



# RM PV

## Fuse disconnect switches

for PV cylindrical fuses 10x38 and 14x51

Fuse protection



RM PV 10x38  
32 A



RM PV 10x38  
50 A

### The solution for

- > Small installations up to large PV farms



### Strong points

- > Improved safety
- > Product dedicated to PV applications
- > Specific format and accessories

### Conformity to standards

- > IEC 60947-3
- > IEC 60269
- > NF EN 60269-1
- > VDE 0636-10
- > DIN 43620



### Function

RM PV are modular fuse disconnect switches for cylindrical gPV fuses. They provide safety disconnection and protection against overcurrents in any low DC voltage photovoltaic applications. RM PV are fuse disconnect switches with or without light indicators for fuses without striker.

### Advantages

#### Improved safety

- Rated voltage of 1000 VDC.
- Self-extinguishing thermoplastic material.
- Protection IP2X.

#### Specific format and accessories.

- Modular DIN 45 mm cut-out.
- Interlocking with accessory available.

#### Product dedicated to PV applications.

Protection against reverse currents thanks to gPV fuses dedicated to PV applications.

### References

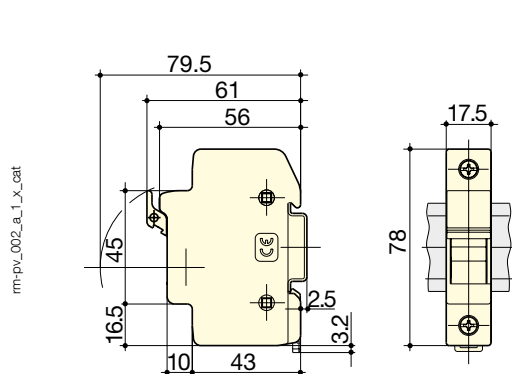
No. of poles	32 A 10 x 38	50 A 14 x 51
	Reference	Reference
1 P	57PV 0015	57PV 0020
1 P with signalling	57PV 0L15	

### Characteristics according to IEC 60947-3

Thermal current $I_{th}$	32 A	50 A
Fuse size	10 x 38	14 x 51
Rated insulation voltage $U_i$ (V)	1000	1000
<b>Fuse rating</b>		
Fuse rating (A)	1 ... 20	25 ... 32
<b>Power</b>		
Rated dissipated power (W)	3	5
<b>Design current derating coefficient for N pole side by side</b>		
N = 1 ... 3	1	1
N = 4 ... 6	0.8	0.8
N = 7 ... 9	0.7	0.7
N ≥ 10	0.6	0.6
<b>Connection</b>		
Minimum Cu cable cross-section (mm <sup>2</sup> )	0.75	1.5
Maximum Cu rigid cable cross-section (mm <sup>2</sup> )	10	35
Tightening torque (Nm)	2.5	2.5 ... 3
<b>Mechanical characteristics</b>		
Weight of 1 P (kg)	0.1	0, 15

### Dimensions

RM PV 10 x 38



RM PV 14 x 51

