

XUSLPZ3A0500BR

safety light curtain receiver type 4 - XUSLP -
height 500 mm - 3 beams

Main

Range of product	Telemecanique Safety light curtains XUSL
Product or component type	Safety light curtains receiver type 4
Device short name	XUSLP
Product compatibility	XUSLPZ3A0500B
Design	Compact
Output type	1 auxiliary output solid-state PNP 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection)
Product specific application	For body protection
Minimum object diameter for detection	500 mm
[Sn] nominal sensing distance	0.8...20 M depending on configuration 0.8...70 m depending on configuration
Height protected	300 mm
Number of beams	3

Complementary

Detection system	Transmitter-receiver system
Response time	< 16 ms light beam coding C < 20 ms light beam coding B < 24 ms light beam coding A
[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	300 mA no-load 1.6 A with maximum load
Output current limits	100 mA for auxiliary output 650 mA for safety outputs OSSD
Output voltage	24 V
Output circuit type	DC
Monitoring act of of relay MPCE/EDM	50 mA
Local signalling	4 LEDs stop, run, top alignment, bottom alignment
Electrical connection	Terminal block
Marking	CE
Material	Aluminium: casing 20 % fibre glass impregnated nylon: end caps Acrylic: front face
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 TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	Work equipment directive 2009/104/EC EN/IEC 61496-1 EMC 2004/108/EC Machinery directive 2006/42/EC OSHA 1910-217C EN/IEC 61496-1-2 for type 4 ESPE EN/IEC 61496-2 OSHA 1910-212 ANSI B11:19-1990 ANSI/RIA R15.06
Product certifications	CSA[RETURN]UL[RETURN]TÜV
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-25...75 °C
Relative humidity	0...95 % without condensation
IP degree of protection	IP65 IP67
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	18 months
----------	-----------