Product data sheet Characteristics

XB5FW35M5

Illuminated push button, Harmony XB5, antimicrobial, plastic, orange, 30mm, universal LED, 1NO + 1NC, 230...240V AC



Product availability: Stock - Normally stocked in distribution facility

Price*: 119.30 USD



Main

IVIAIII	
Range of Product	Harmony XB5
Product or Component Type	Illuminated push-button
Device short name	XB5F
Bezel material	Dark grey plastic
Fixing collar material	Plastic
Head type	Built-in-flush
Mounting diameter	1.20 ln (30.5 mm)
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	Orange flush, unmarked
Operator additional information	With plain lens
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow-break
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end EN/IEC 60947-1 Screw clamp terminals, 1 x 0.222 x 2.5 mm² without cable end EN/IEC 60947-1
Light source	Universal LED
Bulb base	Integral LED
[Us] rated supply voltage	220240 V AC 50/60 Hz
Cap/operator or lens colour	Orange

Complementary

Height	1.65 ln (42 mm)	
Width	1.44 In (36.6 mm)	
Depth	2.17 In (55 mm)	
Terminals description ISO n°1	(21-22)NC (13-14)NO	
Resistance to high pressure washer	1015.26 Psi (7000000 Pa) 131 °F (55 °C) 0.1 m	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inhered as a substitute for and is not to be used for determining suitability or reliability of these products for specific user application for a product security in the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein. *Prices are indicative

Contacts usage	Standard contacts				
Positive opening	With EN/IEC 60947-5-1 appendix K				
Operating travel	0.06 In (1.5 mm) NC changing electrical state) 0.10 In (2.6 mm) NO changing electrical state) 0.17 In (4.3 mm) total travel)				
Operating force	3.5 N NC changing electrical state 3.8 N				
Mechanical durability	10000000 Cycles				
Tightening torque	7.0810.62 Lbf.In (0.81.2 N.m) EN 60947-1				
Shape of screw head	Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm				
Contacts material	Silver alloy (Ag/Ni)				
Short-circuit protection	10 A cartridge fuse gG EN/IEC 60947-5-1				
[Ith] conventional free air thermal current	10 A EN/IEC 60947-5-1				
[Ui] rated insulation voltage	600 V 3)EN/IEC 60947-1				
[Uimp] rated impulse withstand voltage	6 KV EN/IEC 60947-1				
[le] rated operational current	3 A 240 V, AC-15, A600 EN/IEC 60947-5-1 6 A 120 V, AC-15, A600 EN/IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1 1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1				
Electrical durability	1000000 Cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C				
Electrical reliability	Λ < 10exp(-6) 5 V, 1 mA in clean environment EN/IEC 60947-5-4 Λ < 10exp(-8) 17 V, 5 mA in clean environment EN/IEC 60947-5-4				
Signalling type	Steady				
Supply voltage limits	195264 V AC				
Current Consumption	14 mA				
Service life	100000 H at rated voltage and 25 °C				
Surge withstand	1 KV IEC 61000-4-5				
Device presentation	Complete product				

Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)
Overvoltage category	Class II IEC 60536
IP degree of protection	IP66 IEC 60529 IP67 IP69 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 IEC 50102
Standards	EN/IEC 60947-1 UL 508 JIS C8201-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-1 ISO 22196:2011 ISO 21702
Product Certifications	UL Listed CSA

Vibration resistance	5 gn 2500 Hz)IEC 60068-2-6			
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27			
Resistance to fast transients	2 KV IEC 61000-4-4			
Resistance to electromagnetic fields	9.14 V/M (10 V/m) IEC 61000-4-3			
Resistance to electrostatic discharge	6 KV on contact (on metal parts) IEC 61000-4-2 8 KV in free air (in insulating parts) IEC 61000-4-2			
Electromagnetic emission	Class B IEC 55011			
Ordering and shipping details Category	22467-PUSHBUTTONS,22MM(PLASTIC) NEW			
Category	22467-PUSHBUTTONS,22MM(PLASTIC) NEW			
Discount Schedule	CS2			
Discount Schedule GTIN	CS2 3606481361110			
GTIN	3606481361110			
GTIN Returnability Packing Units	3606481361110			
GTIN Returnability Packing Units Unit Type of Package 1	3606481361110 Yes			
GTIN Returnability Packing Units Unit Type of Package 1 Number of Units in Package 1	3606481361110 Yes PCE			
GTIN Returnability	3606481361110 Yes PCE 1			
GTIN Returnability Packing Units Unit Type of Package 1 Number of Units in Package 1 Package 1 Height	3606481361110 Yes PCE 1 2.10 ln (5.33 cm)			

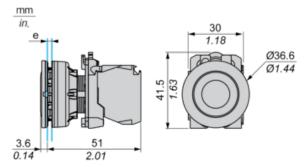
Sustainable offer status	Green Premium product				
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov				
REACh Regulation	☑ REACh Declaration				
REACh free of SVHC	Yes				
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EEU RoHS Declaration				
Mercury free	Yes				
China RoHS Regulation	China RoHS Declaration				
RoHS exemption information	₽¥Yes				
Environmental Disclosure	Product Environmental Profile				
Circularity Profile	☑ End Of Life Information				
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.				



Product data sheet Dimensions Drawings

XB5FW35M5

Dimensions



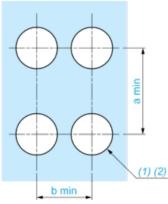
e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

Product data sheet Mounting and Clearance

XB5FW35M5

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

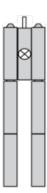
Connection by Screw Clamp Terminals or Plug-in Connectors



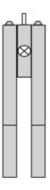
- (1) Diameter on finished panel or support
- (2) Ø30.75 mm recommended (Ø30.5 $_{0}^{+0.5}$) / Ø1.21 in. recommended (Ø1.20 in. $_{0}^{+0.0196}$)

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

Electrical Composition Corresponding to Codes M1 and M7



Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Codes M6 and P2



Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2



Legend

Single contact



Double contact



Light block



Possible location



Product Life Status: Commercialised