

Redundant module
PELR



General Data

Input rated voltage 12 - 24 Vdc
Output rated voltage 12 - 24 Vdc
Output rated current 2 x 5/1 x 10 A
Ambient temperature -25° C to +55° C
Efficiency typ. 97 %
Protection index IP 20

Advantages

Signalling via LEDs
Service-friendly spring-loaded connector system
Panel installation on mounting rails

Applications

Redundancy module for decoupling two power supplies for building a fail-safe delivery system. set of machines and equipment requiring high operational reliability.

Standards

Redundancy module
to UL 60950, UL 508

Safety:
EN 60950 (SELV), EN 60204 (PELV)

EMC:
EN 61000-6-3 (Interference emissions), EN 61000-6-2 (Interference immunity)

2.1

2.2

2.3

2.4



Redundant module **PELR**

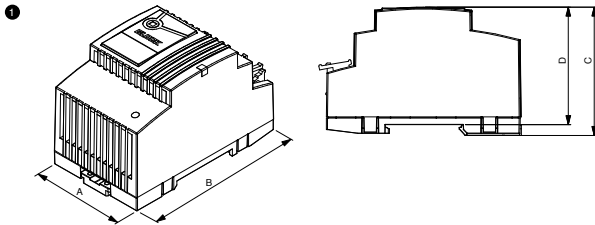
Type		PELR 24/24-5
Electrical data	<u>Input</u>	
	Input rated voltage	24 Vdc
	Input voltage range	11 - 30 Vdc
	Input rated current	2 x 5 A / 1 x 10 A
	<u>Output</u>	
	Output voltage	Uin-0,7 V@10 A
	Output rated current	10.00 A
	Internal fuse	No
	Parallel connection	Yes
	max. Power loss idling/nominal load	1 / 7 W (10 A)
	Efficiency	97 %
	<u>Signalling</u>	
	Operating status	LED green
	Feedback voltage max.	35 Vdc
	<u>Standards</u>	
	Classification	Redundancy module
	<u>Environment</u>	
	Ambient temperature	-25° C bis +55° C
	Storage temperature	-25° C to +85° C
<u>Safety and protection</u>		
Protection index	IP 20	
Safety class	III	
<u>Order numbers</u>		
Order Number	PELR 24/24-5	



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Mechanical data	Typ	Connections input, (spring clamp terminal, pluggable)	Connections output, (spring clamp terminal, pluggable)	Mounting position	Fixing method	Weight	Dimension picture (in mm)						
								A	B	C	D		
	PELR 24/24-5	max. 2.5 mm ²	max. 2.5 mm ²	vertical	DIN Rail system TH 35	0.16 kg	①	72	89	59	54		

Dimension pictures



2.1

2.2

2.3

2.4