



Main

Range of product	Preventa ATEX D
Product or component type	Safety switch
Device short name	XCSA
Material	Metal
Head type	Key operated turret head
Cable entry number	1 tapped entry (M20 x 1.5) for cable gland (included), cable outer diameter: 7...13 mm
Electrical connection	Terminal
Clamping connection	1 x 0.5...2 x 1.5 mm ² with or without cable end capacity
Number of poles	3
Contacts type and composition	1 NC + 2 NO
Contacts operation	Slow-break, break before make
Positive opening	With NC contact
Locking options description	Without locking of actuator

Complementary

Local signalling	Without
Mechanical durability	>= 1000000 cycles
Minimum actuation speed	0.01 m/s
Maximum actuation speed	0.5 m/s
Contact code designation	A300, AC-15 (120 V, Ie = 6 A) conforming to EN/IEC 60947-5-1 A300, AC-15 (240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 Q300, DC-13 (125 V, Ie = 0.55 A) conforming to EN/IEC 60947-5-1 Q300, DC-13 (250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-5-1
Short circuit protection	10 A cartridge fuse, gG (gl)
Actuator force for extraction	>= 20 N
Operating rate	10 cyc/mn for maximum durability
Body material	Zamak
Head material	Zamak
CAD overall width	40 mm
CAD overall height	114 mm
CAD overall depth	44 mm
Product weight	0.44 kg

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Environment

Safety level	Can reach category 4 conforming to EN/ISO 13849-1 with the appropriate monitoring system and correctly wired Can reach PL = e conforming to EN/ISO 13849-1 with the appropriate monitoring system and correctly wired Can reach SIL 3 conforming to IEC 61508 with the appropriate monitoring system and correctly wired
Safety reliability data	B10d = 5000000 value given for a life time of 20 years limited by mechanical or contact wear
Protective treatment	TC
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	5 gn (f = 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	10 gn for 11 ms conforming to IEC 60068-2-27
Class of protection against electric shock	Class I conforming to EN/IEC 60536
IP degree of protection	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1
Marking	II2 D-Ex tb IIIC T85°C Db IP67
Dust zone	Zone 21 - 22
Product certifications	CSA INERIS 04ATEX0014X UL
Standards	Directive ATEX 94/9/EC EN/IEC 60079-0 EN/IEC 60079-31

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1014 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations