

H431575

Ljusridå typ4 30mm SN 20m H600mm

Partnumber: XUSLBR5A0600

Wholesalernumber:

EAN 13 code: 3389119030564

safety light curtain type 4 - XUSLB - for hand protection - 600 mm

Technical information

► Usage / Application

product specific application for hand protection

► Functional

output type	1 auxiliary output solid-state PNP 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection)
detection system	transmitter-receiver system
minimum object diameter for detection	30 mm mm
[Sn] nominal sensing distance	8 m with Programming and Diagnostic Module (PDM) 0.3...20 m
response time	23 ms
number of beams	30
kit composition	1 arc suppressor set 1 user guide with certificate of conformity on CD-ROM 1 receiver 1 test rod 1 transmitter 2 sets of 2 brackets with fixings
[EAA] effective aperture angle	2.5 ° at 3 m
output circuit type	DC
local signalling	1 LED (transmitter), function: power supply 4 LEDs (receiver), function: stop, run, interlock, ECS/B Blanking or FB (Floating Blanking) alignment aid by display of each light beam broken accessible by cabling alone
function available	auto/manual accessible via programming and diagnostic module automatic start accessible by cabling alone auxiliary output (PNP, status signalling) accessible by cabling alone display of operating modes and faults by LED and/or PDM accessible via programming and diagnostic module LED display of operating modes and faults accessible by cabling alone light beam coding (A or B) accessible via programming and diagnostic module monitoring of external switching devices (EDM: External Device Monitoring) accessible via programming and diagnostic module programming+downloading of conf settings, via programming+diagnostic module(PDM) accessible via programming and diagnostic module sensing distance (short, long) accessible via programming and diagnostic module test (MTS: Monitoring Test Signal) accessible by cabling alone CE
marking	
► Electrical	
[Us] rated supply voltage	24 V DC (+/- 20 %)
[Ie] rated operational current	2 A A
current consumption	285 mA (transmitter) 450 mA no-load (receiver) 1.8 A with maximum load (receiver)
output current limits	100 mA for auxiliary output <= 625 A for safety outputs OSSD

output voltage	24 V
switching capacity in mA	50 mA
▶ Performance	
safety level	type 4 conforming to IEC 61496-1-2 can reach SIL 3 conforming to IEC 61508 (correctly wired) can reach category 4 conforming to EN/ISO 13849-1 (correctly wired) can reach PL = e conforming to EN/ISO 13849-1 (correctly wired) PFH = 4.9E-8 1/h conforming to IEC 61508 (verified in worst case conf: 256 beams, 2 segments, mute), proof test interval = 20 yr
safety reliability data	
▶ Connections	
electrical connection	1 female connector M12 5 pins (transmitter) 1 female connector M12 8 pins (receiver)
▶ Installation	
fixing mode	end brackets
▶ Product identification	
range of product	Preventa Safety detection
series name	basic
product or component type	safety light curtain type 4
device short name	XUSLB
light source	GaAIAs LED, 880 nm
▶ Physical characteristics	
height protected	600 mm mm
material	casing: aluminium end caps: 20 % fibre glass impregnated nylon
product weight	3.22 kg kg
▶ Environment	
ambient air temperature for operation	-10...55 °C °C
ambient air temperature for storage	-25...75 °C °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
▶ Certifications and standards	
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

Supplier information

Supplier: Schneider Electric Sverige AB

Fax: +46 155 26 54 91

Web: <http://www.schneider-electric.se>

Adress: Eskilstunavägen 7, 611 56 Nyköping

Phone: +46 155 26 54 00

e-Mail: info@se.schneider-electric.com