

## Redundancy module **PELR 24/24-5**



Picture shows PELR 24/24-5

## Advantages

Signaling via LEDs

Service-friendly spring-loaded connector system

## Applications

Redundancy module for decoupling two power supplies for building a fail-safe supply 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)

## Approvals



# Redundancy module PELR 24/24-5

## Electrical data

Type	PELR 24/24-5
<b>Input</b>	
Input rated voltage	24 Vdc
Input voltage range	11 - 30 Vdc
Input rated current	2 x 5 A / 1 x 10 A
<b>Output</b>	
Output rated voltage	24 Vdc
Output voltage	U <sub>in</sub> -0.7 Vdc@10 A
Resistance to reverse feed max.	35 Vdc
Output rated current	10 A
Internal fuse	No
Parallel connection	Yes
max. Power loss idling/nominal load	1 / 7 W (10 A)
Efficiency	97 %
<b>Signaling</b>	
Operating status	LED green
<b>Environment</b>	
Ambient temperature	-13 °F to +131 °F
Storage temperature	-13 °F to +185 °F
<b>Safety and protection</b>	
Protection index	IP 20
Safety class	III
<b>Order numbers</b>	
<b>Order Number</b>	<b>PELR 24/24-5</b>

## Mechanical data

Type	PELR 24/24-5
<b>Terminal and mounting</b>	
Terminals input, (spring clamp terminal, pluggable)	max. 2.5 mm <sup>2</sup>
Terminals output, (spring clamp terminal, pluggable)	max. 2.5 mm <sup>2</sup>
Mounting position	vertical
Fixing method	DIN Rail system TS35
<b>Measures and weights</b>	
Weight	0.35 lbs

### Dimensions in inch

