

Product datasheet

Specifications



industrial flat touchscreen display 15" w keyboard- TFT LCD - 100..240 V AC

MPCNB50NAN00N

⚠ Discontinued on: 31 Jul 2015

⚠ End-of-service on: 31 Jul 2019

⚠ Discontinued

Main

Range of product	Harmony iDisplay
Product or component type	Flat screen
Terminal type	Touchscreen display with keyboard
Integrated connection type	USB or RS232C port VGA or DVI-D port

Complementary

Device mounting	Flush
Provided equipment	1 cable 5 m for DVI-D 1 cable 3 m for VGA
[Us] rated supply voltage	100...240 V AC power supply
Network frequency	50/60 Hz
Power consumption in VA	200 VA
Display size	15 inch
Display type	Active matrix colour TFT LCD
Display resolution	1024 x 768 pixels XGA
Display colour	16777216 colors
Luminance	200 cd/m²
Backlight lifespan	50000 hours
Number of alphanumeric keys	70 standard IBM
Number of user function keys	2 x 20
Touch panel	Analogue resistive 35000000 cycles
Type of installation	Indoor installation
Width	483 mm
Height	365 mm
Depth	31 mm
Net weight	7 kg

Environment

Immunity to microbreaks	10 ms
IP degree of protection	Front panel: IP65

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

NEMA degree of protection	NEMA 4X front panel
Standards	UL 508 ANSI/ISA 12-12-01 Class I division 2 CSA C22.2 No 213 IEC 61131-2 UL 1604
Product certifications	cULus
Ambient air temperature for operation	0...50 °C conforming to EN 61131-2, UL
Ambient air temperature for storage	-20...60 °C
Pollution degree	2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	21.0 cm
Package 1 Width	50.0 cm
Package 1 Length	62.0 cm
Package 1 Weight	7.6 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 >](#)

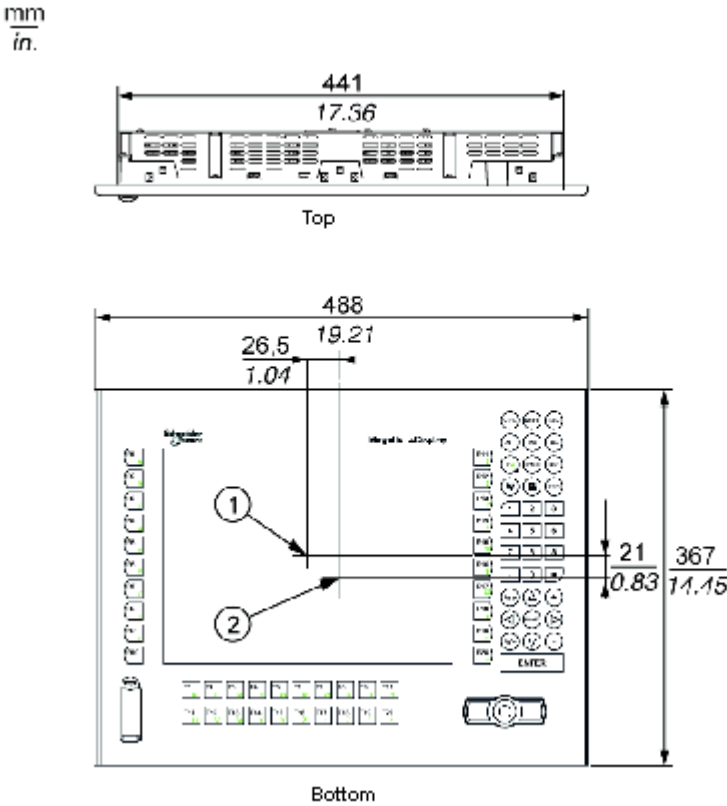
Use Longer

Lifetime extension	
Repair	No

Dimensions Drawings

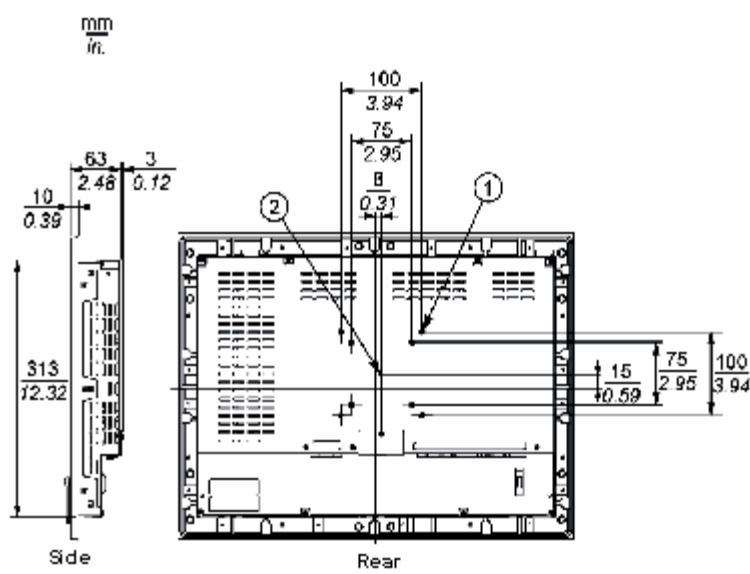
Dimensions

External Top and Front Dimensions



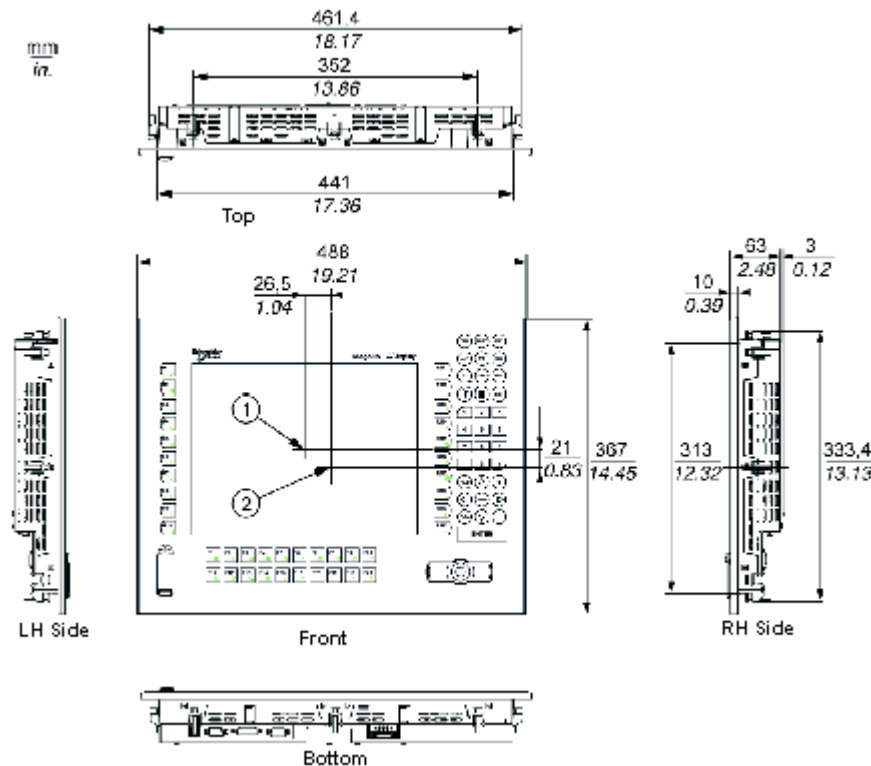
- (1): Center of display area
- (2): Center of unit

External Side and Rear Dimensions



- (1): 8xM4 Effective Screw Depth (7 mm / 0.28 in.)
- (2): Center of VESA

Dimensions with Installation Fasteners

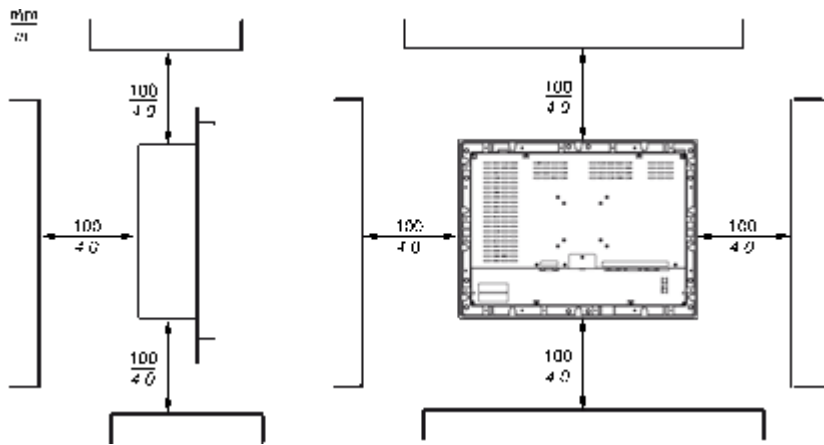


- (1): Center of display area
- (2): Center of unit

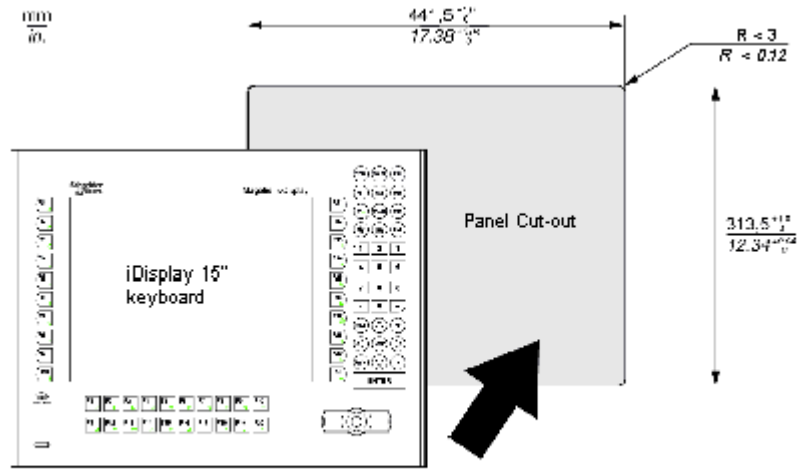
Mounting and Clearance

Cabinet Installation

Space Requirements



Panel Cut-Out



Panel thickness 1.6 to 10 mm / 0.06 to 0.4 in.