

Unicode® 2 Series 16 Amp Switches

Components for Increased Safety Enclosures

NEC:
Class I, Division 2, Groups A, B, C, D
Class I, Zone 1, AEx de IIC

CEC:
Class I, Division 2, Groups A, B, C, D
Ex de IIC

ATEX/IECEX:
Zone 1 and 2 – 21 and 22
Ⓢ II 2 GD

Features

- 2, 3, 4, 6 or 8-pole switches:
 - TS35 rail mounted
 - Panel mounted
 - Padlockable
 - Can be equipped with switch and changeover switch contact blocks
- Switching capacity:
 - AC 1, 16 Amp, 690 Vac
 - AC 3, 8 Amp, 500 Vac
 - AC 3, 4 Amp, 690 Vac
 - AC 15, 16 Amp, 415 Vac
 - DC 1, 10 Amp, 24 Vdc
 - DC 1, 6 Amp, 60 Vdc
 - DC 1: 6 Amp/110 Vdc (2 contacts wired in series)
 - DC 1: 6 Amp/220 Vdc (3 contacts in series)
- Terminal connection: 1.5 mm² - 2.5 mm² (stranded), 1.5 mm² - 4 mm² (solid)
- Operational life: 10,000 cycles.



Standard Materials

- Body: polyamide
- Contact: silver

NEC/CEC Certifications and Compliances

- Switches: Certification Type SW16
 - Ambient Temperature: -55 °C to +80 °C (-67 °F to +176 °F)
 - CAN/CSA Standards: C22.2 No. 0-12, No. 14-10, No. 213-M1987, No. 60079-0, No. 60079-1, No. E60079-7,
 - UL Standards: UL 508, UL 60079-0, UL 60079-1, UL 60079-7
 - Other Standards: ANSI/ISA 12.12.01
 - CSA Certificate: 2644203

ATEX/IECEX Certifications and Compliances ①

- Switches: Certification Type SW16
 - Gas: Zone 1 and 2
 - Conforming to ATEX 94/9/CE: 0081 Ⓢ II 2 G
 - ATEX/IEC Protection: Ex db eb IIC
 - Dust: Zone 21 and 22
 - Must be used in an approved dustproof enclosure
 - Operating Temperature: -55 °C to +80 °C (-67 °F to +176 °F)
 - CE Declaration of Conformity: 5C249
 - ATEX Certificate: LCIE 12 ATEX 3068U
 - IEC Certificate: IECEX LCIE 12.0021U
- Handles: Certification Type USH Ⓢ
 - Gas: Zone 1 and 2
 - Conforming to ATEX 94/9/CE: 0081 Ⓢ II 2 G
 - ATEX/IEC Protection: Ex e II
 - Dust: Zone 21 and 22
 - Conforming to ATEX 94/9/CE: 0081 Ⓢ II 2 D
 - ATEX/IEC Protection: Ex tD A21
 - IP66 IK10
 - Operating Temperature: -20 °C to +75 °C (-4 °F to +167 °F)
 - CE Declaration of Conformity: 5C221
 - ATEX Certificate: LCIE 03 ATEX 0012U
 - IEC Certificate: LCIE Ex 03.011U
- Other Certifications: GOST R
- Ex standards :EN/IEC 60079-0; 60079-1; 60079-7
- Product Standards: EN/IEC 60947-1; 60947-4; 60947-5
- Other standards: EN/IEC 60529 (IP); 62262 (IK)

① These products are certified only when used as components in factory assembled panels.

② USH handle is IEC Certified, it is not for use in IECEX explosive atmospheres.

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ATEX/IECEX:
Zone 1 and 2 – 21 and 22
Ex II 2 GD

	Diagram Number	Wiring Diagram	Catalog Number	
			Rail Mounted	Panel Mounted
Two Pole Selector Switches (handle to be ordered separately)				
2 position 2-pole selector switch	002		US32R	US32P
2 position 2-pole selector switch	016		US30R	US30P
3 position 2-pole selector switch	027		US31R	US31P
3 position 2-pole selector switch with spring return from 135° to 90°	038		US33R	US33P
3 position 2-pole selector switch with spring return from 45° to 90°	048		US34R	US34P
Three or Four Pole Selector Switches (handle to be ordered separately)				
2 position 4-pole selector switch	102		US35R	US35P
3 position 4-pole selector switch	119		US36R	US36P
2 position 4-pole selector switch	106		US37R	US37P
3 position 3-pole — Late break, early make selector switch with spring return from 45° to 90°	138		US38R	US38P
3 position 3-pole — Late break, early make selector switch with spring return from 135° to 90°	197		US39R	US39P
Padlockable lever handle for all selector switches			USH ①	

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