

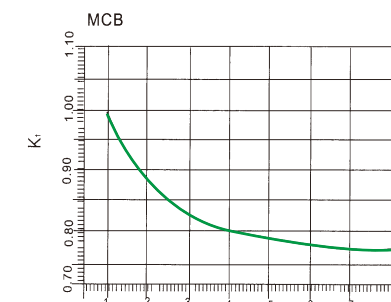
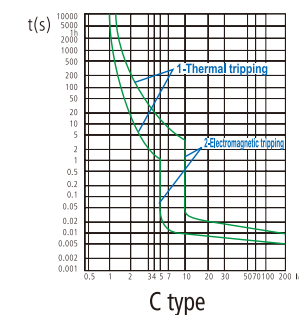
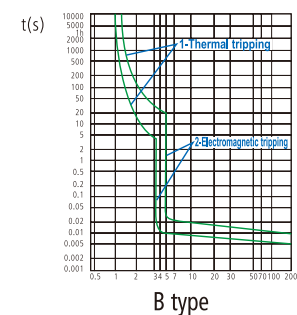


EL-DPN Series "Phase+Neutral" Circuit Breaker

Application

Standard	Confirming to EN / IEC60898
Breaking capacity	4.5kA
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
Characteristic	B,C, curve
Number of poles	1P+N
Type of trip	Thermal / magnetic release
Type of terminal	Pin type
Terminal capacity	16mm ² flexible / 25mm ² rigid
Protection degree	IP20
Installation	Mounting on 35mm DIN rail
Width	17.5mm per pole
Electrical endurance	4000
Mechanical endurance	10000

1. Curves



2. Please refer to table below for temperature compensation correction

Rated current (A)	Temperature compensation coefficient under various operational temperature							
	-10°C	0°C	10°C	20°C	30°C	40°C	50°C	60°C
6	1.17	1.13	1.09	1.04	6	1.96	0.91	0.84
10	1.21	1.16	1.09	1.04	10	0.94	0.88	0.82
16	1.18	1.13	1.09	1.04	16	0.94	0.91	0.84
20	1.17	1.13	1.09	1.04	20	0.96	0.91	0.84
25	1.18	1.13	1.09	1.04	25	0.96	0.91	0.84
32	1.17	1.13	1.09	1.04	32	0.96	0.91	0.84

3. Wiring

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

Rated current I_n (A)	Nominal 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 neutral-line being directly connected to the product;
- Convenient and time-saving mounting.

5. Overall and mounting dimensions

