

Product datasheet

Specifications

Illuminated Switch-5 Function keys with multi-color LEDs backlit

Local distributor code:
398059886

HMIZRA1

EAN Code: 3595864167152



Main

Range of product	Harmony HMIZ
Product or component type	Illuminated USB switch
Product compatibility	XBTGC - controller panel XBTGT2... - advanced touch panel HMISTO - touch panel HMISCU - touch panel XBTGT6... - advanced touch panel HMIGTW - advanced touch panel XBTGK - graphic display XBTGT4... - advanced touch panel XBTGT5... - advanced touch panel XBTGT7... - advanced touch panel HMISTU - touch panel HMIGTO - advanced touch panel HMIPSP - S-Panel PC HMIPSO - S-Panel PC HMIBMU - Modular Box PC HMIBMP - Modular Box PC HMIBMO - Modular Box PC HMIBMI - Modular Box PC
Device application	Food and beverage Industrial machines
Provided equipment	1 x user manual 1 x USB type B cable clamp 1 x fixing nut 1 x tightening wrench 1 x anti-rotation tee 1 x gasket 1 x insert label 1 x USB cable type A/B (with 1 m

Complementary

Software designation	Vijeo Designer version >= V6.1 SP2
Connector type	USB type B
Control type	5 push-buttons with multi-colour backlit LED
Colour of cover	Front dark grey cover
[Us] rated supply voltage	5 V DC, connector type: USB 2.0
Supply voltage limits	4.75...5.25 V DC
Power consumption in W	2 W
Shock resistance	147 m/s ² for 3 chocks in each direction X, Y and Z conforming to IEC 61131-2

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

Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 8 kV (air discharge) conforming to IEC 61000-4-2 Electrostatic discharge immunity test - test level: 6 kV (contact discharge) conforming to IEC 61000-4-2 Electrical fast transient/burst immunity test - test level: 2 kV (power ports) conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test - test level: 1 kV (signal ports) conforming to IEC 61000-4-4
Mounting location	Flat surface
Quantity per set	1 piece
Height	54 mm
Width	122 mm
Depth	28 mm
Product weight	0.11 kg

Environment

Ambient air temperature for storage	-20...60 °C
Relative humidity	10...90 % at 0...55 °C non-condensing
Pollution degree	2
Environmental characteristic	Corrosive gas free
Operating altitude	<= 2000 m
Vibration resistance	3.5 mm (f= 5...9 Hz) conforming to IEC 61131-2
IP degree of protection	IP65 (front panel (in enclosure))
NEMA degree of protection	NEMA 4X for indoor installation installation NEMA 13 for enclosed outdoor installation
Standards	CSA C22.2 No 142 UL 508 CSA C22.2 No 213 EN 61000-6-4 ANSI/ISA 12.12.01 EN 61000-6-2 EMC 2004/108/EC
Product certifications	GOST UL/cUL listed C-Tick CE
Level or class	Class I Division 2 Groups A/B/C/D

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.200 cm
Package 1 Width	13.800 cm
Package 1 Length	18.500 cm
Package 1 Weight	307.000 g
Unit Type of Package 2	S04
Number of Units in Package 2	32
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm

Package 2 Length	60.000 cm
Package 2 Weight	10.474 kg

Logistical informations

Country of origin	CN
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Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
F-gas free	Only air and vacuum used for insulation / breaking, no F-gas including SF6
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	6f37dcee-73d1-4d38-80a4-5f6e369ef871
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No

Use Longer

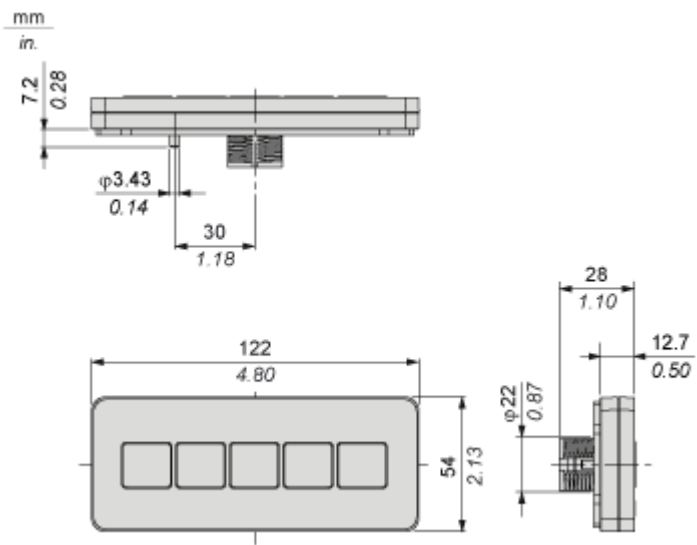
Lifetime extension	
Repair	No

Use Again

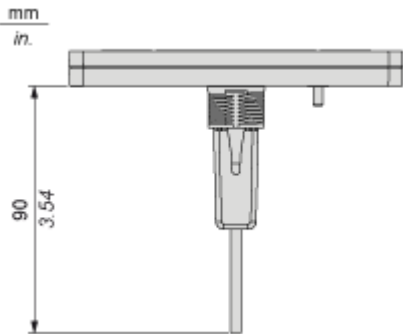
Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

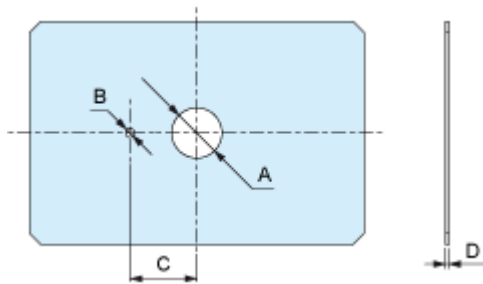


Dimensions with Cable



Mounting and Clearance

Mounting of Panel Cut-Out



Dimensions in mm

A	B	C	D
22.50 _{-0.30}	4 _{-0.20}	30 _{-0.20}	1.5...6

Dimensions in in.

A	B	C	D
0.88 _{-0.01}	0.15 _{-0.007}	1.18 _{-0.007}	0.06...0.23