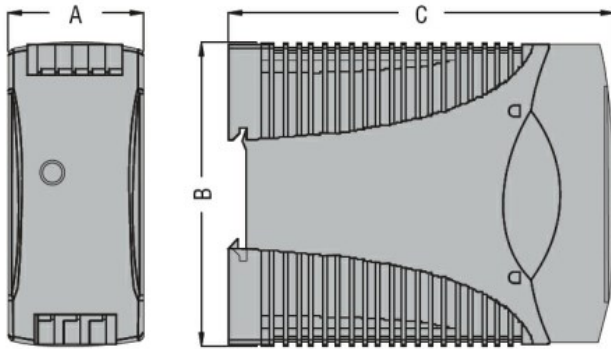




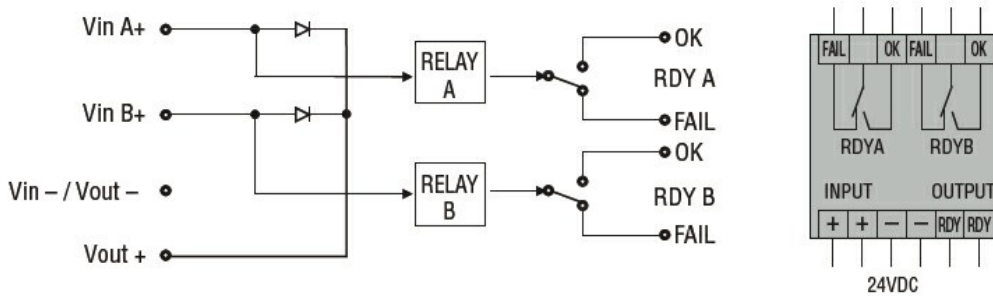
| | | | | |
|-------------------------------------|-----------------------|---------|-----|--|
| Product designation | | | | Redundancy modules |
| Product type designation | | | | PSLR |
| Input characteristics | | | | |
| Operating range | DC | min | VDC | 21 |
| | | Max | VDC | 28 |
| Number of inputs | | 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