A01ES-D series

Emergency stop switches •
panel cut-out Ø 16 mm



DISTINCTIVE FEATURES

Approved to EN 60947-5-5
5 prominent red actuator styles
Locked/unlocked status indicator
AC15 1.5 A 250 VAC, 6 A 250 VAC
Panel sealed to IP65



ENVIRONMENTAL SPECIFICATIONS

- Sealing options : front panel IP65, rear panel IP40 according to EN60947-5-5
- Operating temperature : -20 °C to +55 °C (-4 °F to +131 °F)

ELECTRICAL SPECIFICATIONS

- Electrical function : push to shut off, twist to release
- Current/voltage rating : AC-15 1.5 A 250 VAC, 6 A 250 VAC
- Electrical life : 6050 cycles
- Contact gap : > 3 mm
- Insulation resistance : 50 MΩ min
- Dielectric test voltage : 2,900 V

GENERAL SPECIFICATIONS

- Panel thickness : 6 mm (.236) max.
- Mechanical life : 6,050 cycles
- Operating force : 18 to 20 N
- Torque : 0.8 Nm
- Soldering : 350 °C (662 °F) , 5 seconds (IEC 68-2-2-20Tb, method 2)
- Switch terminals : solder/ quick-connect 2.8 mm (.110) (IEC 68-2-20)

The company reserves the right to change specifications without notice.

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MATERIALS

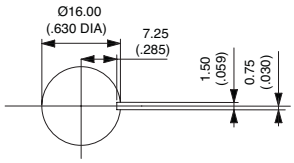
- Operator case : polyetherimide
- Actuator : polycarbonate
- Switch block : PBT
- Panel seal : neoprene

AGENCY APPROVAL

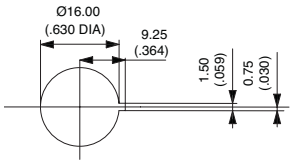
Switch block approved to UL1054/VDE (EN61058-1)
CE certificate according TUV Rheinland report (EN60947-5-5)

PANEL CUT-OUT

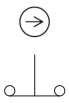
A01ES-DM - A01ES-DSP3



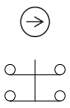
A01ES-D - A01ES-DF1- A01ES-DF2



ELECTRICAL FUNCTIONS



Single pole
Normally Closed



Double pole
Normally Closed

BUILD YOUR PART NUMBER

An emergency stop switch assembly requires : 1 operator + 1 switch block. Example : Ø 16 mm red twist to reset, knurled head actuator with double pole positive break switch block = A01ES-D + A0154B-D

OPERATOR

A01 — SERIES

__ — OPERATOR TYPE

ES	Emergency stop

__ — ACTUATOR

DM	Mushroom head (standard)
D	Knurled head
DF1	Finger grip
DF2	Smooth
DSP3	Ø 40 mm head

SWITCH BLOCK

A01 — SERIES

__ — SWITCH BLOCK

50B-D	Single pole
54B-D	Double pole

__ — OPTIONS

Blank	None

Customization on request.

ABOUT THIS SERIES

Mounting accessories : standard hardware supplied : 1 nut and 1 flat seal

Operators and switch blocks must be ordered together, see below part numbers.

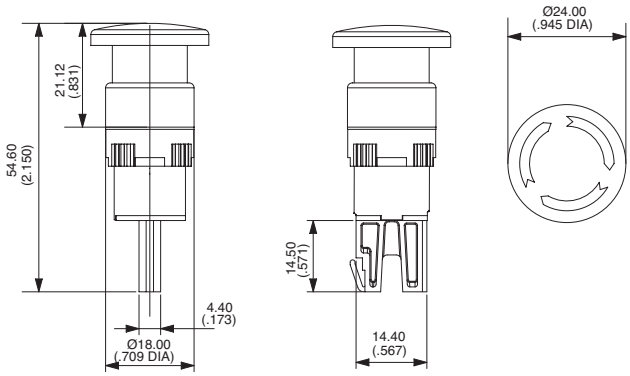
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MUSHROOM HEAD ACTUATOR - STANDARD



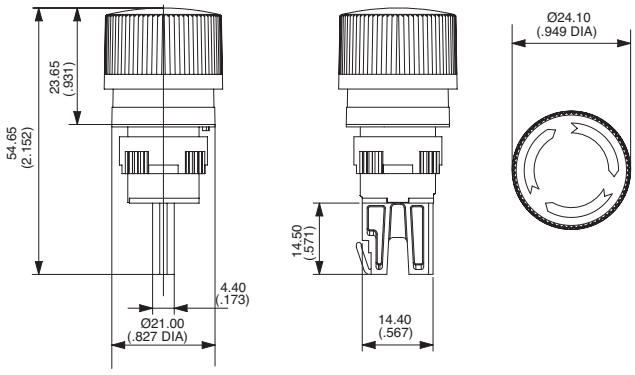
PART NUMBERS:
A01ES-DM+A0150B-D
A01ES-DM+A0154B-D



KNURLED HEAD ACTUATOR



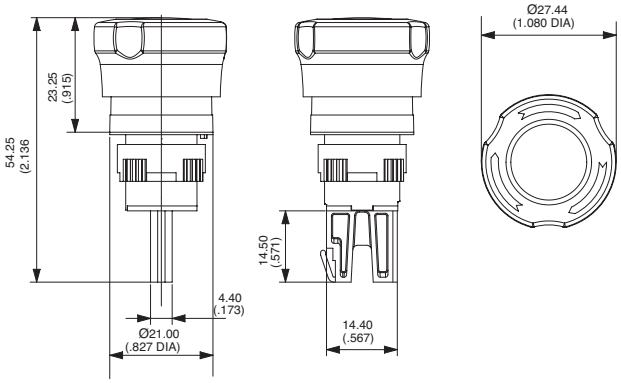
PART NUMBERS:
A01ES-D+A0150B-D
A01ES-D+A0154B-D



FINGER GRIP ACTUATOR



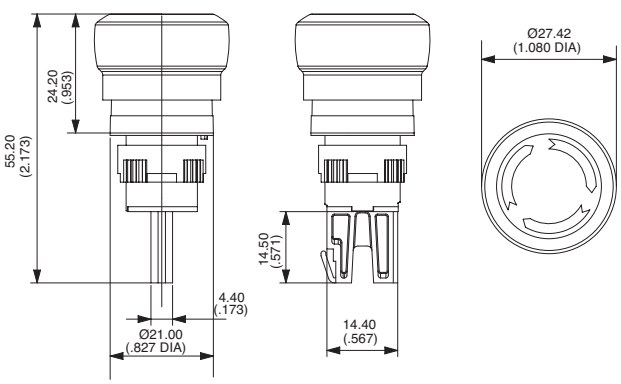
PART NUMBERS:
A01ES-DF1+A0150B-D
A01ES-DF1+A0154B-D



SMOOTH ACTUATOR



PART NUMBERS:
A01ES-DF2+A0150B-D
A01ES-DF2+A0154B-D



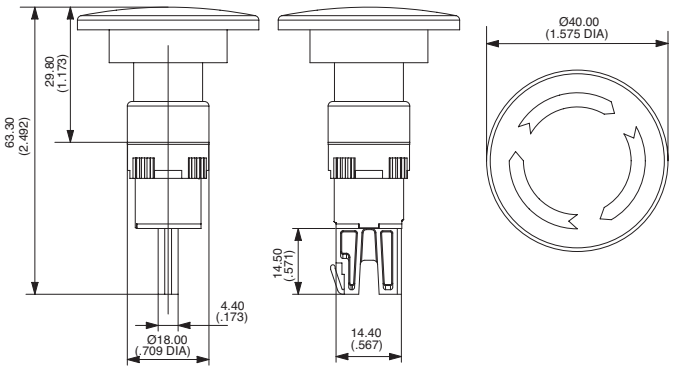
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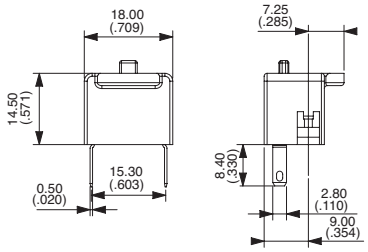
Ø 40 MM HEAD ACTUATOR



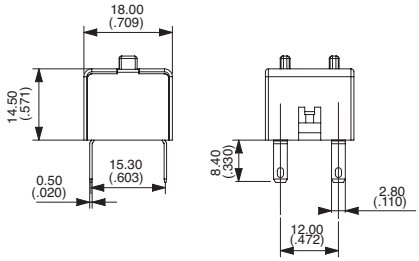
PART NUMBERS:
A01ES-DSP3+A0150B-D
A01ES-DSP3+A0154B-D



SINGLE POLE SWITCH BLOCK: A0150B-D



DOUBLE POLE SWITCH BLOCK: A0154B-D



ACCESSORIES

To order separately

Ø 60 MM SELF ADHESIVE LABEL

A01YL2 Without text

NUT TOOL

30-0001 Nut tool

