

Product No: YR40.482

PULS MOSFET REDUNDANCY MODULE 24-56VDC 40A YR40.482

FEATURES

- For N+1 and 1+1 redundant systems
- Dual input with single output
- Suitable for all DIMENSION power supplies
- Only 60mV voltage drop at 20A output current
- Only 1.8W loss at 20A and 5.4W at 40A output current
- 160% (65A) 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

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|--------------------------|------------------------|
| 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

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|------------------------------------------|-----------------|
| Connection Type | Screw terminals |
| Derating | 1 W/°C |
| Derating Temperature (°C) | > +60 |
| Efficiency | % |
| Input Voltage Range DC (V) | 24, 48, 56 |
| Maximum Input Voltage DC (V) | 56 |
| Maximum Output Short-circuit Current (A) | 45 |



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|-------------------------------|----------------------------|
| Minimum Output Current (A) | 40 |
| No. of Inputs | 2 |
| Nominal Current Per Input (A) | 20 |
| Output Voltage (V) | 24-56 |
| Power Loss (W) | 1.8 |
| Power Loss No Load (W) | 0.62 |
| Rated Current (A) | 40 |
| Special Application | Hazardous location, Marine |
| Use In Crosslinking | Yes |
| Voltage Drop (mV) | 60 |

Physical Attributes

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

Dimensions

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|-----------------|-------------------|
| Dimensions (mm) | 46W x 124H x 127D |
| Weight (g) | 360 |

Protection & Standards

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |

Resources

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| Product catalogue (Flipbook) | Download from here |
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