



Redundancy
modules
PSLR

Product designation

Product type designation

Input characteristics

Operating range

DC

min	VDC	21
Max	VDC	28

Number of inputs

Nr. 2

Rated input current

A 20

Maximum input current (for channel)

A 15A for 300s

Output characteristics

Rated output voltage DC

VDC 24

Rated output current

A 20

Output voltage drop

V 0.5

Maximum reverse voltage

V 30

Maximum output current

A 30A for 300s

Indications

DC ON indicator for

input A Yes
input B Yes

Power Rdy (Ready - minimum limit)

Ok if input >20V(±5%) or <30V(±5%), Fail if input <20V(±5%) or >30V(±5%) 1A at 30VDC

Connections

Terminals type

Screw

Ambient conditions

Temperature

Operating temperature

min	°C	-40
max	°C	+71

Storage temperature

min	°C	-40
max	°C	+85

Housing

Material

Plastic

IEC degree of protection

IP20

Dimensions (W x H x D)

mm 54 x 90 x 114

Weight

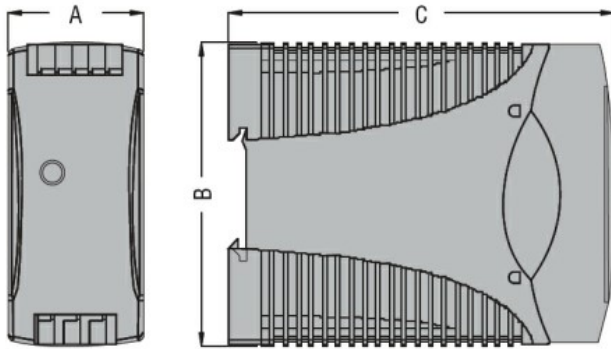
g 210

Installations

Mounting

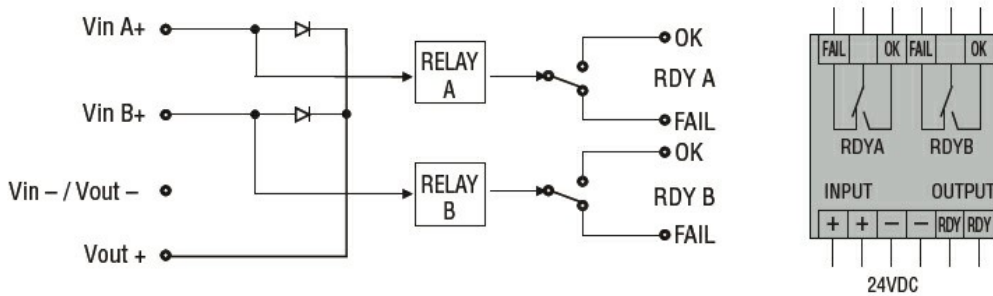
On 35mm DIN rail

Dimensions



TYPE	A	B	C
PSL1 005 24	22.5 (0.88")	90 (3.54")	115 (4.53")
PSL1 010 24	22.5 (0.88")	90 (3.54")	115 (4.53")
PSL1 018 24	22.5 (0.88")	90 (3.54")	115 (4.53")
PSL1 030...	40.5 (1.59")	90 (3.54")	115 (4.53")
PSL1 060...	40.5 (1.59")	90 (3.54")	115 (4.53")
PSL1 100...	54 (2.12")	90 (3.54")	115 (4.53")
PSL2 100...	54 (2.12")	90 (3.54")	115 (4.53")
PSLR 20 24	54 (2.12")	90 (3.54")	115 (4.53")

Wiring diagrams



Certifications and compliance

Compliance

- IEC/EN/BS 61000-4-2
- IEC/EN/BS 61000-4-3
- IEC/EN/BS 61000-4-4
- IEC/EN/BS 61000-4-6
- IEC/EN/BS 61000-4-8
- IEC/EN/BS 62368-1
- UL 508

Certificates

- cULus
- EAC
- RCM

ETIM classification

ETIM 8.0

EC002540 - DC-power supply