

Main

Range of Product	Telemecanique Limit switches XC Standard
Series name	Miniature format
Product or Component Type	Wireless limit switch
Device short name	XCMW
Body type	Fixed
Head type	Rotary head

Complementary

Body Material	Plastic
Head material	Metal
Lever material	Metal
Fixing Mode	By 2 screws
Type of operator	Rod lever
Switch actuation	By 30° cam
Type of approach	Lateral approach, 2 directions
Communication network type	ZigBee green power 2.4 GHz IEEE 802.15.4
Electrical composition code	PW1
Emission Power	3 mW
Response Time	<= 2 ms
Maximum sensing distance	328.08 Ft (100 m) in free field 984.3 Ft (300 m) with external antenna 82.02 ft (25 m) in industrial environment
Contact operation	Snap action
Number of steps	1
Maximum force for tripping	50 N
Maximum torque for tripping	4.4 lbf.in (0.5 N.m)
Maximum actuation speed	0.3 ft/s (0.1 m/s)
Maximum operating rate	60 cyc/mn
Mechanical durability	400000 cycles
Switching operation per hour	3600
Width	1.2 in (30.0 mm)
Height	9.7 in (246 mm)
Depth	0.6 in (16.0 mm)
Net Weight	0.181 lb(US) (0.082 kg)

Environment

Electromagnetic compatibility	Radiated emission Immunity for industrial environments Susceptibility to electromagnetic fields - test level: 3 V/m (80...2700 MHz, distance = 20 m) Susceptibility to electromagnetic fields - test level: 10 V/m (80...2000 MHz) Electrostatic discharge immunity test - test level: 6 kV (on contact (on metal parts)) Electrostatic discharge immunity test - test level: 8 kV (in free air (in insulating parts))
Shock resistance	50 gn 11 ms IEC 60068-2-27
Vibration resistance	25 gn 10...500 Hz)IEC 60068-2-6 +/- 10 mm 2...11 Hz)IEC 60068-2-6
IP degree of protection	IP65 conforming to IEC 60529
IK degree of protection	IK04 conforming to IEC 62262
Ambient Air Temperature for Operation	-13...131 °F (-25...55 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Directives	1999/5/EC - R&TTE directive 2004/108/EC - electromagnetic compatibility
Standards	IEC 60947-1 IEC 60947-5-1
Radio agreement	IC RSS FCC RCM

Ordering and shipping details

Category	US1000T22412
Discount Schedule	000T
GTIN	3389119038034
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.57 in (4 cm)
Package 1 Width	2.09 in (5.3 cm)
Package 1 Length	8.07 in (20.5 cm)
Package 1 Weight	5.009 oz (142 g)
Unit Type of Package 2	S01
Number of Units in Package 2	4
Package 2 Height	5.91 in (15 cm)
Package 2 Width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	3.84 lb(US) (1.74 kg)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes