

## Product No: YRM2.DIODE

### PULS DIODE REDUNDANCY MODULE 24-48VDC 20A YRM2.DIODE

#### FEATURES

- Cost effective solution to build redundant systems
- Dual input with single output
- Alarm relay-contacts for each input path
- Two diodes (common cathode)
- DC 24-48V +-25% (18-60V DC) wide-range input
- Full power between -40°C and +60°C
- Width only 32mm
- Rugged metal housing
- Large screw terminals
- Easy wiring: Distribution terminal for negative pole included



#### General Information

Brand	PULS
Country of Origin	China / Czech Republic
Customs Tariff Number	85044083
E Classification	E-CS03
Product Type	Diode
Range	DIMENSION
Series	Y series
Warranty Period (Months)	36

#### Technical Attributes

Connection Type	Screw terminals
Derating	0.5 W/°C
Derating Temperature (°C)	> +60
Efficiency	%
Input Voltage Range DC (V)	24, 48
Maximum Input Voltage DC (V)	48
Maximum Output Short-circuit Current (A)	25
Minimum Input Voltage DC (V)	24
Minimum Output Current (A)	20
No. of Inputs	2
Nominal Current Per Input (A)	10

### Technical Attributes

Output Voltage (V)	24
Power Loss (W)	9
Power Loss No Load (W)	1
Rated Current (A)	20
Special Application	Hazardous location, Marine
Use In Crosslinking	Yes
Voltage Drop (mV)	800

### Physical Attributes

Conformal Coating	No
Mounting Type	DIN Rail
Operational Temperature Range (°C)	-40 to 70

### Dimensions

Dimensions (mm)	32W x 124H x 117D
Weight (g)	350

### Protection & Standards

Degree of Protection	IP20
Standards and Approvals	ATEX EN 60079, Class I Div. 2 Canada - CSA, Class I Div. 2 USA - CSA, EU Declaration of Conformity, IECEx IEC 60079, IEC 60950 CB Scheme, Korea Certification, Marine ABS, Marine DNV, UL 508 Canada, UL 508 USA, UL 60950-1 Canada, UL 60950-1 USA, UK Declaration of Conformity