

Data sheet

020E01R

Elemento di contatto N.C., apertura ritardata



Features

Range	020 Comando e Segnalazione SM2 Ø 22
Product	Elementi di contatto
Type	N.C.
Item code	020E01R
Description	Elemento di contatto N.C., apertura ritardata
Colour	Rosso
Weight - gr	10,000
Custom tariff no.	85365080
GTIN	8052878003920

Technical data

Approvals	CE, UL, CSA, EAC
Compliance with standards	IEC-EN60947-1, IEC-EN60947-5-1, UL508, CSA C22-2
Compliance with standards	UNI CEI EN 45545-2, CEI EN 61373
Operating temperatures	-40° ÷ +70° C
Protection degree	IP20 (IEC-EN60529)
Mechanical durability	5.000.000 Operations
Shock resistance	30g duration=18ms (EN-IEC 60068-2-27)
Shock resistance	50g duration=11ms (EN-IEC 60068-2-27)
Vibration resistance	5g f= 2...500Hz (EN-IEC 60068-2-6)
Housing material	PA Polyamide
Screw material	Zinc plated steel
Terminal screw	Tightening torque 0.8÷1 Nm (IEC-EN60947-1)
Terminal screw head shape	Combined:cross Phillips2 or slotted flat D.5mm max
Terminal screw connections	min 1x0.5mm ² (20AWG) - max 2x2.5mm ² (14AWG)
Cable lugs	Fork type "spring spade" for screw M3.5 / W=6.4mm
Contact material	Ag 1000/1000
Contact movement	Slow action contact
Contacts	Self cleaning by pads creeping
NC Contact	Positive opening function (EN-IEC 60947-5-1 ann.K)
Operating travel	1.0mm NC change the state - 5mm total
Operating travel	1.9mm NOA (early make)change the state - 5mm total
Operating travel	2.5mm NCR (late break)change the state - 5mm total

Operating travel	3.6mm NO change the state - 5mm total
Operating force	2N
Rated insulation voltage	Ui 690V - Uimp 4KV (IEC-EN60947-1)
Rated thermal current	Ith 10A (IEC-EN60947-1)
Short circuit protection	10A cartridge fuse gG (EN-IEC 60947-5-1)
Electrical ratings	AC15-DC13 (IEC-EN60947-5-1) - A600-P300 (UL 508)
Electrical reliability	<10exp(-8)5mA in clean enviroment IEC-EN60947-5-4
AC Performances	AC 24V-10A, 120V-6A, 240V-3A, 600V-1.2A
DC Performances	DC 24V-5A, 120V-1.1A, 240V-0.55A
Warranty period	18 months

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Technical drawings

