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XT

Characteristics
- 8 mm contact gap 8 mm creepage and clearance distances
- forced double break contacts

Rating: 400 VAC, 16,5 A max.

Dimensions (mm): 30 × 32 × 12

Actuator
- shrouded plunger
- optional key
- plain plunger

Approvals: UL, cUL, CSA, ENEC



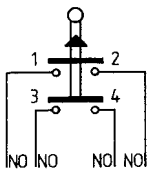
Preferred Range

Ordering Reference	Actuating Force (N)	(ozf)	Operating pos. (mm)	(in)	Terminal	Circuit	Actuator	Contacts	Electrical rating
XTD22AZ1	3,8	13,6	13,0	0,511	Faston	NO	Plunger	Ag nickel	Up to 400 VAC, 16.5 A

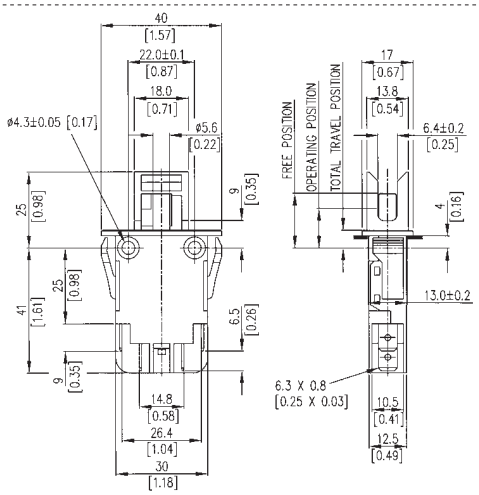
Specifications

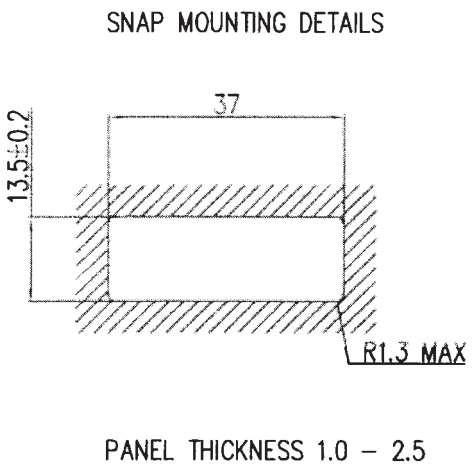
Housing	Glass fibre reinforced polyester
Plunger	Glass fibre reinforced polyester
Mechanism	Normally open
Contacts	Silver nickel
Terminals	6.3 mm (0.25 in) faston - brass
Temperature range °C	–20°C to +85°C
Mechanical life	10^6 cycles minimum (impact free actuation)
Protection	IP40 (enclosure)
Mounting	Snap-on or screw mounting
Actuator	Plunger (can be held depressed for maintenance with optional key shrouded option only)
Accessories	**Maintenance key N41784** and multiplug housing XTMHSG

Circuit diagram



Dimensions

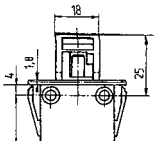




Recommended maximum electrical ratings

Voltage (max)	Load (A)	Inductive load	Horsepower	Approval
125 VAC	15.5 (0.75 pf)	-	-	UL 1054/CSA 22.2 No. 55 - 100,000 operations
250 VAC	15.5 (0.75 pf)	-	-	UL 1054/CSA 22.2 No. 55 - 100,000 operations
125 VAC	-	-	½ HP (0.45 pf)	UL 1054 - Horsepower- 100,000 operations
250 VAC	-	-	½ HP (0.45 pf)	UL 1054 - Horsepower- 100,000 operations
125 VAC	-	-	1½ HP (0.45 pf)	UL 1054 - Horsepower- 100,000 operations
250 VAC	-	-	1½ HP (0.45 pf)	UL 1054 - Horsepower- 100,000 operations
30 VAC	0,5	-	-	EN.60158-1 T85 (°C) 50,0000 operations
400 VAC	16,5	8	-	EN.60158-1 T85 (°C) 50,0000 operations
30 VDC	0,5	-	-	UL 1054/CSA 22.2 No. 55 - 6,000 operations

Operating Characteristics

Actuator	Reference	Actuating Force Maximum (N)	(ozf)	Release Force Minimum (N)	(ozf)	Free Position Maximum (mm)	(in)	Operating Position (mm)	(in)	Total Travel Position Maximum (mm)	(in)	Over travel (mm)	(in)
Plunger 	XTD22AZ1	3,8 (± 0.5)	13,600 (± 3.5)	5,8	20,8	18,0	0,708	13,0 ± 0.4 (main contact)	0,511 ± 0.016	10,0	0,394	3,0	0,118
								12,6 (low voltage contact)	0,496				

Ordering Reference

Example: XTD 22 J Z1

Basic type	XTD	
Terminals	**22**	**6.3 × 0.8 mm faston terminals**
	A	**100 k operations at 15:5 A 250 VAC, UL114 478**
Form	**–**	**Without identification: snap-on mounting with shroud**
	J	**Snap-on mounting without shroud**
	P	**Without shroud, without snap-on mounting**
	K	
Approvals	Z1	UL, cUL, CSA and ENEC

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