

Product data sheet

Specifications



junction box for advanced hand-held terminal

XBTZGJBOX

Main

Range of product	Magelis XBTGH
Product or component type	Junction box
Product specific application	For XBTGH advanced hand-held panel

Complementary

[Us] rated supply voltage	24 V DC
Supply voltage limits	19.2...28.8 V
Inrush current	30 A
Power consumption in W	6.3 W
Electrical connection	1 connector 24-pin connector hand-held panel 1 connector RJ45 Ethernet TCP/IP 1 male connector SUB-D 9 RS232C/RS422/RS485 <= 115.2 kbits/s COM1 serial link Screw terminal block 24 inputs/outputs
Port Ethernet	10BASE-T/100BASE-TX
Enclosure material	PPT
Fixing mode	By 4 M4 screws, mounting on 1.5 to 10 mm thick panel Clip-on, mounting on 35 mm symmetrical DIN rail
Marking	CE

Environment

Immunity to microbreaks	10 ms
Standards	FCC Class A EN 61131-2 IEC 61000-6-2 UL 508
Product certifications	cULus C-Tick
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...60 °C
Operating altitude	<= 2000 m
IP degree of protection	IP20 (rear panel) IP65 (front panel)
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	1 gn (f = 9...150 Hz)

	3.5 mm (f = 5...9 Hz)
Relative humidity	0...90 % without condensation or dripping water
Resistance to electrostatic discharge	6 kV conforming to IEC 61000-4-2 level 3
Resistance to electromagnetic fields	10 V/m conforming to IEC 61000-4-3
Resistance to fast transients	2 kV conforming to IEC 61000-4-4 level 3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.3 cm
Package 1 Width	21.6 cm
Package 1 Length	27.5 cm
Package 1 Weight	1.172 kg
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	3.084 kg

Offer Sustainability

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

Contractual warranty

Warranty	18 months
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Recommended replacement(s)