



Product availability: Stock - Normally stocked in distribution facility



### Main

Range of product	Harmony XB5
Sale per indivisible quantity	1
Product or component type	Monolithic 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	0.5...10 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	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	5 V
Network type	AC
Residual current in open state	5 mA
Maximum power consumption in W	1 W
Maximum power consumption in VA	1.5 VA
Reset time	30 Ms after time delay on de-energisation 60 ms during time delay on de-energisation
Local signalling	LED green, steady timing in progress LED, stop or suppress no timing in progress and output relay energised
[Us] rated supply voltage	110...230 V AC/DC
Supply voltage limits	93.5...253 V AC/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)

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Dielectric strength	1500 V EN/IEC 61812-1
[Ui] rated insulation voltage	250 V EN 60947-1 250 V IEC 60664-1
[Uimp] rated impulse withstand voltage	4 kV EN 60947-1 4 kV IEC 60664-1
Surge withstand	2 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 IEC 61000-4-2 Electromagnetic emission class B 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	CE UL listed
Height	2.44 in (62 mm)
Diameter	1.14 in (29 mm)
Product weight	0.06 lb(US) (0.027 kg)
Device presentation	Complete product

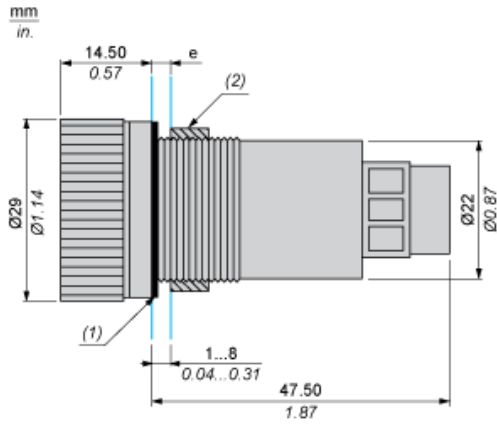
## Ordering and shipping details

Category	00028 - DATA PORTS
Discount Schedule	CS2
GTIN	00785901907022
Package weight(Lbs)	0.03 kg (0.07 lb(US))
Returnability	Yes
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds and Di-isodecyl phthalate (DIDP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU 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.

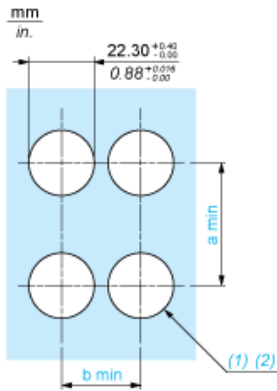
Dimensions



- (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



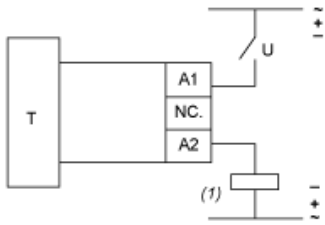
- (1) Diameter on finished panel or support
- (2)  $\varnothing 22 \text{ mm}$  recommended ( $\varnothing 22.3 \text{ 0}+0.4$ ) /  $\varnothing 0.89 \text{ in.}$  recommended ( $\varnothing 0.88 \text{ in. 0}^{+0.016}$ )

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

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Wiring Diagram

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U : Supply (100...240 VAC/DC)  
T : Timer  
(1) Load  
NC : No Connection

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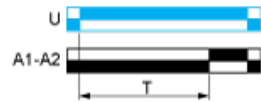
Function A : On Delay Timer





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Description

The timing period T begins on energisation with LED On. After timing, the output (A1-A2) closes and LED Off

Function: Output



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