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Find the *OMRON NT30C-ST141-E* at our website: ***Click HERE***



Color NT30C screen

FULLY-GRAPHIC 8-COLOR/BICOLOR TOUCH SCREEN PANEL

FEATURES:

- 5.7" diagonal display
- 8-color or bicolor STN LCD touch screen
- Battery-packed real-time clock
- Printer port
- 512 K memory
- Host link/NT link communication
- NEMA 4
- Replaceable backlight
- Black or ivory front bezel

A touch of color. Omron's NT30/30C operator interface terminal gives you the convenience of touch screen control with clear color capabilities. Omron offers two terminal options with easy-to-configure screens: the NT30C, a fully graphic eight-color display; and the NT30 bicolor display, which may be programmed to alternate between a white or a red screen. (This red screen is perfect for instantly alerting you to warnings and quickly identifying problem areas.) And with the high resolution 5.7 inch screen, you're assured of readability even in brightly lit conditions. It's also easy to maintain. The replaceable backlight decreases downtime while increasing display lifetime. Less maintenance on the plant floor saves you time and money.



White NT30 screen



Red NT30 warning screen



Replaceable backlight

SPECIFICATIONS

Display	
Type	Backlit STN LCD
Size	5.7" diagonal
Resolution	320 x 240 pixels
Touch cells	192 per screen
Viewing Angle	Left/Right ±35°
Electrical	
Power required	24 VDC
Power consumed	12 W max.
Environmental	
Operating temp	0-+50°C (+32°-+122°F)
Storage temp	-20-+70°C (-4°-+158°F)
Humidity	35-85% non-condensing
Ratings	NEMA 4
Approvals	UL / CSA / CE
Dimensions	195$_W$x142$_H$x55.6$_{D\ mm}$ 7.68$_W$x5.59$_H$x2.19$_{D\ in}$
Weight	.7 kg (1.54 lbs)
Display Capabilities	
Memory	512 K
Communication	Host Link / NT Link
Real-time clock	Yes
Graphic Capabilities	
Freeform drawing	■
Bitmap	■
Tiling	■
Thumbwheel	■
Numeric keypad	■
History recording	■
Bar graph	■
Text and numeric	■
Custom graphics	■

Right on time.

Omron's high resolution panel with built-in real-time clock and 512 K worth of memory equips you with a powerful control and information resource. The battery-backed real-time clock allows you to maintain a history of errors, alarm messages or production counts — a valuable aid in machine failure analysis. And hard copies of the screen may be printed, even during operation. You can easily display bar charts, broken line graphs and three sizes of thumbwheel switches. The NT30/30C also comes with a unique pop-up window function that makes more efficient use of screen space.



Screen hard copies during operation

Use these space saving pop-up windows to display such items as numeric or character input keys, and help messages. Create eye-catching screens with bitmap images that you can use to graphically display anything from lamps and touch switches to company logos.

Communication connection.

Communication between operation site and PLC is as simple as the touch of a screen. By connecting the NT30/30C with a PLC using the Host Link or NT Link communication method, touch switch status, messages, numeric values, and control information can be sent to and received back from the PLC with changes immediately registered on the LCD display. Fast updates and quick response times are guaranteed. Extend the capabilities of the NT30/30C with our B7A Interface. Connecting Omron's B7A Interface to the terminal gives you up to 32 external I/O points for use with hard-wired alarms and pushbuttons. The B7A saves on wiring expense and extends distance while providing more control and flexibility.



Hard-wire B7A interface

Built to take it.

Slim and sturdy, the NT30/30C can withstand exposure to water and mist. Water resistant to NEMA 4 standards, even without a protective cover, this terminal can be used with food processing machines and machine tools. The NT30/30C also meets UL/CSA/CE requirements.



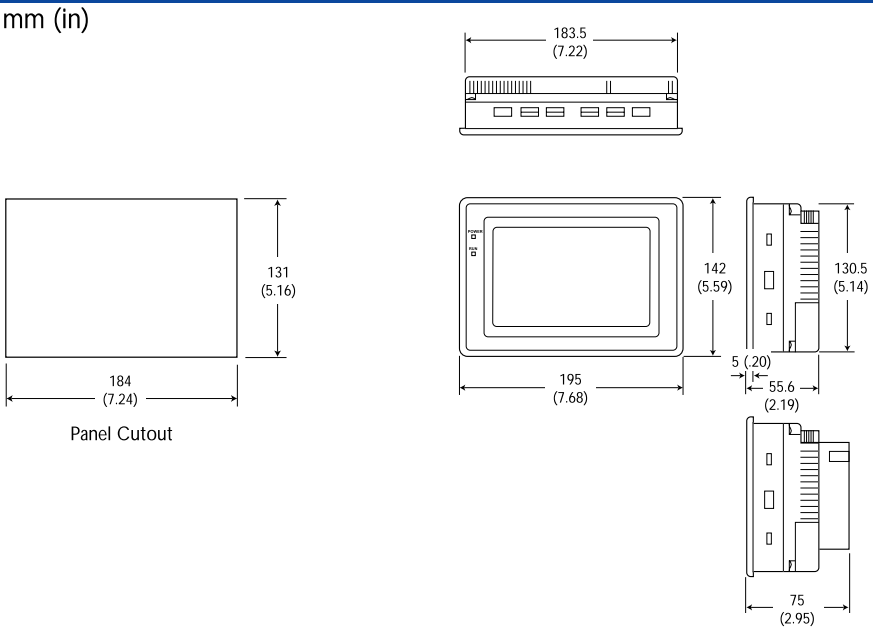
NEMA 4 rating

Screen design in less time.

Quickly create graphics, touch switches, and entire programs with Omron's NT Series Support Tool. Our easy-to-use software provides drawing tools similar to those found in commercial drawing packages. This gives seasoned designers all the options they need to create sophisticated graphics yet it's simple enough even for beginners to use in quick screen creation.

DIMENSIONS

mm (in)



ORDERING INFORMATION

Display	
5.7" Bicolor Backlit LCD Touch Screen - Ivory	NT30-ST131-E
5.7" Bicolor Backlit LCD Touch Screen - Black	NT30-ST131B-E
5.7" 8-color Backlit LCD Touch Screen - Ivory	NT30C-ST141-E
5.7" 8-color Backlit LCD Touch Screen - Black	NT30C-ST141B-E
Software	
NT Series Support Tool for NT11S/NT20/30/600/620	NT-ZJ3AT1-EV1
Programming Cable 9-9 pin	C200H-CN229-EU
Programming Cable 9-25 pin	C200H-CN220-EU
Accessories	
Backlight for NT30	NT30-CFL01
Backlight for NT30C	NT30C-CFL01
B7A Interface Unit In 16(8) / Out 16(8)	NT-B7A16
Chemical Resistant Cover for NT30/30C	NT30-KBA01
Protective Sheet for NT30/30C	NT30-KBA04
Battery	3G2A9-BAT08
RS232/422 Converter	NT-AL001
NT to Printer Cable	NT-CNT121
Cables	
9-9 pin 50cm (1.6 ft) NT-PLC Communication Cable	C200H-CN510-EU
9-9 pin 3m (9.8 ft) NT-PLC Communication Cable	C200H-CN320-EU
9-9 pin 5m (16.4 ft) NT-PLC Communication Cable	C200H-CN520-EU
9-25 pin 50cm (1.6 ft) NT-PLC Communication Cable	C200H-CN519-EU
9-25 pin 3m (9.8 ft) NT-PLC Communication Cable	C200H-CN329-EU
9-25 pin 5m (16.4 ft) NT-PLC Communication Cable	C200H-CN529-EU
Manuals	
NT30/30C Operation Manual	V034-E1-1

Additional Information

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