

## Product No: YR80.241

### PULS MOSFET REDUNDANCY MODULE 12-28VDC 80A YR80.241

#### FEATURES

- For N+1 and 1+1 redundant systems
- Dual input with single output
- Suitable for all power supplies
- Only 50mV voltage drop at 40A output current
- Only 2.7W loss at 10A and 8.3W at 80A output current
- 160% (130A) Peak load capability
- Reverse input polarity protection
- Full power between -40°C and +70°C
- Width only 46mm
- 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 Short-circuit Current (A)	130
Minimum Input Voltage DC (V)	12

No. of Inputs	2
Nominal Current Per Input (A)	40
Output Voltage (V)	12-28
Power Loss (W)	2.7
Power Loss No Load (W)	0.7
Rated Current (A)	80
Special Application	Hazardous location, Marine
Use In Crosslinking	Yes
Voltage Drop (mV)	49

### Physical Attributes

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

### Dimensions

Dimensions (mm)	46W x 124H x 127D
Weight (g)	440

### 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, Marine ABS, Marine DNV, UL 508 Canada, UL 508 USA, UL 60950-1 Canada, UL 60950-1 USA, UK Declaration of Conformity

### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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