G06 series 6kA MCB

Thermal magnetic miniature circuit breaker

Current rating	B trip part No	C trip Part No
6A	G06-1B06	G06-1C06
10A	G06-1B10	G06-1C10
16A	G06-1B16	G06-1C16
20A	G06-1B20	G06-1C20
32A	G06-1B32	G06-1C32
40A	G06-1B40	G06-1C40
50A	G06-1B50	G06-1C50

Technical Data	
Reference standard	IEC /BS EN60898-1
Rated Voltage (Ue)	230-240V ac
Rated Current (In)	6-50A
Rated Frequency (Fn)	50/60Hz
Rated short circuit capacity	6kA
Energy limiting class	3
Rated impulse withstand (Uimp)	4kV
Tripping Characteristic	B or C
Terminals line/load	1-16mm²
Terminal tightening torque	2.5Nm
Dimension	1x 18mm module
Operating temperature	-5 to +40°c
Reference calibration temp.	+30°c

Current rating (In)	Trip curve	Resistance mΩ	Power Loss per pole (W)
6A	B C	28.8	1.03
10A	B C	14.3	1.43
16A	B C	7.5	1.92
20A	B C	7.9	3.16
32A	B C	3.3	3.37
40A	B C	2.9	4.64
50A	B C	2.0	5.0

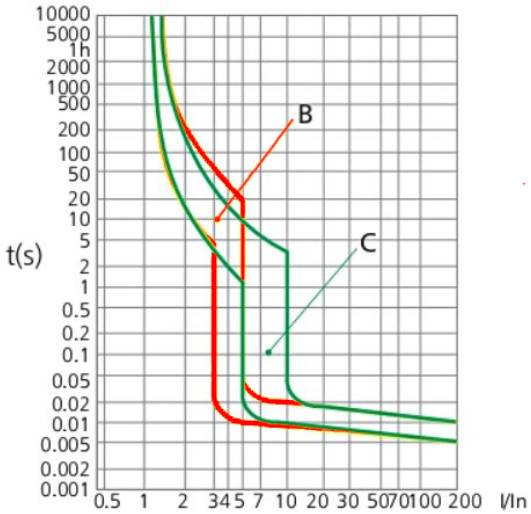
General Information

The Lewden range of circuit protection devices are designed and tested for use with Lewden branded distribution boards.
This device must be installed by a qualified electrician in accordance with the latest edition of the IET wiring regulations for electrical installations BS7671

Adjacent thermal magnetic MCBs/RCBOs should not be continuously loaded at their nominal rated currents when mounted in enclosures. We recommend a diversity factor (RDF) is applied to the MCB/RCBO nominal rated current where it is intended to load circuits continuously and simultaneously

Consumer unit ways	RDF	Consumer unit ways	RDF
1 way	1	6-9 ways	0.6
2-3 ways	0.8	10 ways +	0.5
4-5 ways	0.7		

Tripping characteristics



Testing of the installation

After completion of the installation, it is essential that it is tested in accordance with the latest edition of the IET wiring regulations for electrical installations (BS7671)

What to do if an MCB trips

Reset tripped MCB/RCBO to the ON position. If device trips again, disconnect all appliances connected to this circuit. Switch MCB ON and safely connect appliances one at a time to identify which one trips the device.
In all cases, once the faulty appliance has been identified, do not continue to use the item until it has been checked.
If fault persists, call a qualified electrician to check the installation.

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