

Product data sheet

Specifications

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



HMIZRA1

Product availability: Stock - Normally stocked in distribution facility

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 3.3 ft (1 m)

Complementary

Software designation	Vijeo Designer >= V6.1 SP2
Connector Type	USB type B
Control type	5 push-buttons multi-colour backlit LED
Colour of cover	Front dark grey
[Us] rated supply voltage	5 V DC USB 2.0
Supply voltage limits	4.75...5.25 V DC
Power Consumption in W	2 W
Shock resistance	147 m/s²3 chocks in each direction X, Y and Z 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	2.1 in (54 mm)
Width	4.8 in (122 mm)
Depth	1.1 in (28 mm)
Product Weight	0.24 lb(US) (0.11 kg)

Environment

Ambient Air Temperature for Storage	-4...140 °F (-20...60 °C)
Relative humidity	10...90 % 32...131 °F (0...55 °C) non-condensing
Pollution degree	2
Environmental characteristic	Corrosive gas free
Operating altitude	<= 6561.68 ft (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 indoor installation NEMA 13 enclosed outdoor
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

Ordering and shipping details

Category	US10MC222569
Discount Schedule	0MC2
GTIN	3595864167152
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.835 in (7.200 cm)
Package 1 Width	5.433 in (13.800 cm)

Package 1 Length	7.283 in (18.500 cm)
Package weight(Lbs)	10.829 oz (307.000 g)
Unit Type of Package 2	S04
Number of Units in Package 2	32
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	23.091 lb(US) (10.474 kg)

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 usage performance	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
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
Halogen content performance	Product contains halogen above thresholds
PVC free	No
Silicon free	No

Use Longer

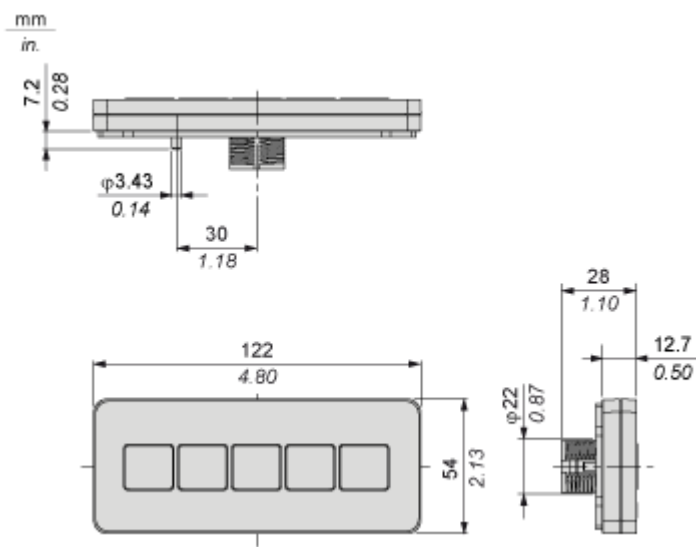
Lifetime extension	
Repair	No

Use Again

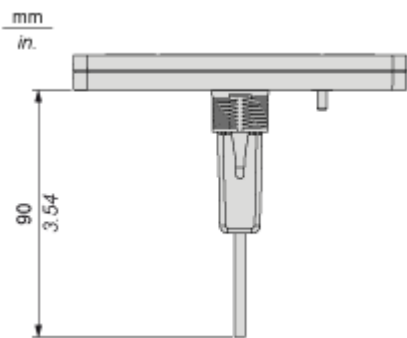
Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Dimensions

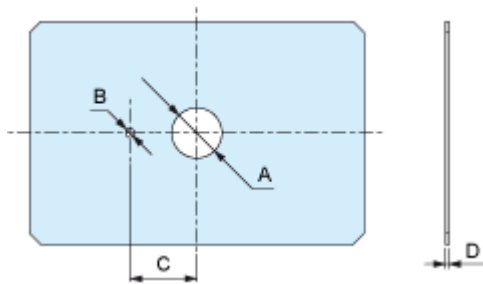


Dimensions with Cable



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