

Product datasheet

Specifications



hour counter - LCD 8 digit display - internal Li battery

XBKH81000033E

⚠ Discontinued on: 18 Aug 2023

⚠ Discontinued

Main

Range Of Product	Zelio Count
Product Or Component Type	Hour counter
Display Type	LCD
Size	24 x 48 mm
Display Digits	8 digit(s)
Reset	Manual Transistor
Battery Type	Lithium
Technology Type	Electronic

Complementary

Backup Time	7 years
Counting Mode	Adding 1/100 of an hour
Time Range	0...999 999.99 h
Input Function	Enable
Input Type	Transistor NPN <= 0.7 V DC Transistor PNP >= 5 V DC Volt-free contact
Input Voltage	<= +/- 40 V DC
Mounting Mode	Flush-mounted
Mounting Support	Panel mounting
Fixing Mode	By self-locking clamp
Connections - Terminals	Screw terminal block
Supply	Battery
Net Weight	0.05 kg
Character Size	7 mm
Cad Overall Width	48 mm
Cad Overall Height	24 mm
Cad Overall Depth	40 mm

Environment

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Standards	EN/IEC 50081-2 EN 61010 EN/IEC 50082-2
Ip Degree Of Protection	IP54 conforming to EN/IEC 60529
Ambient Air Temperature For Operation	-10...50 °C
Ambient Air Temperature For Storage	-20...60 °C
Vibration Resistance	1 gn (f= 10...150 Hz) conforming to EN/IEC 60068-2-6
Shock Resistance	10 gn for 18 ms conforming to EN/IEC 60068-2-27
Electrical Shock Protection Class	Class II conforming to EN/IEC 60536

Contractual warranty

Warranty	18 months
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Sustainability



Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

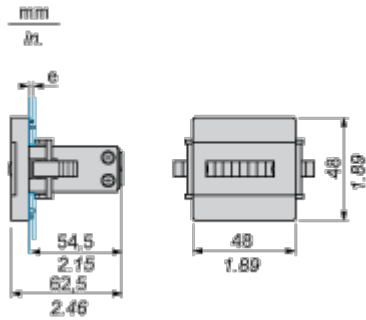
 Mercury Free	
 Rohs Exemption Information	Yes
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

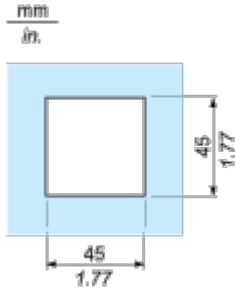
Electromechanical and Electronic Totalizing Timers

Timers with Mechanical Display

XBKH7000000•M

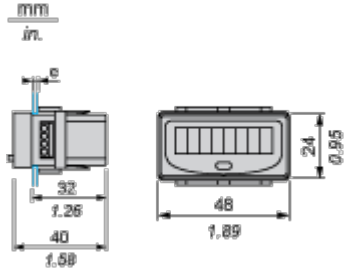


Flush-Mounting

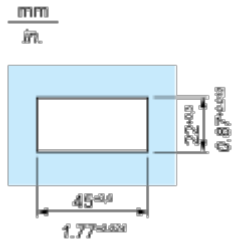


Timers with LCD Display

XBKH81000033E



Flush-Mounting



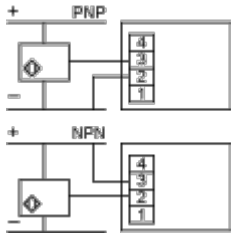
Connections and Schema

Wiring Diagrams of Electronic Totalizing Timers

Lithium Battery Supply

XBKH81000033E

PNP Transistor, NPN Transistor



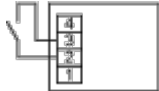
- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

Reset Key Locking Facility



- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

Volt-free Contact



- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset