Product data sheet
Characteristics

XB5DTB23
Panel mounted timer monofunction, Harmony XB5, plastic, 22mm, time delay 3...60s, 24V DC



Main

Range of product	Harmony XB5
Product or component type	Timer
Sale per indivisible quantity	1

Complementary

Bezel material	Plastic
Fixing collar material	Plastic
Mounting diameter	22 Mm
Thickness	1…6 Mm
Shape of signaling unit head	Round
Time delay range	3...60 s
Time delay type	A
Repeat accuracy	+/- 0.5 %
Setting accuracy of time delay	+/- 10 % of full scale at 25 °C conforming to IEC 61812-1
Temperature drift	+/- 0.05 %/°C
Voltage drift	+/- 0.2 %/V
Protection type	Reverse polarity protection Overvoltage protection
Pollution degree	3 conforming to IEC 60664-1
Output type	Open collector PNP
Temporary permissible current	10 A for 0.01 s
Minimum switching current	10 MA
Maximum voltage drop	3 V
Nominal output current	200 MA at 20 °C(derating 1.5 mA per °C)
Maximum residual current	0.1 MA
Power consumption in W	1 W
Reset time	5 Ms after time delay on de-energisation 7 Ms during time delay on de-energisation
Local signalling	LED green, flashing for timing in progress LED, steady for no timing in progress and output relay energised
[Us] rated supply voltage	24 V DC
Supply voltage limits	16.8…31.2 V DC
Output short-circuit protection	Yes
Connections - terminals	Screw terminals 1 x 4 mm² conforming to IEC 60947-1 Screw terminals 1 x 2.5 mm² conforming to IEC 60947-1
IP degree of protection	IP65 front: conforming to IEC 60529 IP20 back: conforming to IEC 60529
Ambient air temperature for operation	-20…60 °C

Ambient air temperature for storage	-20…80 °C
Tightening torque	0.5 N.M
Dielectric strength	1500 V conforming to IEC 61812-1
[Ui] rated insulation voltage	50 V conforming to IEC 60947-1 50 V conforming to IEC 60664-1
[Uimp] rated impulse withstand voltage	4 KV conforming to IEC 60947-1 4 KV conforming to IEC 60664-1
Surge withstand	1 KV, level 2 conforming to IEC 61000-4-5
Overvoltage category	Class 3 conforming to IEC 60536 Class 3 conforming to IEC 60664-1
Vibration resistance	0.15 mm (f= 10…60 Hz) conforming to IEC 60068-2-6 2 gn (f= 60…150 Hz) conforming to IEC 60068-2-6
Shock resistance	+/- 15 gn for 11 ms (6 shocks on each axis) conforming to IEC 60068-2-27
Resistance to fast transients	2 KV class level 3 conforming to IEC 61000-4-4
Electromagnetic compatibility	Electrostatic discharge 6 kV level 3 conforming to IEC 61000-4-2 Electromagnetic emission class B conforming to IEC 55011
Resistance to electromagnetic fields	10 V/M 80 MHz...1 GHz level 3 conforming to IEC 61000-4-3 3 V/M 1.4...2 GHz level 2 conforming to IEC 61000-4-3 1 V/M 2...2.7 GHz level 1 conforming to IEC 61000-4-3
Immunity to radioelectric fields	10 V level 3 conforming to IEC 61000-4-6
Disturbance radiated/conducted	Class B conforming to EN 50022
Standards	IEC 61812-1 UL 508
Product certifications	UL listed[RETURN]CE
Device presentation	Monolithic product
Height	62 Mm
Width	29 Mm
Depth	29 Mm
Net weight	0.027 Kg
Diameter	29 Mm

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.200 Cm
Package 1 Width	3.200 Cm
Package 1 Length	7.500 Cm
Package 1 Weight	27.000 G
Unit Type of Package 2	S01
Number of Units in Package 2	72
Package 2 Height	15 Cm
Package 2 Width	15 Cm
Package 2 Length	40 Cm
Package 2 Weight	2.195 Kg

Offer Sustainability

Mercury free	Yes
Sustainable packaging	No
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is know
Product repair index	A
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status :	Commercialised