ZB5AS84W2B

Harmony XB5. Illuminated emergency stop head. plastic. red. Ø22. trigger latching turn to release. red LED. 24 V AC/DC

Green Premium™

Main

Range of product	Harmony XB5
Product or component type	Head for illuminated emergency stop push-button
Device short name	ZB5
Bezel material	Plastic
Head type	Standard
Mounting diameter	22 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	Trigger action and mechanical latching
Reset	Turn to release
Operator profile	Red square 32 mm
Device presentation	Basic element

Complementary

CAD overall width	60 mm
CAD overall height	60 mm
CAD overall depth	40 mm
Net weight	0.063 kg
Electrical insulation class	Class II conforming to IEC 61140
Resistance to electrostatic discharge	4 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
[Us] rated supply voltage	24 V AC/DC at 50...60 Hz
Supply voltage limits	19.2…30 V DC 21.6…26.4 V AC
Mechanical durability	300000 cycles
Electrical composition code	C7 for <4 contacts using single blocks in front mounting C8 for <4 contacts using single and double blocks in front mounting C11 for <3 contacts using single blocks in front mounting C15 for <1 contacts using single blocks in front mounting SF1 for <3 contacts using single blocks in front mounting SR1 for <3 contacts using single blocks in rear mounting C10 for <4 contacts using single and double blocks in front mounting
Light source colour	Red
Product compatibility	ZB5
[Us] rated supply voltage	24 V
[Ui] rated insulation voltage	24 V (pollution degree 3) conforming to EN/IEC 60947-1
Compatibility code	ZB5

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…70 °C
IP degree of protection	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69 conforming to IEC 60529 IP69K conforming to ISO 20653 Type 13 conforming to UL 50E Type 12 conforming to UL 50E Type 4 conforming to UL 50E Type 4X conforming to UL 50E
NEMA degree of protection	NEMA 13 NEMA 4X
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
IK degree of protection	IK05 conforming to IEC 50102
Standards	EN/IEC 60947-5-1 EN/IEC 60947-5-4 UL 508 ISO 21702 ISO 22196:2011
Product certifications	UL listed[RETURN]CSA[RETURN]EAC
Vibration resistance	5 gn (f= 2…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 25 gn (duration = 6 ms) for 1000 shocks on each axis conforming to IEC 60068-2-27

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.500 cm
Package 1 Width	7.000 cm
Package 1 Length	7.000 cm
Package 1 Weight	83.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	60
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	5.464 kg
Unit Type of Package 3	P06
Number of Units in Package 3	480
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	50.712 kg

Offer Sustainability

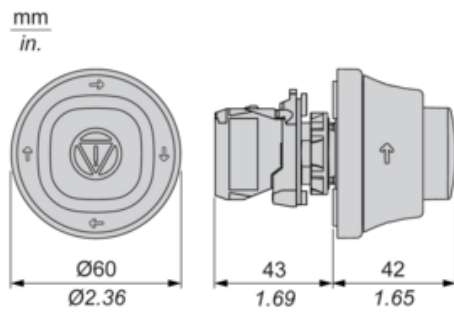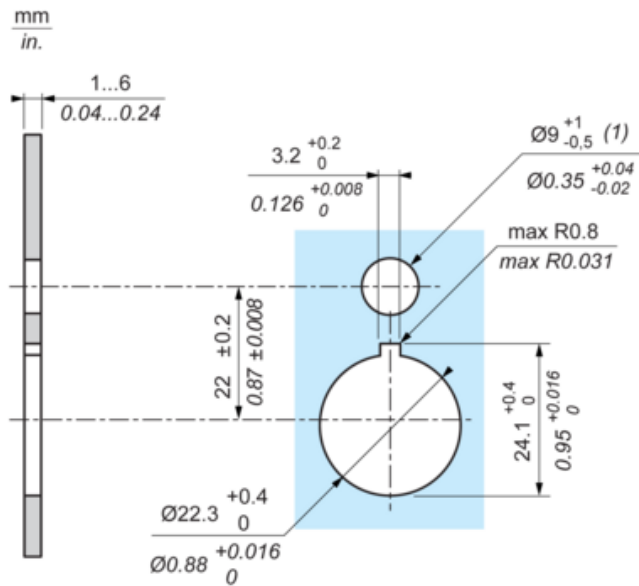|	
Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months

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Dimensions

Mounting and Clearance

$$\frac{mm}{in.}$$

1...6
0.04...0.24

$3.2 \; ^{+0.2}_{0}$

$0.126 \; ^{+0.008}_{0}$

$\varnothing 9 \; ^{+1}_{-0,5} \; (1)$

$\varnothing 0.35 \; ^{+0.04}_{-0.02}$

max R0.8
max R0.031

22 ± 0.2
0.87 ± 0.008

$24.1 \; ^{+0.4}_{0}$
$0.95 \; ^{+0.016}_{0}$
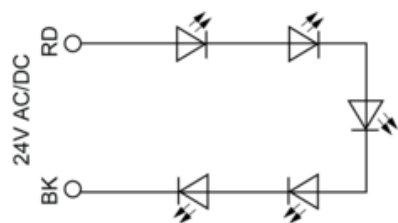
$\varnothing 22.3 \; ^{+0.4}_{0}$

$\varnothing 0.88 \; ^{+0.016}_{0}$

(1) : For IP X9 applications, the max recommendation dimension of hole is Ø9 mm/Ø0.35 in.

Wiring Diagram

RD : Red
BK : Black