



ZX40E30A01

**ZX Series, Subminiature Basic Switch,
SPDT, 125 Vac, 3 A, Pin Plunger
Actuator, PCB Snap-in Termination**



Actual product appearance may vary.

Features

- Subminiature: 6,5 mm H x 5,7 mm W x 12,7 mm L [0.26 in H x 0.22 in W x 0.50 in L]
- Choice of low energy or power duty electrical ratings (gold-plated or silver contacts)
- Single pole double throw (SPDT) circuitry or single pole single throw (SPST) circuitry available
- Choice of 0.1 A or 3 A ratings
- Choice of actuation, termination and operating characteristics
- Polybutylene terephthalate housing material

Potential Applications

- Appliances
- Vending machines
- Timing devices
- Office equipment
- Computer/business equipment
- Test instruments
- Medical/dental equipment
- Communications equipment
- HVAC equipment
- Manually operated devices
- Valves

Description

MICRO SWITCH™ ZW Series subminiature basic switches are used for simple or precision ON/OFF application needs. These switches combine small size and light weight with ample electrical capacity, low cost and long life.

Product Specifications	
Switch Type	MICRO SWITCH™ Subminiature 6,5 mm H x 5,7 mm W x 12,7 mm L [0.26 in H x 0.22 in W x 0.50 in L]
Sealed	No
Ampere Rating	3 A
Circuitry	Single Pole Double Throw (SPDT)
Actuator	Pin Plunger
Termination	PCB Snap-in
Operating Temperature Range	-25 °C to 85 °C [-13 °C to 185 °C]
Voltage	125 Vac

Approvals	CE,CSA,UL
Contact Type	Silver
Operating Force (O.F.)	1,47 N [5.30 oz] max.
Release Force (R.F.)	0,20 N [0.71 oz] min.
Pretravel (P.T.)	1,3 mm [0.051 in] max.
Overtravel (O.T.)	0,2 mm [0.008 in] min.
Differential Travel (D.T.)	0,3 mm [0.012 in] max.
Operating Position (O.P.)	7,0 mm \pm 0,3 mm [0.276 in \pm 0.012 in]
Free Position (F.P.)	8,6 mm [0.339 in] max.
Housing Material	Polyamide (Nylon)
Humidity	Max. 85% RH at 40 °C [104 ° F]
High Temperature	85 °C [185 °F]
Mechanical Service Life	Min. 3,000,000 operations
Dielectric Strength	1,000 Vac (50 Hz to 60 Hz) between contacts, between terminals and ground, for one minute
Electrical Service Life	Min. 6,000 operations on resistive load current 3 A at 125 Vac
Electrical Operating Frequency	Max. 400 operations per minute
CE mark	61058-1
UL File #	E12252
CSA File #	212438
Agency Approvals and Standards	1054
Mounting Screw Size	2,3 mm [0.091 in] Flat fillister head
Mounting Centers	6,5 mm [0.26 in]
Maximum Tightening Torque	0,10 N m [0.9 in lb]
Availability	Global
UNSPSC Code	30211905
UNSPSC Commodity	30211905 Snap switches
Prod Code (Stock No.)	FBY0010
Series Name	ZX