

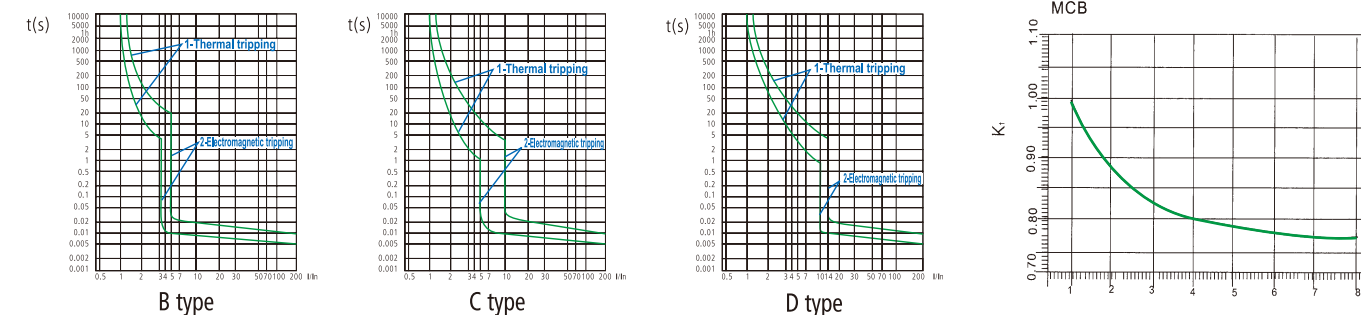


MG-DPN Series "Phase+Neutral" Circuit Breaker

Application

Standard	Confirming to IEC60898
Protection	Overload and short circuit
Rated insulation voltage U_i	250 V
Rated impulse withstand voltage U_{imp}	4000V
Rated current I_n	6,10,16,20,25,32A
Rated voltage	230VAC
Breaking capacity	4.5kA
Characteristic	B,C, curve
Number of poles	1P+N
Type of trip	Thermal / magnetic release
Type of terminal	Pin type
Terminal capacity	Cables up to 10mm ²
Degree of protection	IP20
Installation	Mounting on 35mm DIN rail
Width	17.8mm per pole
Electrical endurance	8000 cycles

1. Curves



2. Please refer to table below for temperature compensation correction

I_n A	Temperature compensation coefficient under various operational temperature				
	20°C	30°C	40°C	50°C	60°C
6	6.4	6	5.6	5.1	4.6
10	10.5	10	9.4	8.8	8.1
16	17.5	16	14.4	14	13.3
20	21	20	18.8	17.6	16.2
25	26	25	23.4	21.9	19.9
32	34	32	29.9	27.4	24.8

3. Wiring

The suitable conductors should be used for connection, see table for relative parameters.

Rated current I_n A	Cross section area S (mm ²)	Tightening torque (N.m)
≤ 6	1	1.2
10	1.5	1.2
16, 20	2.5	1.2
25	4	1.2
32	6	1.2

4. Features

- Compact design and cost-effective;
- Enclosure and functional parts made from imported plastics with flame-retardant, heat-resistant, and impulse-proof properties;
- Potential electric shock is avoided thanks to zero-line being directly connected to the product;
- Convenient and time-saving mounting.

5. Overall and mounting dimensions

