



1-Gang Tumbler Switch



2-Gang Tumbler Switch

CONTENDER™ 4/4X SERIES FACTORY SEALED TUMBLER SWITCH STATIONS

APPLICATIONS

- For use in washdown and other damp, wet and highly corrosive or dusty areas where ignitable vapors, gases or highly combustible dusts are abnormally present.
- Designed to prevent arcing of enclosed switches in ignitable atmospheres during connect and disconnect operation of lighting and small motor loads.

FEATURES

- Covers are UL Classified for use with Crouse-Hinds EDS series back boxes.
- Silicone cover gasket ensures high degree of water and dust ingress protection.
- 20 Amp 1-Pole, 2-Pole and 3-Way switches for use with 120-277 Vac. 1 HP at 120 Vac and 2 HP at 240 Vac.
- Lockout provision for 1/4" locks to prevent unauthorized startup or turn off.
- Temperature rating: -25 °C to +40 °C (-13 °F to +104 °F).
- Corrosion resistant captive stainless steel screws hold cover to back box.
- Smooth, rounded integral bushing in each hub protects conductor insulation.
- Back boxes have external mounting lugs for ease of mounting.
- Back boxes are furnished with internal ground screw.
- Factory sealed, no external seals required.

STANDARD MATERIALS

- Back box: malleable iron or optional copperfree (4/10 of 1% max.) aluminum
- Cover: die-cast aluminum
- Screws: stainless steel
- Gasket: silicone
- O-Rings: buna n

OPTIONS

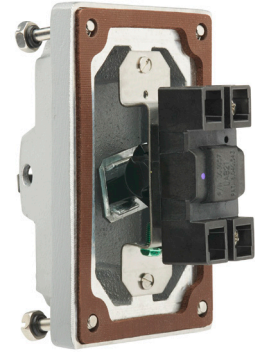
- 1 or two Aluminum back box for Type 4X rating, add suffix -A

STANDARD FINISHES

- Malleable iron back box: triple coat—(1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Cover and optional copperfree aluminum back box: epoxy powder coat

NEC/CEC CERTIFICATIONS AND COMPLIANCES

- Class I, Division 2, Groups B, C, D
- Class I, Zone 2, Group IIB+H₂
- Class II, Division 1 and 2, Groups E, F, G
- Class III
- Type 3, 3R, 4 Ⓢ, 4X Ⓢ, 12
- IP66
- UL Standards: UL 508, UL 698, UL 1203, UL 1604, ISA 12.12.01
- CSA Standards: C22.2 No. 14-M, C22.2 No. 213-M, C22.2 No. 25, C22.2 No. 30
- cULus Listed: E10523, E81751, E157407



ILLUSTRATED FEATURES

- Cover gasket and o-rings supplied on screws and actuator achieve Type 4 and 12 protection to eliminate possible ingress reducing repairs and replacements

CATALOG NUMBERING GUIDE: ED2SC1129A

This is a 20 Amp, 1-Pole Contender™ 4/4X Tumbler Switch with a feed-thru 3/4" NPT 1-gang back box and aluminum option for Type 4X protection.

ED2S	C	1	1	29	A	Cover and Switch Assembly Only
Series: ED2S – Contender Type 4/4X Series	Back Box Hub Type: Blank - Dead-End C - Feed-Thru*	Hub Size: 1 - 1/2" 2 - 3/4" 3 - 1"	Number of Gangs 1 - One-Gang 2 - Two-Gang	Contact Configuration: 29 - 1-Pole 18 - 2-Pole 30 - 3-Way	Options: A - Aluminum Back Box Ⓢ	ED2SF21AQ - 1-Pole ED2SF22AQ - 2-Pole ED2SF23WAQ - 3-Way

Ⓢ Product with iron back box is Type 4 rated. With aluminum back box (add suffix -A), product is Type 4X rated.

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