

FHPV1001P – FHPV1001PL



			FHPV1001P	FHPV1001PL
Standards				
Applicable Standards			IEC 60947-1, IEC 60947-3	
Technical data				
Fuse size			10x38 gPV	
Versions			Without LED indicator	With LED indicator
Rated voltage		Vdc	1000	
Rated current		A	32	
Rated conditional short-circuit current		kA	20	
Rated insulation voltage	Ui	V	3110	
Rated imp. withstand voltage	Uimp	kV	6	
Max power dissipation of the fuse-link		W	≤6W at 100% of the rated current ≤3W at 70% of the rated current	
LED indicator operating range		Vdc	-	1000
Utilization category			DC-PV0	
Mechanical characteristics				
Nr. of poles			2P	
Degree of protection			IP20	
Terminal screw torque		Nm	3,5	
Conductor cross section (max)	Solid	mm ²	16	
		AWG	2	
	Flexible	mm ²	16	
		AWG	4	
Mounting			35 mm DIN rail, EN 60715	
Weight		g	60,3	
Ambient conditions				
Humidity		%HR	90	
Operating ambient air temperature		°C	-5/+40	



Description

Fuse holder specifically designed for photovoltaic systems, for DC applications. Certified according to IEC 60269 and EN 60947-3, it ensures reliable protection of DC circuits up to 1000 Vdc, with a rated current up to 32 A. Designed to host high breaking capacity fuse links for effective fault current interruption.

Characteristics

- Compact design suitable for DIN rail mounting.
- High breaking capacity for fault protection.
- IP20-rated terminals for enhanced user safety.
- Easy and safe replacement of the fuse cartridge.
- Visual indicator for blown fuse detection.
- Suitable for use with 10x38 mm fuse links.
- Designed for fast installation and secure connections.

Application

Ideal for DC circuit protection in photovoltaic systems. Typically installed inside PV combiner boxes and inverter protection panels. Suitable for indoor installations in controlled environments.

Dimensions

Dimensions in mm

