ABB

TECHNICAL DATA SHEET

Pilot devices - XMO series
Miniature operators

T&B EX™

01   02   03

XMO series of miniature devices, ideal for smaller enclosures or densely population control panels required for gas or dust hazards

Certifications / Standards:

c(UL)us

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01 XMOB Push button
02 XMOS LED
03 XMOL Selector switch

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Features & Benefits:
General Features
• The barrels are all ⅜" – 16UNC thread size body
• Help Reduce the size of control enclosure requirements in hazardous environments
• Can be installed in most T&B EX™ standard explosionproof enclosures
• Mount on 1" centers vs. standard operators requiring 2 ½" centers

Two lengths available:
1. Long series accommodates up to 1⁹⁄₁₆" enclosure wall thickness
2. Short series accommodates up to 1³⁄₁₆" enclosure wall thickness

Push Button – XMOB + XMOBS Series
• Optional red or green button
• Solid silver contacts rated 5 amps at 125 VAC, 3 amps at 250 VAC
• Insulation resistance 1000 megohm minimum
• Furnished with contact block having 8" wire leads, other lengths available

Selector Switch– XMOS + XMOSS Series
• Selector switches provided with internal adjustable stop
• Silver contacts rated 150 m.a. at 30 VAC, NEC CL 2 circuit
• Insulation resistance 10,000 megohms minimum
• Furnished with contact block having solder type wire connectors

LED Indicator Light – XMOLx Series (x = color)
• Up to 100,000 hours lamp life
• Standard 12 VDC furnished. Optional 24 VDC, or 12, 24, 120 VAC available
• Black anodized body and lens cap
• One length-accommodates up to 1⁵⁄₁₆" enclosure wall thickness
• Furnished with 8" flexible wire leads, other lengths available

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Conforms to:
XMO Series
• Class I, Division 1 & 2, Groups B, C & D
• Class II, Division 1 & 2, Groups E, F & G
• NEMA 3, 4, 7, 9

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Applications:
• All of these units are space conscious for panel boards or controls that require reduced size operators

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Construction / Materials / Finishes:
• Operators - die cast aluminum alloy cap, button,and knob - black anodized aluminum
• Actuator shaft – stainless steel
• Contactors – silver

Ordering information:

- Push buttons
- Selector switches
- LED Pilot lights

Description	Product selections			
Push button	**Long barrel** **Part no:**	**Short barrel** **Part no:**	**Button color**	**Weight (oz.)**
	XMOB-1	XMOBS-1	SPDT Maintained	1
	XMOB-2	XMOBS-2	SPDT Momentary	1

Notes: Product must be installed in accordance with applicable national and local electrical codes.

Description	Product selections			
Selector switches	**Long barrel** **Part no:**	**Short barrel** **Part no:**	**Contact Configs.**	**Weight (oz.)**
	XMOS-1	XMOSS-1	Single pole, 12 position	1
	XMOS-2	XMOSS-2	Double pole, 5 position	1
	XMOS-3	XMOSS-3	Three pole, 3 position	1

Notes: Product must be installed in accordance with applicable national and local electrical codes.

Description	Product selections		
LED Pilot lights	**Part no:**	**Operator description**	**Weight (oz.)**
	XMOLR	Red indicator light	1
	XMOLA	Amber indicator light	1
	XMOLG	Green indicator light	1

Notes: Product must be installed in accordance with applicable national and local electrical codes.
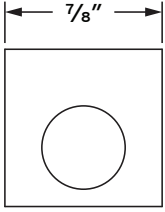
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Ordering information:
• Plug

Description	Product selection	
Close up Plugs	**Part no.**	**Weight (oz.)**
For unused operator openings	XMPP	½

Note: Product must be installed in accordance with applicable national and local electrical codes.

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Legend Features
• All legend plates weigh 1/2 oz.
• Engraving one line only
• Special engraved legend plates can be supplied

Description	Single function legend plates - Product selection					
Legend plate - Configuration	**Engraving**	**Part no:**	**Engraving**	**Part no.**	**Engraving**	**Part no.**
	Blank	XMNP01	Jog	XMNP13	Reverse	XMNP24
	Back	XMNP03	Left	XMNP14	Right	XMNP25
	Close	XMNP04	Low	XMNP15	Run	XMNP26
	Fast	XMNP07	Off	XMNP17	Slow	XMNP28
	Forward	XMNP08	On	XMNP18	Start	XMNP29
	High	XMNP10	Open	XMNP19	Stop	XMNP30
	In	XMNP11	Out	XMNP20	Up	XMNP33
	Inch	XMNP12	Reset	XMNP23		

	Two function legend plates - Product selection					
	Engraving	**Part no:**	**Engraving**	**Part no.**	**Engraving**	**Part no.**
	Blank	XMNP01	Open-Close	XMNP39		
	Fast-Slow	XMNP34	Run-Jog	XMNP41		
	Fwd-Rev	XMNP35	Up-Down	XMNP44		
	Off-On	XMNP38				

Note: Product must be installed in accordance with applicable national and local electrical codes.

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