

**PEM1-32/63**  
**PEM2-63/PEL1-63**  
 AC Miniature Circuit Breaker  
 Series Residual Current Protector



**PROJOY**  
 electric  
 – Switch To Safety! –

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**Technical data**

Electrical standards	EN/IEC60898-1
Pole	1P+N
Rated Current	6A, 10A, 16A, 20A, 25A, 32A
Rated Voltage	230V
Rated Frequency	
Rated Breaking Capacity	
Tripping Characteristics	Type B,C,D
Connecting fuse	80A
Electrical Life	8000 times
Ingress Protection	Ip20
Terminal Connection Type	Cable / U-type busbar / Plug-type busbar
Ambient Temperature	-5~+40°C
Storage Temperature	-30~+70°C
Cable Terminal Dimensions top/bottom	6mm <sup>2</sup>
Cable Terminal Dimensions top/bottom	3. 0N · m
Installation Method	Din Rail (35mm), with fast clamping device

Electrical standards	EN/IEC60898-1
Pole	1P, 2P, 3P, 4P
Rated Current	1A, 3A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A
Rated Voltage	230/400V~
Rated Frequency	50/60Hz
Rated Breaking Capacity	10kA
Tripping Characteristics	Type B, (3In~5In), Type C, (5In~10In), Type D, (10In~20In)
Connecting fuse	80A
Rated Impulse Withstand Voltage (1.2/50) Uimp	6kV
Electrical Life	8000 times
Mechanical Life	20000 times
Ingress Protection	IP20
Terminal Connection Type	Cable / U busbar / Plug busbar
Ambient Temperature	-5~+40°C
Storage Temperature	-30~+70°C
Cable Terminal Dimensions top/bottom	16mm <sup>2</sup>
Tightening Torque	3. 5N · m
Installation Method	Din Rail (35mm), with fast clamping device

**High Craftmanship AND High Standards**



Flame retardant material



Long life



Fast arc extinguishing



All kinds





-30°C~+70°C  
 Ambient temperature range



Non-polar design

## Technical data

Electrical standards	EN/ IEC60898-1
Pole	1P, 2P, 3P, 4P
Rated Current	1A, 3A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A
Rated Voltage	230/400V~
Rated Frequency	50/60Hz
Rated Breaking Capacity	6kA
Tripping Characteristics	Type B, (3In~5In), Type C, (5In~10In), Type D, (10In~20In)
Connecting fuse	80A
Rated Impulse Withstand Voltage (1.2/50) Uimp	6kV
Electrical Life	8000 times
Mechanical Life	20000 times
Ingress Protection	IP20
Terminal Connection Type	Cable / U busbar / Plug busbar
Ambient Temperature	-5~+40°C
Storage Temperature	-30~+70°C
Cable Terminal Dimensions top/bottom	16mm <sup>2</sup>
Tightening Torque	3.5N·m
Installation Method	Din Rail (35mm), with fast clamping device

Electrical Standard	EN/ IEC61008-1
Pole	2P, 4P
Rated Current	
Rated Voltage	230~400V 
Rated Frequency	50/60Hz
Rated Sensitivity	10mA, 30mA, 100mA, 300mA
Short-circuit current	6000A
SCPD fuse	 80A
Operating time	≤0.1s
Rated Impulse Withstand Voltage (1.2/50) Uimp	6kV
Electrical Life	
Mechanical Life	
Ingress Protection	IP20
Terminal Connection Type	
Ambient Temperature	-5~+40°C
Storage Temperature	-30~+70°C
Cable Terminal Dimensions top/bottom	16mm <sup>2</sup>
Tightening Torque	3.5N·m
Installation Method	

