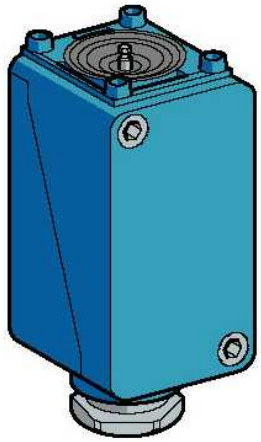
Product data sheet
Characteristics

ZC2JD1
limit switch body ZC2J - plug-in - without display - 1C/O



Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZC2J
Body type	Plug-in body
Product compatibility	XC2J
Local display	Without
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.75...2 x 1.5 mm²
Cable entry	1 tapped entry for Pg 13.5 cable gland (included)
Number of poles	1
Contacts type and composition	1 C/O
Contacts operation	Snap action
Number of steps	1 1 position
Positive opening	Without
Ambient air temperature for operation	-25...70 °C for standard environment
Environmental characteristic	Standard environment

Complementary

Associated head	ZC2JE01 ZC2JE02 ZC2JE03 ZC2JE05 ZC2JE09 ZC2JE61 ZC2JE62 ZC2JE63 ZC2JE64 ZC2JE65 ZC2JE66 ZC2JE70
Body material	Metal
Contacts material	Silver plated contacts
Minimum actuation speed	0.01 m/min
Contact code designation	A300, AC-15 240 V, Ie = 3 A), Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 250 V conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V conforming to CSA 22-2 No 14 contact block 500 V conforming to IEC 60947-1 contact block
Resistance across terminals	0.25 mOhm conforming to IEC 60255-7 category 3
Short circuit protection	10 A by gG cartridge fuse
Electrical durability	5000000 cycles, DC-13 120 V), 4 W, load factor: 0.5, operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V), 10 W, load factor: 0.5, operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V), 7 W, load factor: 0.5, operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C
Width	44 mm
Height	40 mm
Depth	77 mm

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 Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Product weight	0.38 kg
CAD overall width	42 mm
CAD overall height	81 mm
CAD overall depth	41 mm
Terminals description ISO n°1	(11-12)NC (13-14)NO

Environment

IP degree of protection	IP65
IK degree of protection	IK08
Ambient air temperature for storage	-40...70 °C