



PRE-CHARGER DATASHEET

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Current  DS



by Schneider Electric

About

This device is designed for integration in a complete DC system and can only be used behind a Current Router, for:

- Pre-charging an AC/DC converter for LED lighting
- Pre-charging a frequency converter

Applications

- Component integration

Features

- Average overcurrent protection
- Short Circuit protected in the pre-charge phase of the grid
- Over-temperature Protection
- Extra output contacts to enable load

350V Pre-Charger

Logistics data

Specification item	Value
Product reference	IRN-350V-6A-1P-350V-OCC1

Electrical input data

Specification item	Value	Unit	Condition
Nominal input voltage	350	V dc	Between phases
Max input voltage	400	V dc	Nominal working
Min input voltage	320	V dc	Nominal working
Max input current	6	A dc	

Electrical output data

Specification item	Value	Unit	Condition
Nominal output voltage	350	V dc	No Load
Max output voltage	400	V dc	
Min output voltage	320	V dc	
Max output current	6	A dc	

Electrical connections

Specification item	Value	Unit	Condition
Incoming wire cross section	1 to 2.5	mm ²	Stranded or solid

Physical Data

Specification item	Value	Unit
Height	42.10	mm
Width	119.2	mm
Depth	100	mm
Weight	250	g
IP rating enclosure	IP2XD	*

Environmental Conditions

Specification item	Value	Unit	Condition
Storage temperature	-10 to +60	°C	

700V Pre-Charger

Logistics data

Specification item	Value
Product reference	IRN-700V-6A-1P-700V-OCC1

Electrical input data

Specification item	Value	Unit	Condition
Nominal input voltage	700	V dc	Between + and -
Max input voltage	760	V dc	Nominal working
Min input voltage	640	V dc	Nominal working
Max input current	6	A ac	

Electrical output data

Specification item	Value	Unit
Nominal output voltage	700	V dc
Max output current	6	A dc
Max output voltage	760	V dc
Min output voltage	640	V dc

Electrical connections

Specification item	Value	Unit	Condition
Incoming wire cross section	1 to 2.5	mm ²	Stranded or solid

Physical Characteristics

Specification item	Value	Unit
Height	42.10	mm
Width	119.2	mm
Depth	100	mm
Weight	250	g
IP rating enclosure	IP2XD	*

Environmental Conditions

Specification item	Value	Unit	Condition
Storage temperature	-10 to +60	°C	



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For more information, visit
www.dc.systems/applications/products

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