Datasheet

050FI03
Interlock limit switch, 3 N.C.



Features

Range	Limit switches and cables
components	Limit switches
Code	050FI03
Description	Interlock limit switch, 3 N.C.
Colour	Rosso
Weight - gr	101.0
Customs Tariff	8536500700
GTIN	8052878048990

Datasheet

Approvals	CE, UL, CSA
Compliance with standards	IEC-EN60947-1, IEC-EN60947-5-1, UL508, CSA C22-2
Operating temperatures	-25° ÷ +65°C
Protection degree	IP20 (IEC-EN60529)
Mechanical durability	3.000.000 Operations
Housing material	PA Polyamide
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 material	Zinc plated steel
Terminal screw connections	min 1x0.5mm2 (20AWG) - max 2x2.5mm2 (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
Actuation speed	Min. 5mm/s - Max 20mm/s
NC contacts (all versions)	Positive opening function (IEC-EN60947-5-1 ann.K)
Rated insulation voltage	Ui 690V - Uimp 4KV (IEC-EN60947-1)
Rated thermal current	Ith 10A (IEC-EN60947-1)
Short-circuit protective device	10A cartridge fuse gG 10x38mm (IEC-EN60947-5-1)
Electrical ratings	AC15-DC13 (IEC-EN60947-5-1) - A600-P300 (UL 508)
AC Perfomances	AC 24V-10A, 120V-6A, 240V-3A, 600V-1.2A

DC Perfomances	DC 24V-5A, 120V-1.1A, 240V-0.55A
Interlock door limit switch	3 working positions
Contact blocks configuration	Max no. 6 contact blocks (3 front + 3 rear)
Contact block screws for overlapped elements	030V28(1 c.b.) / 030V46(2 c.b.) / 030V64(3 c.b)
Warranty period	18 months

Technical drawings







