



TOB1Z-125 DC MCCB

General

TOB1Z-125 DC Molded Circuit Breaker is used for DC rated voltage to 1000V, rated current to 125A line, for overload and short circuit protection, and can also be used as an infrequent operation of the line. Circuit breakers are used in DC applications such as communications and photovoltaic syst. In compliance with IEC60947-2

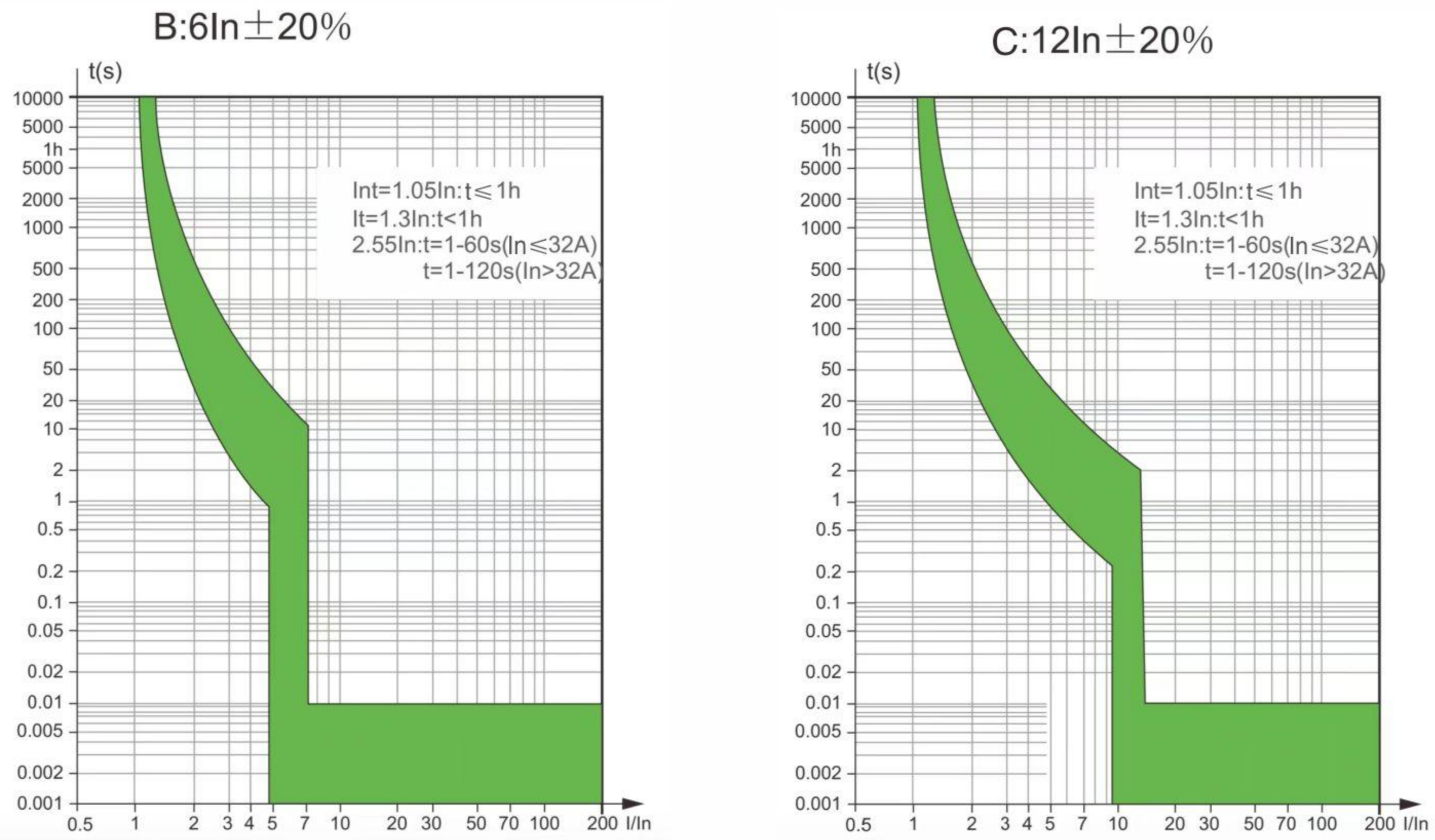
Data

Rated current In	63、80、100、125A
Poles	1P 2P 3P 4P
Rated voltage Ue	1P:250V 2P:600V 3P:800V 4P:1000V
Insulation voltage Ui	1000V
Rated breaking capacity Ics=Icu	10000A
Rated impulse withstand voltage(1.2/50) Uimp	6KV
Thermo-magnetic release characteristic	B:6In ± 20% C:12In ± 20%
Mechanical life	20000

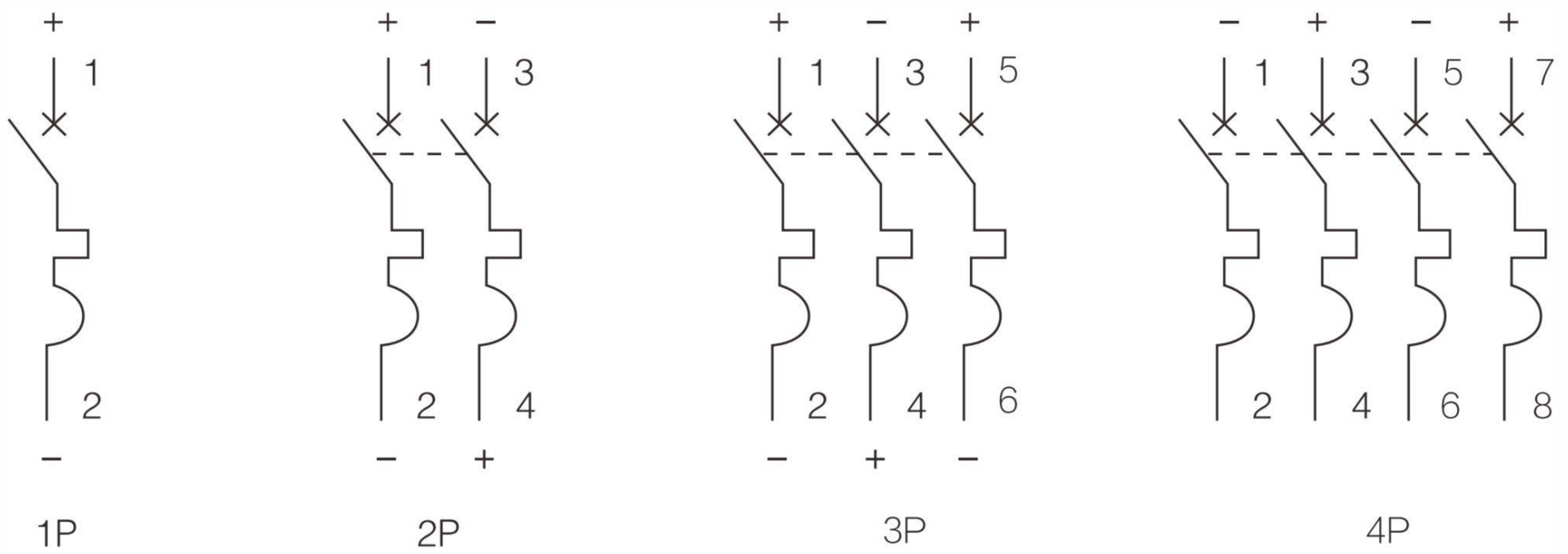
Installation

Contact position indicator	yes
Portection degree	IP20
Reference temperature for setting of thermal element	30
Ambient temperature (with daily average ≤35°C)	-5~+40°C
Storage temperature	-25~+70°C
Terminal connertion type	Cable/U-type busbar/Pin-type busbar
Terminal size top/bottom for cable	25mm ² 18-3
Tightening torque	3.0N*m 22
Mounting	ON DIN rail FN 60715(35mm) by means of fast clip device
Connection	Top and bottom

Tripping graph



Wiring diagram of DC ap



Overall and mounting dimensioned chart

