# **Product data sheet**

Specification





# red Ø40 Emergency swtiching off push-button Ø22 non trigger - turn release 1NC

XA2ES542

### Main

Range Of Product	Easy Harmony XA2	
Product Or Component Type	ct Or Component Type Complete emergency switching off push-button	
Device Short Name	XA2	
Bezel Material	Plastic	
Mounting Diamete	22.5 mm	

## Complementary

Operating Position	Any position			
Device Mounting	Fixing hole - diameter: 22 mm			
Fixing Center	>= 30 x 40 mm (panel) - thickness: 15 mm			
Shape Of Signaling Unit Head	Round			
Type Of Operator	turn to release			
Reset	Turn to release			
Operator Profile	Red mushroom Ø 40 mm			
Cap/Operator Or Lens Colour Red				
Contacts Type And Composition	1 NC			
Contact Operation	Slow-break			
Positive Opening	With NC contact			
Mechanical Durability	100000 cycles			
Connections - Terminals	Screw clamp terminal, <= 2 x 1.5 mm <sup>2</sup> Screw clamp terminal, <= 1 x 2.5 mm <sup>2</sup> Screw clamp terminal, >= 1 x 0.5 mm <sup>2</sup> Faston terminals, connection size: 6.3 mm			
Tightening Torque	0.8 N.m			
Short-Circuit Protection	10 A gL fuse conforming to IEC 60269-1			
[Ui] Rated Insulation Voltage	600 V conforming to IEC 60947-1			
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to IEC 60947-1			
[le] Rated Operational Current	nt 3 A at 240 V, AC-15, A600 0.27 A at 250 V, DC-13, Q600			
Electrical Durability	500000 cycles, AC-15, 3 A at 230 V, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-4 500000 cycles, DC-13, 0.2 A at 110 V, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-4			
Electrical Reliability	Λ < 10exp(-8) at 24 V			

List Price displayed is VAT EXCLUSIVE.



Height	30 mm	
Width	42 mm	
Depth	74.2 mm	
Net Weight	0.058 kg	
Type Of Operator	Mechanical latching	

# **Environment**

Protective Treatment	TC			
Ambient Air Temperature For Storage	-4070 °C			
Ambient Air Temperature For Operation	-2555 °C			
Overvoltage Category	Class I conforming to IEC 536			
Ip Degree Of Protection	IP65 conforming to IEC 60068-2-27			
Ik Degree Of Protection	IK03			
Standards	IEC 60947-1 GB 14048.1 GB 14048.5 IEC 60947-5-1 IEC 60529			
Product Certifications CCC CE				
Vibration Resistance	10 gn (f= 40500 Hz) conforming to IEC 60068-2-6			
Shock Resistance	70 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27			

# **Packing Units**

_	
Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.000 cm
Package 1 Width	5.000 cm
Package 1 Length	7.000 cm
Package 1 Weight	57.000 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	70
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.305 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	1120
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	76.880 kg



**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

### Well-being performance

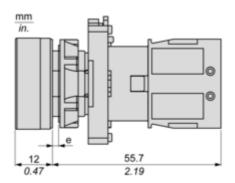
<b>⊘</b>	Reach Free Of Svhc	
<b>9</b>	Toxic Heavy Metal Free	
<b>⊘</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

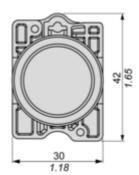
## **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

### **Dimensions Drawings**

#### **Dimensions**



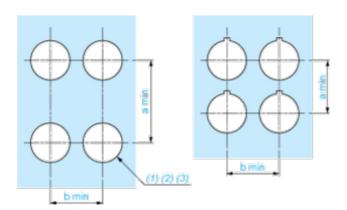


(e) Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

#### Mounting and Clearance

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

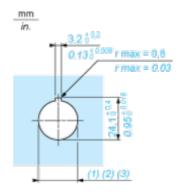
#### **Connection by Screw Clamp Terminals**



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended (Ø22.3  $_0^{+0.4}$ ) / Ø0.89 in. recommended (Ø0.88 in.  $_0^{+0.016}$ )

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals connector	40	1.57	30	1.18
By Faston connectors	45	1.77	32	1.26

#### **Detail of Lug Recess**



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended (Ø22.3  $_0^{+0.4}$ ) / Ø0.89 in. recommended (Ø0.88 in.  $_0^{+0.016}$ )