



Part Number: OBR40-62,5-LC

Optical bypass relay - MM 62,5/125 µm

Product Description

Fibre-optic relay to bypass Ethernet switches in case of power failure. Compatible with multimode fibres 62,5/125 µm. Suitable for all data rates and all kinds of data protocols.

Technical Specifications

Product description

| | |
|-------------------------|--|
| Name: | OBR40-62,5-LC |
| Description: | Fibre-optic relay to bypass Ethernet switches in case of power failure. Compatible with multimode fibres 62,5/125 µm. Suitable for all data rates and all kinds of data protocols. |
| Part Number: | 942 088-201 |
| Port type and quantity: | 4 x LC |

More Interfaces

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|---------------------------------|----------------------|
| Power supply/signaling contact: | 4-pin terminal block |
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Power requirements

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| Operating Voltage: | 10 - 60 VDC |
| Power consumption: | 2.5 W |
| Redundancy functions: | Passive bypass of the connected Ethernet switch, redundant power supply. |

Software

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| Diagnostics: | LEDs (power 1, power 2, status) |
| Configuration: | Threshold level for power supply low detection may be set from 10 V to 60 V by means of DIL-switches, recovery delay may be set from 0 s to 75 s by means of DIL-switches. |

Ambient conditions

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| MTBF: | 30 |
| Operating temperature: | -30-+70 °C |
| Storage/transport temperature: | -40-+85 °C |
| Relative humidity (non-condensing): | 10-95 % |

Mechanical construction

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| Dimensions (WxHxD): | 115 mm x 61 mm x 113 mm |
| Weight: | 500 g |
| Protection class: | IP30 |

EMC interference immunity

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| EN 61000-4-2 electrostatic discharge (ESD): | 4 kV contact discharge, 8 kV air discharge |
| EN 61000-4-3 electromagnetic field: | 10 V/m (80-1000 MHz), 3 V/m (1.4-2 GHz), 1 V/m (2-2.7 GHz) |
| EN 61000-4-4 fast transients (burst): | 2 kV power line, 1 kV data line |
| EN 61000-4-5 surge voltage: | power line: 0.5 kV (line/earth), 0.5 kV (line/line) |
| EN 61000-4-6 Conducted Immunity: | 10 V (150 kHz-80 MHz) |

EMC emitted immunity

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| EN 55022: | EN 55022 Class B |
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Approvals

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| Basis Standard: | EU Conformity |
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Scope of delivery and accessories

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| Scope of delivery: | Terminal blocks for power supply and fault contact, dust covers for optical ports, description and operating instructions. |
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