

Product No: YR20.242

PULS MOSFET REDUNDANCY MODULE 12-28VDC 20A YR20.242

FEATURES

- For N+1 and 1+1 redundant systems
- Dual input with single output
- Only 60mV voltage drop at 10A output current
- Only 0.6W loss at 10A
- 160% (32.5A) Peak load capability
- Reverse input polarity protection
- Full power between -40°C and +70°C
- Width only 32mm
- Rugged metal housing
- 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	MOSFET
Range	DIMENSION
Series	Y series
Warranty Period (Months)	36

Technical Attributes

Connection Type	Screw terminals
Derating Temperature (°C)	> +60
Efficiency	%
Input Voltage Range DC (V)	12, 24
Maximum Input Voltage DC (V)	28
Maximum Output Current (A)	20
Maximum Output Short-circuit Current (A)	26
Minimum Input Voltage DC (V)	12

Nominal Current Per Input (A)	10
Output Voltage (V)	12-28
Power Loss (W)	0.6
Power Loss No Load (W)	0.2
Rated Current (A)	20
Special Application	Hazardous location
Use In Crosslinking	Yes
Voltage Drop (mV)	60

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)	250

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, UL 508 Canada, UL 508 USA, UL 60950-1 Canada, UL 60950-1 USA, UK Declaration of Conformity

Resources

Product catalogue (Flipbook)	Download from here
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