

XUSLBR5A1040R

safety light curtains receiver type 4 - for hand protection - 1040 mm

Main

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|---------------------------------------|---|
| Range of product | Preventa Safety detection |
| Product or component type | Safety light curtains receiver type 4 |
| Series name | Optimum |
| Device short name | XUSLB |
| Product compatibility | XUSLBR5A1040 |
| Output type | 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection) 1 auxiliary output solid-state PNP |
| Product specific application | For hand protection |
| Minimum object diameter for detection | 30 mm |
| [Sn] nominal sensing distance | 0.3...20 m 8 m with PDM |
| Height protected | 1040 mm |
| Number of beams | 52 |

Complementary

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|-------------------------------------|---|
| Detection system | Transmitter-receiver system |
| Response time | 23 ms |
| [EAA] effective aperture angle | 2.5 ° at 3 m |
| [Us] rated supply voltage | 24 V DC (+/- 20 %) against reverse polarity |
| [Ie] rated operational current | 2 A |
| Current consumption | 1.8 A with maximum load 450 mA no-load |
| Output current limits | <= 625 mA for safety outputs OSSD 100 mA for auxiliary output |
| Output voltage | 24 V |
| Output circuit type | DC |
| Monitoring act of of relay MPCE/EDM | 50 mA |
| Local signalling | 4 LEDs stop, run, interlock, ECS/B Blanking or FB (Floating Blanking) |
| Electrical connection | 1 female connector M12 8 pins |
| Marking | CE |
| Material | End caps : 20 % fibre glass impregnated nylon Casing : aluminium |
| Fixing mode | End brackets |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

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| Standards | ANSI B11:19-1990 ANSI/RIA R15.06 EN/IEC 61496-1 EN/IEC 61496-1-2 for type 4 ESPE EN/IEC 61496-2 OSHA 1910-212 OSHA 1910-217C ROHS directive 2002/95/EC Machinery directive 2006/42/EC EMC 2004/108/EC Work equipment directive 2009/104/EC |
| Product certifications | CSA TÜV UL |
| Ambient air temperature for operation | -10...55 °C |
| Ambient air temperature for storage | -25...75 °C |
| Relative humidity | <= 95 % without condensation |
| IP degree of protection | IP65 |
| Shock resistance | 10 gn for 16 ms conforming to IEC 61496-1 |
| Vibration resistance | 0.35 +/- 0.05 mm (f = 10...55 Hz) conforming to IEC 61496-1 |