

XCL/XML switchbox Order code

Related Document – No modification permitted without reference to the authorized person

A= Brand sticker

Blank Automax
 A Accord
 I Inline Industries
 V Valtek
 T Texas Electronic Resource
 P PMV
 L Limitorque
 W Worceseter
 U UC = Accord

B= Shaft

D Double 'D' Shaft 1/4"
 N NAMUR VDI/VDE 3845 Shaft
 G Low profile shaft
 T Turnex for NAF

C= Connections (cable entry)

XCL Aluminium Housing, Explosion proof / Flame-proof, 2 x 3/4" NPT
 XML Aluminium Housing, Explosion proof / Flame-proof, 2 x M25

D= Indicator option

1 Flat Top Cover without indicator
 U Standard Ultradome (Green / Red)
 3 Four Window Ultradome
 C 90° 3-Way Ultradome
 D 180° 3-Way Ultradome
 E 180° 3-Way Center Blocked Ultradome
 F 120° Thru / Divert Ultradome
 H Black / Yellow Ultradome
 K Green / Red with Ektar Ultradome
 R Reverse - Red = Open / Green = Close Ultradome
 W White (=closed) / Blue (=open) Ultradome
 X Three Position Type 6 White (=closed) / Blue (=open) Ultradome

E= Qty of switches

0 0 switches
 1 1 switch
 2 2 switches
 4 4 switches

F= Switch options (qty of switch)

00 No Switches (empty housing)
 M1 SPDT Mechanical switches 250VAC 10A
 MA SPDT Mechanical with Cams for 3-Position Control
 MD DPDT Mechanical with Cams for DA 3-Position w/ Indication
 MS DPDT Mechanical with Cams for SR 3-Position w/ Indication
 MC SPDT Mechanical - Construction for 250° F
 MG SPDT Mechanical - Gold Contacts
 M3 DPDT Mechanical - Cherry
 MB DPDT Mechanical - Licon
 F1 IFM IN5129 10-36VDC 3-Wire (G=14 only)
 F8 IFM IN0081, 20-250 AC/DC, NO, 350mA/100mA w/LED (G=14 only)
 FL IFM ISS026, 5-26 VDC 2-wire (G=14 only)
 P1 P&F NCB2-12GM40-Z0 (2-Wire NO, N/A with G=19)
 P4 SPST Proximity
 P5 SPDT Proximity
 PE Sabre SPDT Proximity
 PP Phazer II SPDT Proximity
 PT Phazer II BRS SPST Proximity
 N8 P&F NJ2 V3 N (Namur)
 N9 P&F NBB3-V3-Z4
 NQ P&F NJ4-12GK-N (Namur)
 NR P&F NJ4-12GM40-E1 (3-Wire NPN NO)
 NS P&F NJ4-12GM40-E2 (3-Wire PNP NO)
 NT P&F NJ4-12GK40-E2 (3-Wire PNP NO)
 NP P&F SJ3.5-N (NAMUR)
 NJ Elector Type IN-2002-ABOA (G=14 only)
 SN 3-Way Pneumatic Valves
 FN DeviceNet Controller Card, 4 in / 2 out, with (2) type P4 switches (N/A with G=19)
 FZ AS-i 2:1 Controller card 2x P4 switches

G= Certificate

14 General Purpose
 18 cCSAus CLi, Div1, Gr.CD / CLII, Div1, Gr.EFG, CLIII. ATEX II 2G, Ex d IIB/Ex tD
 19 ATEX II 2 G EEx d IIB T4-T6, II 2 D Ex tD A21 IP65
 25 IEC Ex approval Ex d IIB T4-T6, II 2 D Ex tD A21 IP65
 26 Inmetro BR Ex d IIB T5
 27 cCSAus IS class I, II, III Div1, Gr.ABCDEFG T5
 28 cCSAus CLi, Div2, Gr. A,BC&D.
 38 Nepsi Exd) +IEC Ex d IIB T5 Gb, Ex tD A21 IP66/67 T100°C"
 M1 Metal plate cCSAus CLi, Div1, Gr.CD / CLII, Div1, Gr.EFG, CLIII.
 M2 Metal plate cCSAus CLi, Div2, Gr. A,BC&D.
 M3 Metal plate ATEX II 2 G EEx d IIB T5

H= Analog Output *

0 None
 T 4-20 mA transmitter (F= 00, M1, MG & N8 only)
 D 180 deg 4-20 mA transmitter (F= 00, M1, MG & N8 only)
 A 0-1k Ohm Pot
 B 0-5k Ohm Pot
 C 0-10k Ohm Pot

I= Wiring options

0 None
 H Heavy Duty Terminal Block (Max 8 contact points)
 R Westinghouse special

J= Minimun extra terminals

2 2 (Standard***)
 4 4 (Optional)
 6 6 (Optional, not possible for all switch options)
 8 8 (Optional, not possible for all switch options)

K= Accessories

0 None
 L Cover bolts lubricated with grease
 N No Silicone
 P 180° pot (for analog options: A, B, C)
 V Viton O-rings

L= Housing/Surface treatment

0 Black Polyester Powdercoat
 E White Epoxy Coated
 W White Epolon II

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32 M1-M2 Deskription canged place LRW Report 1192741 may 12 2015 and
 32 M1-M2 Deskription canged place LRW MASTER BOM UltraSwitch XCL XML R3.002_20150121

Example											
P	N	XCL	U	Z	M1	-	18	-	0	0	2

* Transmitter option available for switch options 00, M1, MG, N8 only, maximum number of switch elements is (2)
 *** Some models have more than (2) open terminal locations open as standard. Consult factory for details.

 No possible combination/option
 Consult Factory