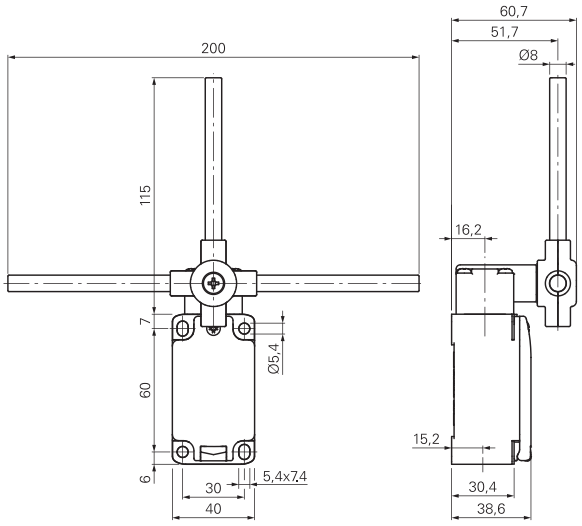
Pizzato Elettrica S.r.l.
Registered office:
Via Torino, 1
36063 Marostica (VI) ITALY

Operational headquarters:
Corso della Ceramica, 56/B
36063 Marostica (VI) ITALY

Warehouse access point:
Via Zaira Meneghin, 1
36063 Marostica (VI) ITALY

Phone +39 0424 470 930
info@pizzato.com
www.pizzato.com

Technical features: **FP 544**

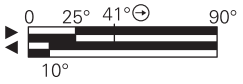


Article

FP 544

Contacts

1NO+1NC



- Snap action
- Positive opening
- Double interruption and twin bridge
- Captive screws
- Terminals with finger protection
- Wire cross section (flexible copper strands) contact block 5:
  - max. 2 x 2.5 mm² (2 x AWG 14)
  - min. 1 x 0.5 mm² (1 x AWG 20)
- Wire stripping length: 8 mm
- Three stable positions with 90° turns



Technical data

Housing

Housing made of glass fibre reinforced technopolymer, self-extinguishing, shock-proof and with double insulation:	⧈
One threaded conduit entry:	PG 13.5
Protection degree acc. to EN 60529:	IP67 with cable gland of equal or higher protection degree

General data

Ambient temperature:	-25°C … +80°C
Max. actuation frequency:	pending
Mechanical endurance:	1.000.000 operating cycles
Mounting position:	any
Mechanical interlock, not coded:	type 1 acc. to EN ISO 14119

Screws driving torques

Cover screws:	0.8 … 1.2 Nm
Head screws:	0.8 … 1.2 Nm
Lever screw	0.8 … 1.2 Nm
Contact block screws	0.6 … 0.8 Nm
M5 fixing screws:	2 … 3 Nm

Compliance with the requirements of:
Low Voltage Directive 2014/35/EU,
EMC Directive 2014/30/EU,
RoHS Directive 2011/65/EU
Positive contact opening in conformity with standards:
IEC 60947-5-1, EN 60947-5-1

Quality marks:

CE

Electrical data

Thermal current (I_{th}):	10 A
Rated insulation voltage (U_i):	500 Vac 600 Vdc
Rated impulse withstand voltage (U_{imp}):	6 kV
Conditional short circuit current:	1000 A acc. to EN 60947-5-1
Protection against short circuits:	type aM fuse 10 A 500 V
Pollution degree:	3

Utilization category

Alternating current: AC15 (50÷60 Hz)

U_e (V)	250	400	500
I_e (A)	6	4	1

Direct current: DC13

U_e (V)	24	125	250
I_e (A)	3	0.55	0.3

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