

Product No: YR80.242

PULS MOSFET REDUNDANCY MODULE 12–28VDC, 80A YR80.242

FEATURES

- For N+1 and 1+1 redundant systems
- Dual input with single output
- Suitable for all DIMENSION power supplies except QT40 Series
- Only 65mV voltage drop at 40A output current
- Only 2.9W loss at 40A and 11.8W at 80A output current
- 160% (130A) Peak load capability
- Reverse input polarity protection
- Full power between -40°C and +60°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	2 W/°C
Derating Temperature (°C)	> +60
Efficiency	%
Input Voltage Range DC (V)	12, 24
Maximum Input Voltage DC (V)	28
Maximum Output Short-circuit Current (A)	44
Minimum Input Voltage DC (V)	12

Technical Attributes

Minimum Output Current (A)	80
No. of Inputs	2
Nominal Current Per Input (A)	40
Output Voltage (V)	12-28
Power Loss (W)	2.9
Power Loss No Load (W)	0.2
Rated Current (A)	80
Special Application	Hazardous location, Marine
Use In Crosslinking	Yes
Voltage Drop (mV)	65

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)	370

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