Panel Mount Pushbutton

Double Pole
E7 F7 series

Features

- Choice of Momentary, Push-Pull (reset) and Cheat Interlock
- Long life coil spring snap action mechanism
- Agency approved extended life versions available

- Snap in mounting
- ENEC available on select models
- E75/E79 series: Cadmium contacts (Use according to DIRECTIVE 2011/65/EU)

Standard Parts

0E78-00A0	0E78-30A0	0E78-40A0	0E79-00A0	0E79-30A0	0E79-40A0
0F79-00A0	0F79-30A0	0F79-66A0			

Notes:
Part numbers with a leading 0 and a trailing 0 are functionally no different than without a leading / trailing 0.

Electrical Specifications – Contact Ratings

Switch Series	According to EN61058-1		According to UL1054	
	Nominal Load	Operating Cycles	Nominal Load	Operating cycles
0E75	N/A	N/A	16 A, 125/250 VAC; 1/3 HP; 125/250 VAC	6,000 *
0E77	N/A	N/A	0.1 A 125 VAC; 10 A 1/3 HP, 125/250 VAC	6,000 *
0F77	0.1(0.05) A, 125 VAC; 10(4) A, 250 VAC	50,000		
0E78	N/A	N/A	0.1 A, 125 VAC	6,000*
0F78	0.1(0.05)A, 125 VAC	50,000		
0E79	N/A	N/A	10 A, 125/250 VAC; 1/3 HP, 125/250 VAC	6,000*
0F79	10(4)A, 250 VAC	50,000		

*Extended life UL versions available. Contact factory for more information. Special part number required.

Environmental and Mechanical Specifications

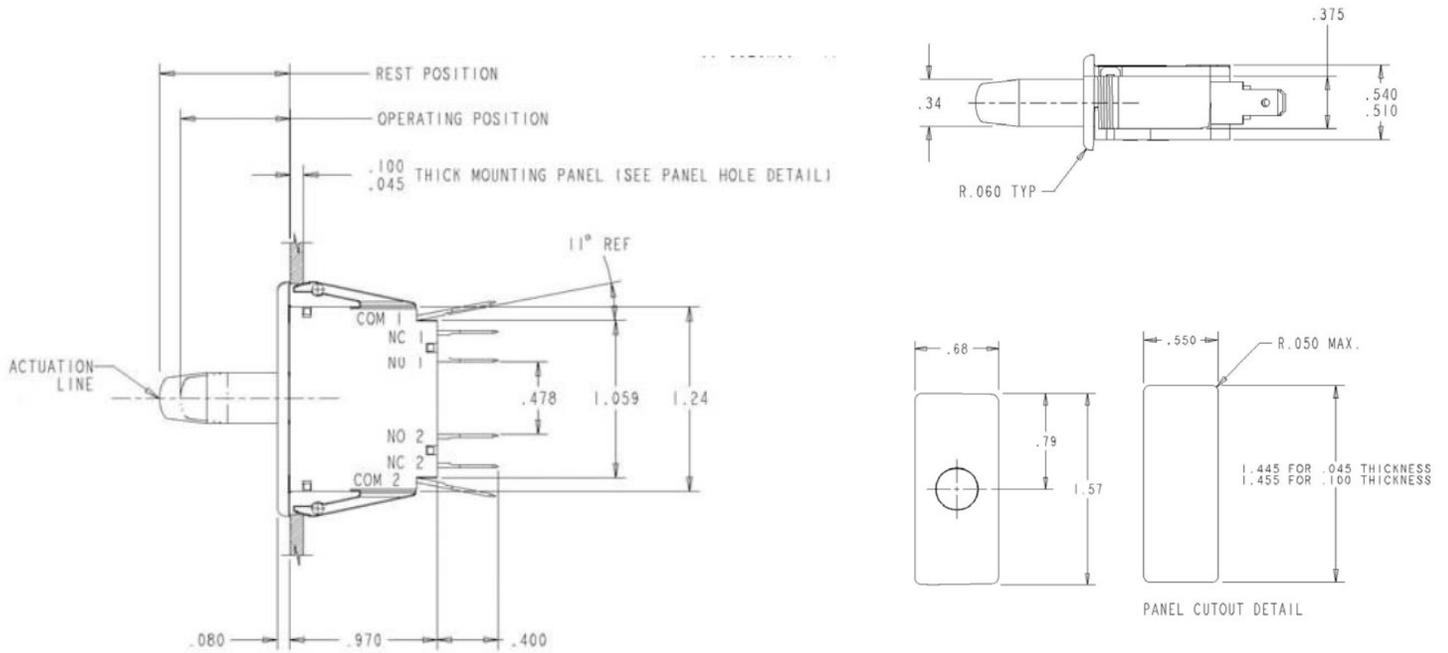|	
Operating force	680 - 921 grams
Temperature range	-40 ^{O}C to 85 ^{O}C
Protection class	IP40
Terminal dimensions	Up to 10 A: 4.8 mm x 0.5 mm or 4.8 mm x 0.8 mm; 16 A: 6.3 mm x 0.8 mm

Material Specifications

Case	PBT+PV UL94 V0
Cover	PBT+PV UL94 V0
Actuator	E7: POM UL94 HB, F7: PBT UL94 V0
Terminals	NO/NC: Brass; COMMON: Brass AG plated
Moving Blade	Beryllium Copper w/wo Ag plating
Contacts	E7: Ag/CdO, Au alloy F7: AgCdO/AgNi, Au alloy
Alignment spring guide	Nylon UL94 V0

Dimensions (mm) and terminal configurations

REST POSITION
OPERATING POSITION
.100 / .045 THICK MOUNTING PANEL (SEE PANEL HOLE DETAIL)

11° REF

ACTUATION LINE

COM 1
NC 1
NU 1

.478   1.059   1.24

NO 2
NC 2
COM 2

.080   .970   .400

.375
.34
.540
.510
R.060 TYP

.68

.550   R.050 MAX.

.79
1.57

1.445 FOR .045 THICKNESS
1.455 FOR .100 THICKNESS

PANEL CUTOUT DETAIL

Button details

Actuator (function)

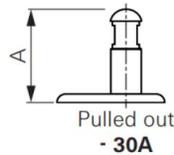| - 00A | - 20A | - 30A
- 66A | - 30A | - 40A | - 50A |

Ø 0.315

A
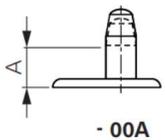
- 00A
Basic momentary
(Makes contact
while actuated)
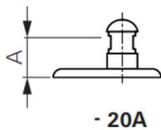
- 20A
Push-pull (Push:
makes contact, Pull:
reset position)
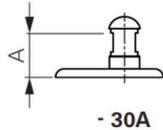
- 30A
- 66A
Momentary
(If pushed: normal
pushbutton function)

Pulled out
- 30A
Cheat interlock
(If pulled: permanent
contact function)
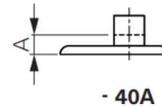
- 40A
Short button momentary
(Makes contact
while being actuated)
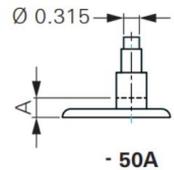
- 50A
Momentary – for auxiliary
button (Makes contact
while being acutated)