-63/0.03	**726**			
			80	F674-80/0.03	**1300**			
			100	F674-100/0.03	**1800**			
			125	F674-125/0.03	**1800**			
		100mA	25	F204AC-25/0.1	**426**			
			40	F204AC-40/0.1	**486**			
			63	F204AC-63/0.1	**726**			
			80	F674-80/0.1	**1300**			
			100	F674-100/0.1	**1800**	B	1	19.0
			125	F674-125/0.1	**1800**			
		300mA	25	F204AC-25/0.3	**302**			
			40	F204AC-40/0.3	**342**			
			63	F204AC-63/0.3	**494**			
			80	F674-80/0.3	**1200**			
			100	F674-100/0.3	**1600**			
			125	F674-125/0.3	**1600**			
		500mA	25	F204AC-25/0.5	**302**			
			40	F204AC-40/0.5	**342**			
			63	F204AC-63/0.5	**494**			

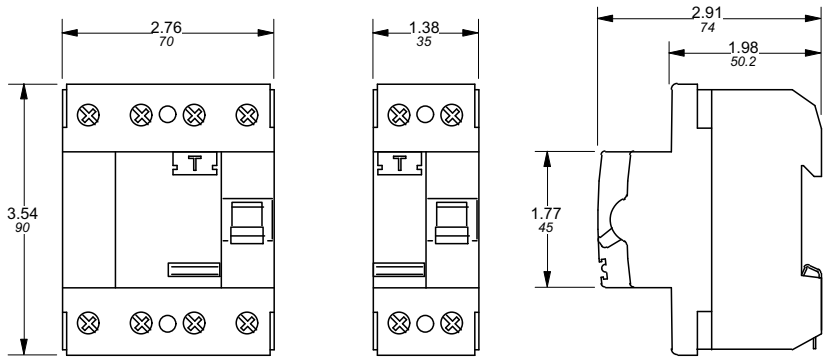
Above devices are UL 1053 recognized and IEC 1008 approved.

Delivery Class

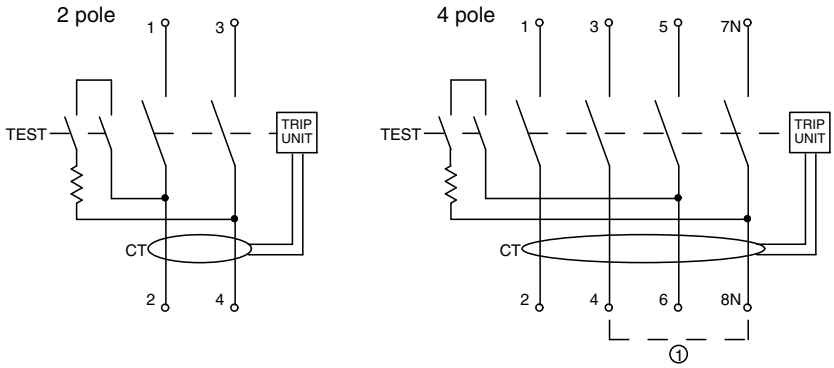
A - Standard item, stock to 2 weeks lead time
B - Stock to 4 weeks lead time
C - 6 to 8 week lead time

① For use on 3p/3w systems, add jumper between 4 and 8N for operation of test button.

Approximate dimensions



Circuit diagrams



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Notes