Product data sheet
Characteristics

HMIDT65XFH
EXtreme touchscreen panel, Harmony GTUX, 12 W Display full coated

Main

Range of product	Harmony GTUX
Product or component type	EXtreme touchscreen panel
Terminal type	Touchscreen display

Complementary

Pixel resolution	1280 x 800
Touchscreen resolution	1024 x 1024
[Us] rated supply voltage	12...24 V DC power supply
Supply voltage limits	10.8…28.8 V
Power consumption in W	12.5 W
Display size	12.1 inch
Display type	Colour TFT LCD
Display resolution	1280 x 800 pixels WVGA
Display colour	262144 colors
Luminance	1000 cd/m²
Backlight lifespan	50000 hours
Touch panel	Single touch analogue resistive
Type of installation	Outdoor
Type of cooling	Natural convection
Inrush current	30 A
Environmental characteristic	3C3 UV resistant
Cut-out dimensions	394 (+ 1/- 0) x 250 (+ 1/- 0) mm
Width	308.5 mm
Height	230.5 mm
Depth	68 mm
Net weight	3.2 kg

Environment

IP degree of protection	IP66f IP67f

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

	Front panel: Type 4X
Standards	UL 508 ANSI/ISA 12-12-01 Class I division 2 CSA C22.2 No 213 CSA C22.2 No 142
Product certifications	CULus KC CE RCM
Ambient air temperature for operation	-30…70 °C conforming to EN 61131-2
Ambient air temperature for storage	-30…70 °C
Pollution degree	2
Relative humidity	10…90 % non-condensing
Operating altitude	2000 m
Vibration resistance	7 mm constant amplitude (f = 5…9 Hz) conforming to EN/IEC 61131-2 19.6 m/s² (f = 9…150 Hz) conforming to EN/IEC 61131-2
Shock resistance	392 m/s² conforming to EN/IEC 61131-2
Electromagnetic compatibility	Electrostatic discharge immunity test level 3 conforming to EN/IEC 61000-4-2
Environmental characteristic	3C3 UV resistant