

# Datasheet

050FI10

Interlock limit switch, 1 N.O.



## Features

<b>Range</b>	Limit switches and cables
<b>components</b>	Limit switches
<b>Code</b>	050FI10
<b>Description</b>	Interlock limit switch, 1 N.O.
<b>Colour</b>	Verde
<b>Weight - gr</b>	57.0
<b>Customs Tariff</b>	8536500700
<b>GTIN</b>	8052878049003

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<b>Approvals</b>	CE, UL, CSA
<b>Compliance with standards</b>	IEC-EN60947-1, IEC-EN60947-5-1, UL508, CSA C22-2
<b>Operating temperatures</b>	-25° ÷ +65°C
<b>Protection degree</b>	IP20 (IEC-EN60529)
<b>Mechanical durability</b>	3.000.000 Operations
<b>Housing material</b>	PA Polyamide
<b>Terminal screw</b>	Tightening torque 0.8÷1 Nm (IEC-EN60947-1)
<b>Terminal screw head shape</b>	Combined:cross Phillips2 or slotted flat D.5mm max
<b>Terminal screw material</b>	Zinc plated steel
<b>Terminal screw connections</b>	min 1x0.5mm <sup>2</sup> (20AWG) - max 2x2.5mm <sup>2</sup> (14AWG)
<b>Cable lugs</b>	Fork type "spring spade" for screw M3.5 / W=6.4mm
<b>Contact material</b>	Ag 1000/1000
<b>Contact movement</b>	Slow action contact
<b>Contacts</b>	Self cleaning by pads creeping
<b>Actuation speed</b>	Min. 5mm/s - Max 20mm/s
<b>NC contacts (all versions)</b>	Positive opening function (IEC-EN60947-5-1 ann.K)
<b>Rated insulation voltage</b>	Ui 690V - Uimp 4KV (IEC-EN60947-1)
<b>Rated thermal current</b>	Ith 10A (IEC-EN60947-1)
<b>Short-circuit protective device</b>	10A cartridge fuse gG 10x38mm (IEC-EN60947-5-1)
<b>Electrical ratings</b>	AC15-DC13 (IEC-EN60947-5-1) - A600-P300 (UL 508)
<b>AC Performances</b>	AC 24V-10A, 120V-6A, 240V-3A, 600V-1.2A

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

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# Technical drawings

