

CE	005	PC
EU	Ukrain	Russia
		

DZ267 Miniature Circuit Breaker

1. General

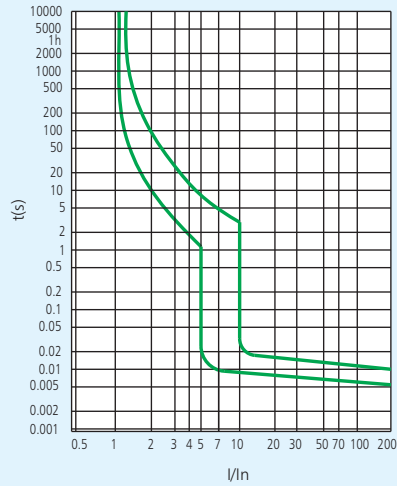
- 1.1 Application:
For protecting equipment against overload and short circuit.
- 1.2 General rules for choosing MCB.
 - a. Technical data of the network at the point considered:
 - The earthing systems (TNS, TNC),
 - Short-circuit current at the circuit-breaker installation point, which must always be less than the breaking capacity of this device,
 - Network normal voltage.
 - b. There are 1 curve characteristics for DZ267 magnetic operation:
 - C curve (5-10 I_n) protection and control of the circuits against overloads and short-circuits; protection for resistive and inductive loads with low inrush current.
- 1.3 Detailed certificates information, please refer to Certificates Table on P153.



3. Technical Information

3.1 Curves

C curve



3.2

	Standard		IEC/EN 60898-1
Electrical features	Rated current In	A	6, 10, 13, 16, 20, 25, 32
	Poles		1P+N
	Rated voltage Ue	V	230
	Insulation voltage Ui	V	300
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	3000
	Rated impulse withstand voltage(1.2/50) Uimp	V	4000
	Dielectric test voltage at ind. Freq. for 1 min	kV	2
	Pollution degree		2
Mechanical features	Electrical life		4, 000
	Mechanical life		10, 000
	Contact position indicator		Yes
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average ≤35°C)	°C	-5...+40(Special application please refer to P33 for temperature compensation correction)
	Storage temperature	°C	-25...+70
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top/bottom for cable	mm ²	16
		AWG	18-5
	Terminal size top/bottom for busbar	mm ²	16
		AWG	18-5
	Tightening torque	N*m	2
		In-lbs.	18
Connection		From top	

3.3 Temperature derating

Please refer to table below for temperature compensation correction.

Rated current In(A)	Temperature compensation coefficient under various operational temperature				
	20°C	30°C	40°C	50°C	60°C
6	1.07	1.00	0.93	0.85	0.77
10	1.05	1.00	0.94	0.88	0.81
16	1.09	1.00	0.90	0.88	0.83
20	1.05	1.00	0.94	0.88	0.81
25	1.04	1.00	0.94	0.88	0.80
32	1.06	1.00	0.93	0.86	0.78

4. Overall and Mounting Dimensions (mm)

Overall and Mounting Dimensions

