

T06 series 6kA MCB

Thermal magnetic miniature circuit breaker



General Information

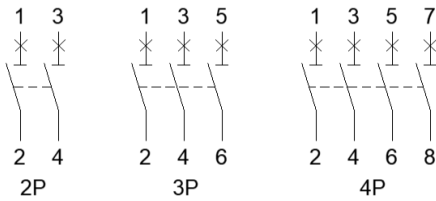
This device must be installed by a qualified electrician in accordance with the latest edition of the IET wiring regulations for electrical installations BS7671.

The T06 range of distribution circuit breakers provide a means of automatic disconnection of the electrical circuit in the event of overcurrent faults caused due to overload or short circuit.

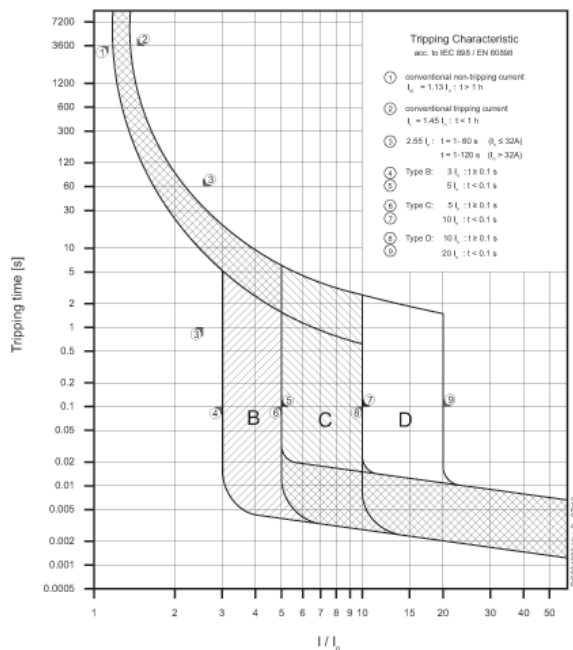
Devices are available in 2,3, & 4 pole variants. All poles feature over-current protection.

Ordering Codes									
Current rating	B Trip Curve			C Trip Curve			D Trip Curve		
	2 poles	3 poles	4 poles	2 poles	3 poles	4 poles	2 poles	3 poles	4 poles
80A	T06-2B80	T06-3B80	T06-4B80	T06-2C80	T06-3C80	T06-4C80	T06-2D80	T06-3D80	T06-4D80
100A	T06-2B100	T06-3B100	T06-4B100	T06-2C100	T06-3C100	T06-4C100	T06-2D100	T06-3D100	T06-4D100
125A	T06-2B125	T06-3B125	T06-4B125	T06-2C125	T06-3C125	T06-4C125	T06-2D125	T06-3D125	T06-4D125

Technical Data	
Reference standard	IEC /EN60898-1
Rated Voltage (Ue)	400V ac
Rated Current (In)	80 – 125A
Rated Frequency (Fn)	50/60Hz
Rated short circuit capacity	6kA
Energy limiting class	3
Rated impulse withstand (Uimp)	4kV
Tripping Characteristic	B / C or D
Terminals line/load	16-50mm ²
Terminal tightening torque	2.5Nm
Operating temperature	-5 to +40°C
Reference calibration temp.	+30°C



Tripping characteristics



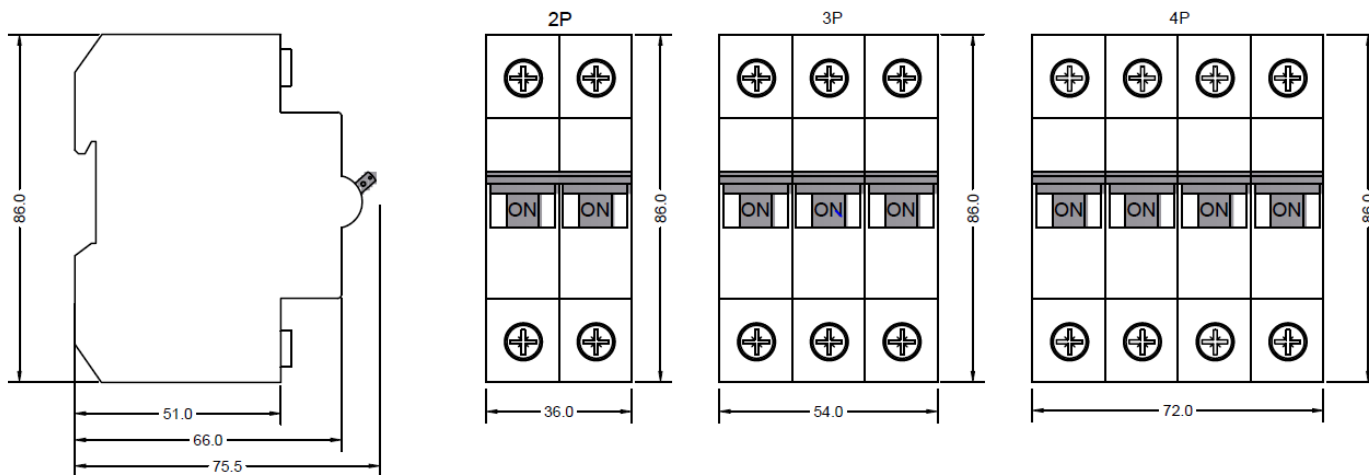
Power losses

Current rating (In)	Trip curve	Resistance mΩ	Power Loss per pole (W)
80A	B / C / D	1.3	8.32
100A	B / C / D	1.3	13
125A	B / C / D	1.3	20.31

Trip Curve	Multiple of rated current
B	3-5x In
C	5-10x In
D	10-20x In

Flag Colour	Circuit Breaker Position
Red	Closed
Green	Open

Dimensions



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 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.