

EC series

Compact emergency switches •
panel cut-out Ø 22 mm



DISTINCTIVE FEATURES

- Compact emergency stop switches with Ø22 mm bushing
- Integrated connector for easy mounting
- Front sealing : IP65
- Approved according to EN 60947-5-1, EN 60947-5-5



ELECTRICAL SPECIFICATIONS

- Electrical function : One pole, Normally closed contact (NC).
- Current/voltage rating (EN60947-5-1):
 Ui : 250 V, Uimp : 2.5 kV, direct opening action
 AC15 B300, 3 A/120 V; 1.5 A/240 V, Ith: 5 A
 DC13 R300, 220 mA/125 V; 110 mA/250 V, Ith: 1 A
- Electrical life : 50,000 lifecycle (6,050 lifecycles according EN60947-5-1)
- Dielectric strength : 2,500 Vrms 50 Hz min. between terminals



ENVIRONMENTAL SPECIFICATIONS

- Front panel sealing : IP65
- Operating temperature : -35 °C to +70 °C (-31 °F to +158 °F)
- Storage temperature : -40 °C to +85 °C (-40 °F to +185 °F)



GENERAL SPECIFICATIONS

- Panel thickness : 1-4 mm (.039 - .157) max.
- Torque : 1.5 Nm max. applied to nut



MATERIALS

- Case : PA66
 - Actuator : PA66
 - Bushing : PA66
 - Contacts and terminals : Brass silver plated + silver rivet
- APEM products may be recycled at end-of-life for the re-claiming of valuable metal components.

The company reserves the right to change specifications without notice.

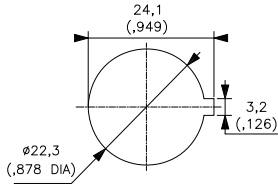


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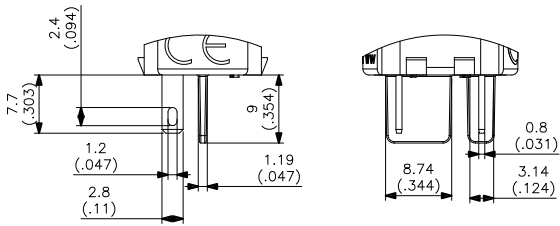
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PANEL CUT-OUT



TERMINALS



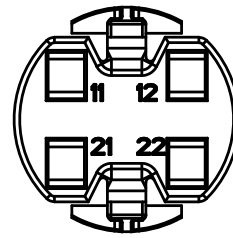
ELECTRICAL FUNCTIONS



Single pole
Normally closed



CONNECTIONS



2.8 (.110) tabs to be fitted by the user
(example : AMP/Tyco 0-927779-3) on connector location #11 and #12.

AGENCY APPROVALS



EN 60947-5-1: 2017
EN 60947-5-5 : 1997+A1+A11+A2



2014/35/EU

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SINGLE POLE



EC-BTT-F-002-A



CONNECTOR



EC481022

