

Product data sheet

Specifications



Limit switch body, Limit switches XC Standard, ZCMD, 1NC+1 NO, silver, snap action

ZCMD21

Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZCMD
Design	Miniature
Body type	Plug-in body
Associated head	ZCE13 ZCEF2 ZCE63 ZCE27 ZCEH2 ZCE21 ZCE10 ZCE01 ZCE66 ZCE64 ZCE62 ZCE02 ZCEH0 ZCEF0 ZCE06 ZCE09 ZCE29 ZCE05 ZCE65 ZCE67 ZCE08 ZCE07 ZCE14 ZCE11 ZCE24 ZCE28 ZCEG1
Body material	Zamak
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Snap action

Complementary

Product compatibility	XCMD
Associated connection component	ZCMC21T2 ZCMC21L10 ZCMC21E3 ZCMC21E7 ZCMC21E5 ZCMC21L7 ZCMC21T5

	ZCMC21T1 ZCMC21L3 ZCMC21E1 ZCMC21L1 ZCMC21E2 ZCMC21L5 ZCMC21L2 ZCMC21E10
Electrical connection	Plug-in without pre-cabled connection
Contacts insulation form	Zb
Contacts material	Silver plated contacts
Positive opening	With
Minimum actuation speed	0.01 m/min
Contact code designation	B300, AC-15 (Ue = 240 V), Ie = 1.5 A conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), Ie = 0.1 A conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V (pollution degree 3) conforming to UL 508 400 V (pollution degree 3) conforming to IEC 60947-5-1 300 V (pollution degree 3) conforming to CSA C22.2 No 14
Maximum resistance across terminals	25 mOhm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60664 4 kV conforming to IEC 60947-1
Short-circuit protection	6 A cartridge fuse, type gG
Electrical durability	5000000 cycles, DC-13 120 V, 1 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V, 3 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 2 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Width	30 mm
Height	50 mm
Depth	16 mm

Environment

Ambient air temperature for storage	-40...70 °C
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.778 cm
Package 1 Width	3.302 cm
Package 1 Length	5.08 cm
Package 1 Weight	57.15 g
Unit Type of Package 2	P06
Number of Units in Package 2	1280
Package 2 Height	80.0 cm
Package 2 Width	80.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	87.38 kg
Unit Type of Package 3	S01
Number of Units in Package 3	40
Package 3 Height	15.0 cm

Package 3 Width	15.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	2.612 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
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

Contractual warranty

Warranty	18 months
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Recommended replacement(s)