

Unicode® 2 Series 16 Amp Switches

Components for Increased Safety Enclosures

Features

- Two contact switches
 - ATEX and IECEx certified.
 - 1 to 4 pole switches.
 - TS35 rail mounted.
 - Panel mounted.
- Three or four contact switches
 - Padlockable.
 - Can be equipped with switch and changeover switch contact blocks.
 - ATEX and IECEx certified.
- Switching capacity:
 - AC12: 16 Amp/400 Vac
 - AC14: 10 Amp/400 Vac
 - AC15: 6 Amp/500 Vac
 - DC13: 2 Amp/24 Vdc and 1 Amp/110 Vdc
- Terminal connection: 0.004 in²/2.5 mm².
- Operational life: 100,000 hours.



US30R
(rail mounted contacts)



US30P
(panel mounted contacts)



USH2R
(rail mounted contacts)



USH2P/USH3P/USH4P
(panel mounted contacts)

Standard Materials

- Body: polyamide
- Two contact switches sealing material: neoprene

Certifications and Compliances

- Switches: Certification Type 8008/2
 - Gas: Zone 1 and 2
 - Conforming to ATEX 94/9/CE: 0102 ☷ II 2 G
 - ATEX/IEC Protection: Ex de IIC
 - Dust: Zone 21 and 22
 - Conforming to ATEX 94/9/CE, ATEX/IEC Protection: authorized to be used in an approved dustproof enclosure
 - Surface Temperature: -67 °F/-55 °C to +212 °F/+100 °C
 - CE Declaration of Conformity: 5C243
 - ATEX Certificate: PTB 00 ATEX 1111U
 - IEC Certificate: IECEx PTB 06.0010U
- Other Certifications: CSA, UL, FM
- Handles: Certification Type AUXe
 - Gas: Zone 1 and 2
 - Conforming to ATEX 94/9/CE: 0081 ☷ II 2 G
 - ATEX/IEC Protection: Ex e IIC
 - Dust: Zone 21 and 22
 - Conforming to ATEX 94/9/CE: 0081 ☷ II2 D
 - ATEX/IEC Protection: Ex tD A21
 - Surface Temperature: -4 °F/-20 °C to +167 °F/+75 °C
 - CE Declaration of Conformity: 5C221
 - ATEX Certificate: LCIE 03 ATEX 0012U
 - IEC Certificate: LCIE Ex 03.011U
- Other Certifications: GOST
- Ex standards: EN/IEC 60079-0; 60079-7; 61241-0; 61241-1
- Product Standards: EN/IEC 60947-1; 60947-4; 60947-5
- Other standards: EN/IEC 60529 (IP); 62262 (IK)

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Controls

CONTROLS: HAZARDOUS LOCATION CONTROL STATIONS AND SWITCHES

		Wiring Diagram	Pack	Catalog Number
				Rail Mounted Panel Mounted
Two Contact Switches (handle to be ordered separately)				
2-pole switch	002		1	US32R US32P
2 ways 1-pole Selector switch	016		1	US30R US30P
3 ways 1-pole Selector switch	027		1	US31R US31P
3 ways 1-pole Selector switch with spring return from 135° to 90°	038		1	US33R US33P
3 ways 1-pole Selector switch with spring return from 45° to 90°	048		1	US34R US34P
Padlockable handle			1	USH2R USH2P
Three or Four Contact Switches (handle to be ordered separately)				
4-pole switch	102 †		1	US35R US35P
3 ways 2-pole Selector switch	119 †		1	US36R US36P
2 ways 2-pole Selector switch	106 †		1	US37R US37P
3 ways 2-pole — Late break, early make Selector switch with spring return from 45° to 90°	138 †		1	US38R US38P
3 ways 2-pole — Late break, early make Selector switch with spring return from 135° to 90°	197 †		1	US39R US39P
Padlockable handle for rail mounted			1	USH2R —
Padlockable handle for panel mounted ECES Series stainless steel enclosures			1	— USH3P
Padlockable handle for panel mounted ECEP and ECEA Series polyester or aluminum enclosures			1	— USH4P
Dimensions in Inches/Millimeters				
Changeover Switch/Switch				
	A	B	C	D
2 Contacts	1.87/47.5	2.56/65.0	1.89/48.0	1.77/45.0
3 and 4 Contacts	2.38/60.5	2.87/73.0	1.89/48.0	1.77/45.0
USH2R				
USH2P/USH3P/USH4P				

† Factory configured contact arrangement.