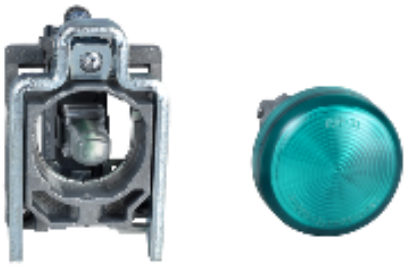
Product data sheet
Characteristics

XB4BVM3EX
Complete pilot light, Harmony XB4 - ATEX D, 22mm, IP65, green, integral LED, 230...240V, lugs



Main

Range of product	Harmony XB4
Product or component type	Complete pilot light
Device short name	XB4
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Head type	Standard
Mounting diameter	22 Mm
Sale per indivisible quantity	1
Dust zone	Zone 21 - 22
Operator additional information	With plain lens

Complementary

Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Device mounting	Fixing hole - diameter: 22.5 mm 22.3 +0.4/0
Fixing center	>= 30 x 40 mm (support panel)
Embedding depth	43 Mm
Marking	Ex tb IIIC
Shape of signaling unit head	Round
Cap/operator or lens colour	Green
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end conforming to IEC 60947-1
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	4 KV conforming to IEC 60947-1
Signalling type	Steady
Light source	Integral LED
Light source colour	Green
[Us] rated supply voltage	230...240 V AC 50/60 Hz
Supply voltage limits	195…264 V AC
Current consumption	14 mA
Service life	100000 H at rated voltage and 25 °C
Surge withstand	1 KV conforming to IEC 61000-4-5

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-20…60 °C
Overvoltage category	I conforming to IEC 60536
IP degree of protection	IP65 conforming to IEC 60529
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK05 conforming to IEC 50102
Standards	IEC 60079-0:2009 EN 60079-31:2009 IEC 61000-6-2 IEC 60079-0:2007 IEC 60079-31:2008
Directives	94/9/EC - ATEX directive
Product certifications	INERIS 04ATEX9004U
Vibration resistance	5 gn (f= 12…500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Resistance to fast transients	2 KV conforming to IEC 61000-4-4
Resistance to electromagnetic fields	10 V/M conforming to IEC 61000-4-3
Resistance to electrostatic discharge	6 KV on contact (on metal parts) conforming to IEC 61000-4-2 8 KV in free air (in insulating parts) conforming to IEC 61000-4-2
Electromagnetic emission	Class B conforming to IEC 55011

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.5 Cm
Package 1 Width	15.0 Cm
Package 1 Length	20.0 Cm
Package 1 Weight	92.0 G
Unit Type of Package 2	S01
Number of Units in Package 2	10
Package 2 Height	15.0 Cm
Package 2 Width	15.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	1.104 Kg

Offer Sustainability

Total lifecycle Carbon footprint	94 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.6753385922330097
Carbon footprint of the manufacturing phase [A1 to A3]	0.7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.01176881067961165
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.016671844660194175
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	93.17875000000001
Carbon footprint of the use phase [B2, B3, B4, B6]	93 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.22408252427184466
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Total lifecycle Carbon footprint	94
Average percentage of recycled plastic content	36 %
Average percentage of recycled metal content	17 %

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	3d14fd98-3859-4733-a5ee-a3016769973c
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, w
Product repair index	A
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised