

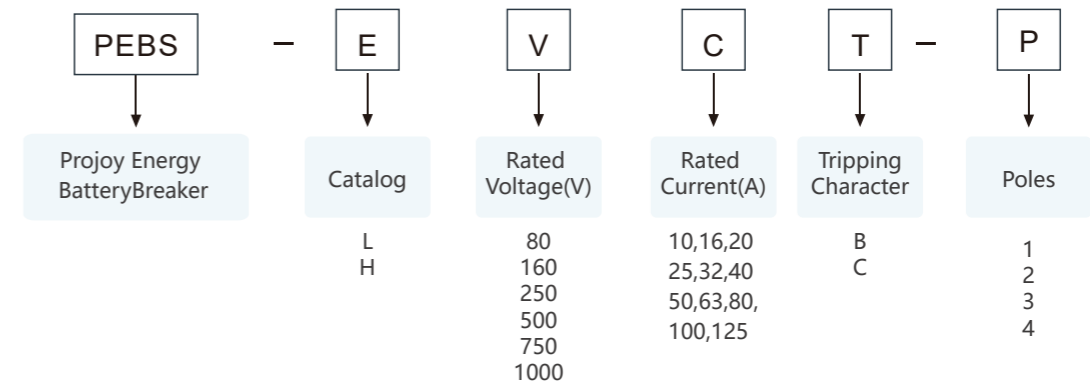
DC Miniature Circuit Breaker

PEBS-H/L Series

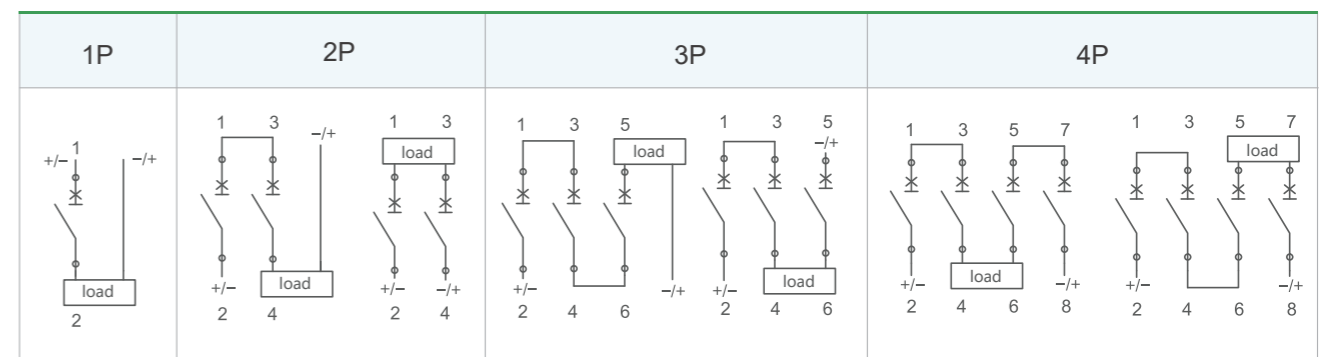
PROJOY
electric
- Switch To Safety! -

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- Switch To Safety! -

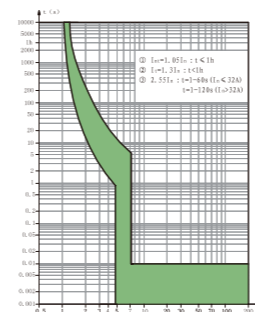
Select Code



Contact Configuration

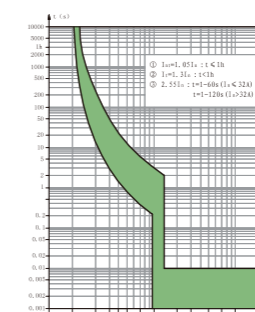


Tripping Characteristics



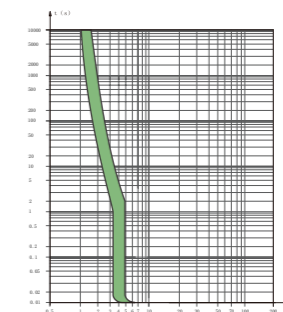
B Curve 4In(1±20%)

- Suitable for pure resistive load and microinductive circuit
- Available to rated current of 10A ~ 63A(63A Frame)
- Instantaneous tripping range: 4In±20%



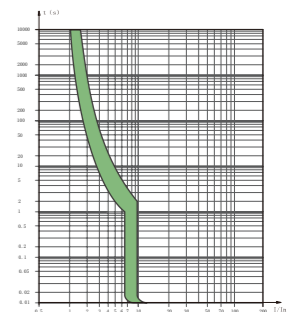
C Curve 8In(1±20%)

- Suitable for general load and power distribution circuit
- Available to rated current of 10A ~ 63A(63A Frame)
- Instantaneous tripping range: 8In±20%



B Curve 4In(1±20%)

- Suitable for pure resistive load and microinductive circuit
- Available to rated current of 80A ~ 125A(125A Frame)
- Instantaneous tripping range: 4In±20%



C Curve 8In(1±20%)

- Suitable for general load and power distribution circuit
- Available to rated current of 80A ~ 125A(125A Frame)
- Instantaneous tripping range: 8In±20%

HIGH CRAFTSMANSHIP AND HIGH STANDARDS

Bright and Eye-catching

In line with the working habits of firefighters, it is conducive to quickly locate the operating location.

- Small Volume
- Short circuit Protection
- Overload Protection
- Flame Retardant
- High Breaking Capability
- Arcing Short
- Complete Accessories
- Multiple Wiring

Technical data

PEBS-H-63

According to EN60947-2, AS/NZS IEC 60947.2: 2015.				
Pole	1P	2P	3P	4P
Rated Working Voltage U _e	250 V DC	500 V DC	750 V DC	1000 V DC
Frame Current	63A			
Rated Current I _n	63A, 50A, 40A, 32A, 25A, 20A, 16A, 10A			
Rated Insulation Voltage U _i	1000V			
Rated Impulse Withstand Voltage U _{imp}	6kV			
Tripping Characteristics	B/C			
Tripping Type	Thermal Magnetic			
Rated Ultimate Short-Circuit Breaking Capacity I _{cu}	6kA			
Rated Service Short-Circuit Interrupting Capacity I _{cs}	6kA			
Electrical Life	Actual	Average 1000 Cycles		
	Standard	300 Cycles		
Mechanical Life	Actual	>10000 Cycles		
	Standard	9700 Cycles		
Overvoltage Category	III			
Pollution Degree	3			
Ingress Protection	IP40; Wiring port IP20			
Resistance to humidity and heat	Class 2			
Relative Humidity	≤ 95 %			
Vibration	acc. to IEC60068-2-6			
Shocks	acc. to IEC60068-2-27			
Terminal capacity	2.5~35mm ²			
Fastening Torque of Terminals	2.0 ~ 3.5 Nm			
Ambient Temperature	-30°C~70°C			
Storage Temperature	-40°C~85°C			
Installation Method	DIN			
Elevation	≤2000m			
Dimension (4P)	length: 81mm			
	Width:72mm			
	High: 87.5mm			
Weight	0.12kg/Pole			

Package Information					Storage
Current	Pole	Box	Carton	Pallet	
63A/32A	1P	12	8	80	Products should be stored in the warehouse where there is ventilation. The relative humidity there should not exceed 80%, and the ambient temperature there is between -40°C to + 85°C. In addition, there should not be acidic, alkaline and corrosive gas in the air. Products should not be deposited more than 5 years in the above mentioned conditions since the producing date.
	2P	6	8	80	
	3P	4	8	80	
	4P	3	8	80	

Order Choosing Specification

Client Information:														Quantity	Delivery Date
Rated Current (A)								Trip Type		No. of Pole					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

PEBS-H-125

According to EN60947-2, AS/NZS IEC 60947.2: 2015.				
Pole	1P	2P	3P	4P
Rated Working Voltage U _e	250 V DC	500 V DC	750 V DC	1000 V DC
Frame Current	125A			
Rated Current I _n	63A, 80A, 100A, 125A			
Rated Insulation Voltage U _i	1000V			
Rated Impulse Withstand Voltage U _{imp}	6kV			
Tripping Characteristics	B/C			
Tripping Type	Thermal Magnetic			
Rated Ultimate Short-Circuit Breaking Capacity I _{cu}	15kA(In≤100A), 10kA(In=125A)			
Rated Service Short-Circuit Interrupting Capacity I _{cs}	10kA(In≤100A), 7.5kA(In=125A)			
Electrical Life	Actual	Average 1000 Cycles		
	Standard	300 Cycles		
Mechanical Life	Actual	> 10000 Cycles		
	Standard	9700 Cycles		
Overvoltage Category	III			
Pollution Degree	3			
Ingress Protection	IP40; Wiring port IP20			
Resistance to humidity and heat	Class 2			
Relative Humidity	≤ 95 %			
Vibration	acc. to IEC60068-2-6			
Shocks	acc. to IEC60068-2-27			
Terminal capacity	2.5~35mm ²			
Fastening Torque of Terminals	2.0 ~ 3.5 Nm			
Ambient Temperature	-30°C~70°C			
Storage Temperature	-40°C~85°C			
Installation Method	DIN			
Elevation	≤2000m			
Dimension (4P)	length: 108mm			
	Width:89mm			
	High: 75.5mm			
Weight				

Technical data

PEBS-L

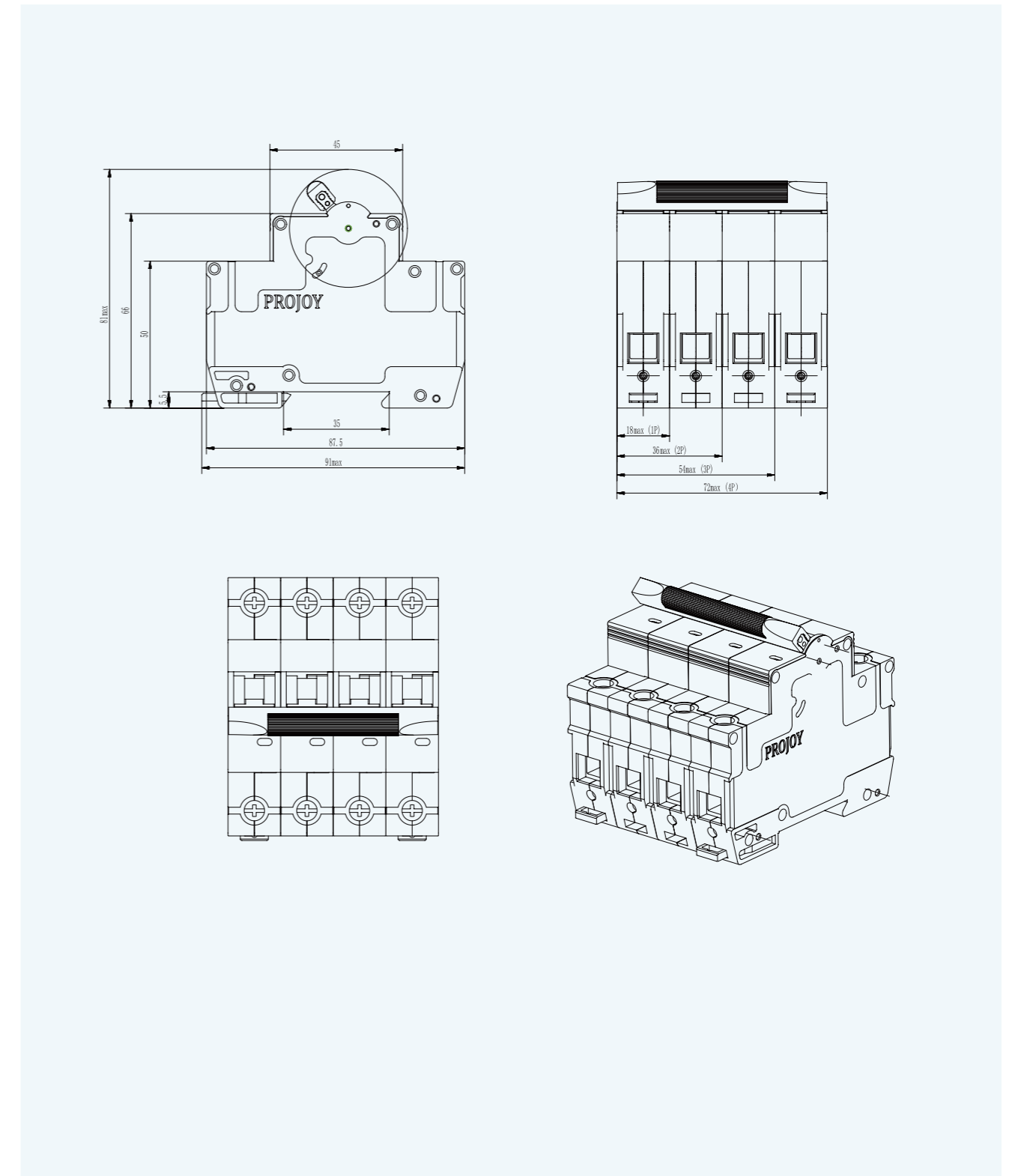
According to EN60947-2, AS/NZS IEC 60947.2: 2015.			
Pole	1P	2P	
Rated Working Voltage U_e	80VDC	160VDC	
Frame Current	125A	125A	
Rated Current In	63A Frame	10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A	
	125A Frame	63A, 80A, 100A, 125A	
Rated Insulation Voltage U_i	500V		
Rated Impulse Withstand Voltage U_{imp}	6kV		
Tripping Characteristics	B/C		
Tripping Type	Thermal Magnetic		
Rated Ultimate Short-Circuit Breaking Capacity I_{cu}	10kA		
Rated Service Short-Circuit Interrupting Capacity I_{cs}	7.5kA		
Electrical Life	Actual	Average 1000 Cycles	
	Standard	300 Cycles	
Mechanical Life	Actual	10000 Cycles (63A Frame), 10000 Cycles (125A Frame)	
	Standard	9700 Cycles	
Overvoltage Category	III		
Pollution Degree	3		
Ingress Protection	IP40; Wiring port IP20		
Resistance to humidity and heat	Class 2		
Relative Humidity	≤ 95 %		
Vibration	acc. to IEC60068-2-6		
Shocks	acc. to IEC60068-2-27		
Terminal capacity	2.5~35mm ²		
Fastening Torque of Terminals	2.0 ~ 3.5 Nm		
Ambient Temperature	-30°C~70°C		
Storage Temperature	-40°C~85°C		
Installation Method	DIN		
Elevation	≤2000m		
	length: 81mm	length: 108mm	
Dimension (4P)	Width:72mm		Width:89mm
	High: 87.5mm		High: 75.5mm
Weight	0.12kg/Pole		

Package Information					Storage
Current	Pole	Box	Carton	Pallet	Products should be stored in the warehouse where there is ventilation. The relative humidity there should not exceed 80%, and the ambient temperature there is between -40°C to + 85°C. In addition, there should not be acidic, alkaline and corrosive gas in the air.
125A	1P	10	8	60	
	2P	5	8	60	
63A	1P	12	8	80	
	2P	6	8	80	

Order Choosing Specification

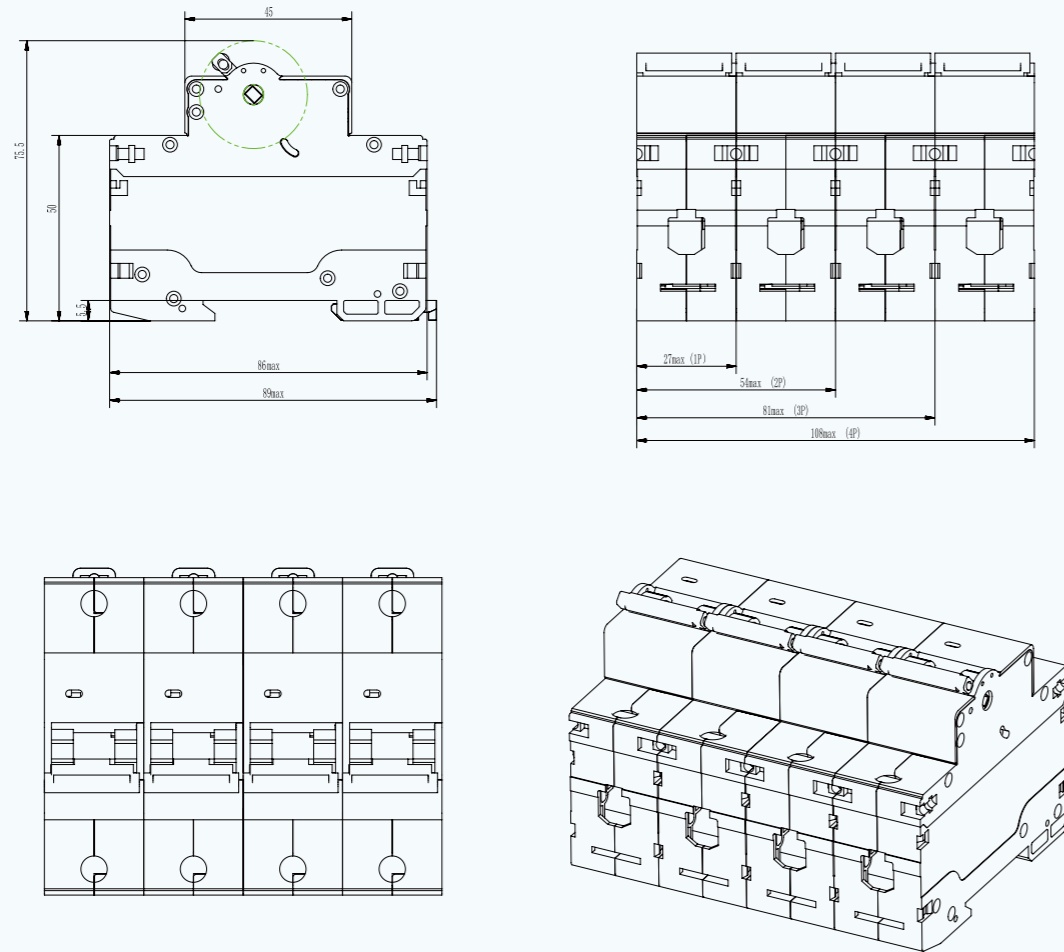
Client Information:		Note: One pole for 80V, 2 poles for 80V or 160.				
Rated Current (A)	Trip Type	Voltage	No. of Pole	Quantity	Delivery Date	
63AFrame <input type="checkbox"/> 63 <input type="checkbox"/> 50 <input type="checkbox"/> 40 <input type="checkbox"/> 32 <input type="checkbox"/> 25 <input type="checkbox"/> 20 <input type="checkbox"/> 16 <input type="checkbox"/> 10	<input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> 80 <input type="checkbox"/> 160	<input type="checkbox"/> 1 <input type="checkbox"/> 2			
125AFrame <input type="checkbox"/> 125 <input type="checkbox"/> 100 <input type="checkbox"/> 80 <input type="checkbox"/> 63	<input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> 80 <input type="checkbox"/> 160	<input type="checkbox"/> 1 <input type="checkbox"/> 2			
63AFrame <input type="checkbox"/> 63 <input type="checkbox"/> 50 <input type="checkbox"/> 40 <input type="checkbox"/> 32 <input type="checkbox"/> 25 <input type="checkbox"/> 20 <input type="checkbox"/> 16 <input type="checkbox"/> 10	<input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> 80 <input type="checkbox"/> 160	<input type="checkbox"/> 1 <input type="checkbox"/> 2			
125AFrame <input type="checkbox"/> 125 <input type="checkbox"/> 100 <input type="checkbox"/> 80 <input type="checkbox"/> 63	<input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> 80 <input type="checkbox"/> 160	<input type="checkbox"/> 1 <input type="checkbox"/> 2			

Dimensions



Dimensions

PEBS-H/L-125



PROJOY
electric
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