Enphase P/N: EP200G-NA-02-RSD

Type 4X

IP66NW

IEC/AS 60947.3 SI. Series

Enphase Energy System

Shutdown Switch

IMO

IMO P/N: SI16-PEL64R-2-ENP



Technical Datasheet

Key Features

- **Enclosed Solar Isolator**
- 600VDC, 16A
- IP66 / NEMA 4X Protection Rating
- 2 Pole, 1 String
- Grey/Black Enclosure Cover & Handle







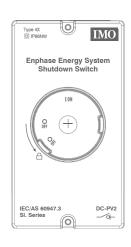


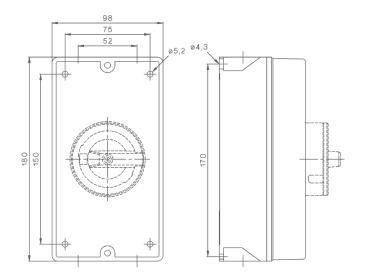
Technical Data for DC

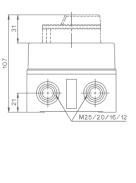
Main Contacts	DC	Units	SI16 DC-PV1 (acc. to IEC 60947-3)	SI16 (acc. to UL508i)
Rated Thermal Current I _{the}		А	16	
Rated Insulation Voltage UI 1)		V	1000	
Rated Insulation Voltage UI 2)		V	1500	
Distance of Contacts (per pole)		mm	8	
Rated Operational Current I _e	300V	А	16	16
	350V	А	16	16
	400V	А	16	16
	500V	А	16	16
	600V	А	16	16
Rated Conditional Short Circuit Current		kA _{eff}	5	
Max. Fuse Size	gL (gG)	А	40	
Mechanical Life		Ops	10,000	
Rated Short-time Withstand Current (1s) I _{cw}		А	800	
Short Circuit Making Capacity I _{cw}		А	800	
Size of Terminal Screw			M4 Pz2	
Cable Cross Sections (solid or stranded)		mm / AWG	4 - 16 / 12-10	
Tightening Torque		Nm / lb.in	1.7 - 1.8 / 9 - 16	
Maximum Operation Ambient Temperature		°C	-40 to +45	
Maximum Storage Ambient Temperature		°C	-50 to +90	
Power Loss at I _{emax}		(A) / W	(16) / 1	

Contact Resistance per pole $1.75 m\Omega$

Dimensions (mm)







Suitable at overvoltage category I to III, pollution degree 3 (standard-industry): Uimp = 8kV.
 Suitable at overvoltage category I to III, pollution degree 2 (min. IP55): Uimp = 8kV.