

E1

Panel Mounted

Keyswitches

E1

Panel cut-out (mm) $\varnothing$ 15.1 $\times$ 15.1

- Characteristics
- tamper proof
 - 2 positions
 - key trapping options
 - gold-plated contacts
 - PCB Terminals

Rating 250 VAC, 100 mA

Dimensions (mm) 18 $\times$ 16

Actuator ■ plastic key

Approvals none

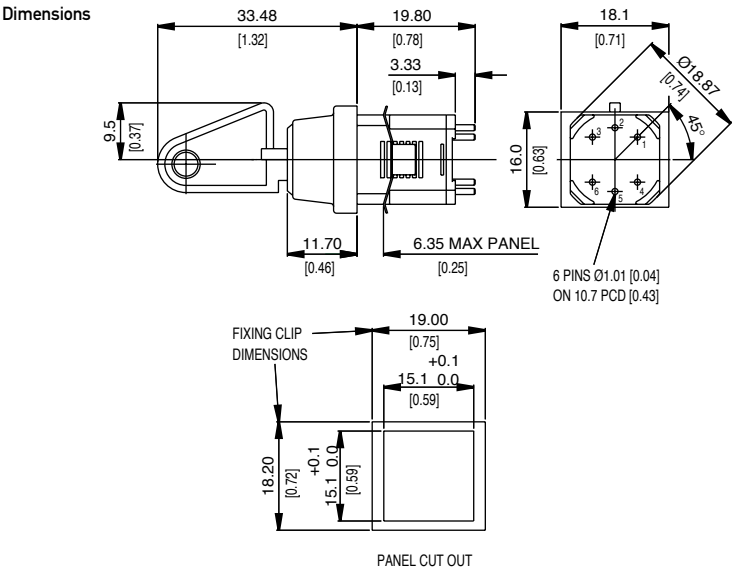


Preferred Range

Ordering Reference	Terminal	Circuit	Actuator	Contacts	Electrical rating
E1ACAAAE	Pins	2 pole C0	Key	Gold-plated	250 VAC, 100 mA

Specifications

Key	Glass-fibre reinforced nylon
Body	Glass-fibre reinforced nylon
Springs	Stainless steel
Contacts	Moving - gold-plated phosphor bronze, Fixed - gold-plated brass
Terminals	1.01 mm (0.04 in) dia × 3.3 mm (0.13 in) gold-plated brass
Temperature range °C	−20°C to +60°C
Mechanical life	50,000 operations (minimum)
Mounting	Retaining clip
Actuators	Key
Switching function	Double pole change-over, three circuit selector
Key indexing	90°



Recommended maximum electrical ratings

Voltage (max)	Resistive load (A)	Inductive load	Horsepower	Approval
250 VAC	100 mA	-	-	General rating - 50,000 operations
0-15 VDC	100 mA	-	-	General rating - 50,000 operations
15-30 VDC	100 mA	-	-	General rating - 50,000 operations

Operating Characteristics

Switching function	Reference	Actuator Type	Body style (mm)	Key trapping	Diagram
Double pole change-over	E1AAAAAE	Key	A - 18 × 16	No	
Double pole change-over	E1ACAAAE	Key	A - 18 × 16	Yes	
Three circuit selector	E1AAAAAJ	Key	A - 18 × 16	No	

Type coding key for standard products

Basic type	E1	Example: E1	A	A	A	A	A	E
Key	A	Standard key						
Key trapping	A	Key removable in all positions						
	C	Key trapped horizontally, right						
Body style	A	18.0 mm (0.710 in) × 16.0 mm (0.630 in) rectangular bezel						
Body colour	A	Black						
Terminal	A	1.01 mm (0.040 in) dia × 3.30 mm (0.130 in)						
Switching function	E	Double pole change-over						
	J	Three circuit selector						