



## Main

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

## Complementary

Bezel material	Plastic
Fixing collar material	Plastic
Mounting diameter	0.87 in (22 mm)
Panel Thickness	0.24 in (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 77 °F (25 °C) EN/IEC 61812-1
Temperature drift	+/- 0.05 %/°C
Voltage drift	+/- 0.2 %/V
Protection type	Reverse polarity protection Overvoltage protection
Output type	Open collector PNP
Temporary permissible current	10 A 0.01 s
Minimum switching current	10 mA
Voltage drop in closed state	3 V
Network type	DC
Residual current in open state	0.1 mA
Maximum 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 timing in progress LED, steady 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	With
Connections - terminals	Screw terminals 1 x 4 mm <sup>2</sup> EN/IEC 60947-1 Screw terminals 1 x 2.5 mm <sup>2</sup> EN/IEC 60947-1
IP degree of protection	Front IP65 IEC 60529 Back IP20 IEC 60529
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-4...176 °F (-20...80 °C)
Tightening torque	4.43 lbf.in (0.5 N.m)

Dielectric strength	1500 V EN/IEC 61812-1
[Ui] rated insulation voltage	50 V EN 60947-1 50 V IEC 60664-1
[Uimp] rated impulse withstand voltage	4 kV EN 60947-1 4 kV IEC 60664-1
Surge withstand	1 kV, level 2 IEC 61000-4-5
Overvoltage category	Class 3 IEC 60536 Class 3 IEC 60664-1
Pollution degree	3
Vibration resistance	0.15 mm 10...60 Hz)IEC 60068-2-6 2 gn 60...150 Hz)IEC 60068-2-6
Shock resistance	+/- 15 gn 11 ms 6 shocks on each axis)IEC 60068-2-27
Resistance to fast transients	2 kV level 3 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	9.14 V/m (10 V/m) 80 MHz...1 GHz level 3 IEC 61000-4-3 2.74 V/m (3 V/m) 1.4...2 GHz level 3 IEC 61000-4-3 0.91 V/m (1 V/m) 2...2.7 GHz level 3 IEC 61000-4-3
Immunity to radioelectric fields	10 V level 3 EN/IEC 61000-4-6
Disturbance radiated/conducted	Class B EN 50022
Standards	EN/IEC 61812-1 UL 508
Product certifications	UL Listed CE
Height	2.44 in (62 mm)
Diameter	1.14 in (29 mm)
Net Weight	0.06 lb(US) (0.027 kg)
Device presentation	Monolithic product

## Ordering and shipping details

Category	00028 - DATA PORTS
Discount Schedule	CS2
GTIN	00785901956983
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	FR

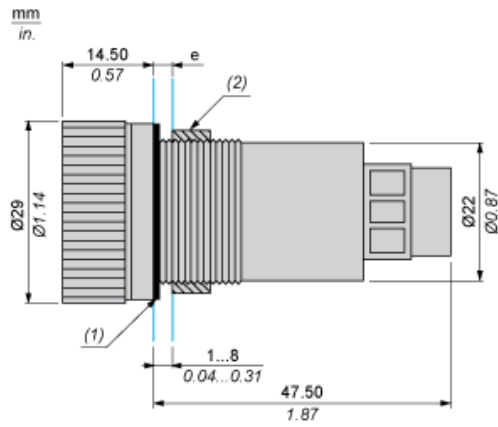
## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.26 in (3.2 cm)
Package 1 width	1.26 in (3.2 cm)
Package 1 Length	2.95 in (7.5 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	72
Package 2 Weight	5.26 lb(US) (2.385 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

## Offer Sustainability

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

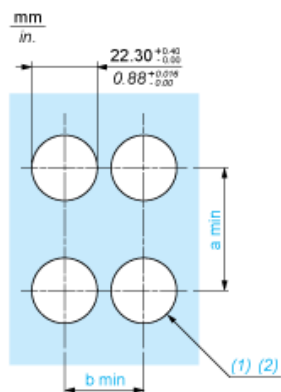
Dimensions



- (e) Clamping thickness: 1 mm to 6 mm / 0.03 in. to 0.24 in.
- (1) Sealing ring
- (2) Screw

Panel Cut-out for Analog Timer (Finished Holes, Ready for Installation)

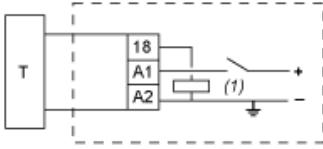
Connection by Screw Clamp Terminals or Plug-in Connectors



- (1) Diameter on finished panel or support  
 (2) Ø22 mm recommended (Ø22.3 0+0.4) / Ø0.89 in. recommended (Ø0.88 in. 0<sup>+0.016</sup>)

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	50	1.97	30	1.18

## Wiring Diagram



T : Timer  
(1) Load  
A1 - Supply (24VDC)  
A2 :

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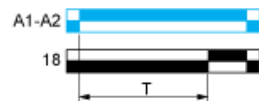
Function A : On Delay Timer





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Description

The timing period T begins on energisation with blinking LED indication. After timing, the output (18) closes and LED goes steady

Function: Output



-  De-energised
-  Energised
-  Output open
-  Output closed
- (18) Timed output
- (A1- Supply
- A2)