

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

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



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}		A	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_o	300V	A	16	16
	350V	A	16	16
	400V	A	16	16
	500V	A	16	16
	600V	A	16	16
Rated Conditional Short Circuit Current		kA _{eff}	5	
Max. Fuse Size	gL (gG)	A	40	
Mechanical Life		Ops	10,000	
Rated Short-time Withstand Current (1s) I_{cw}		A	800	
Short Circuit Making Capacity I_{cw}		A	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_{onmax}		(A) / W	(16) / 1	

Contact Resistance per pole 1.75mΩ

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

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

Dimensions (mm)

