

QTERM[®]-P40

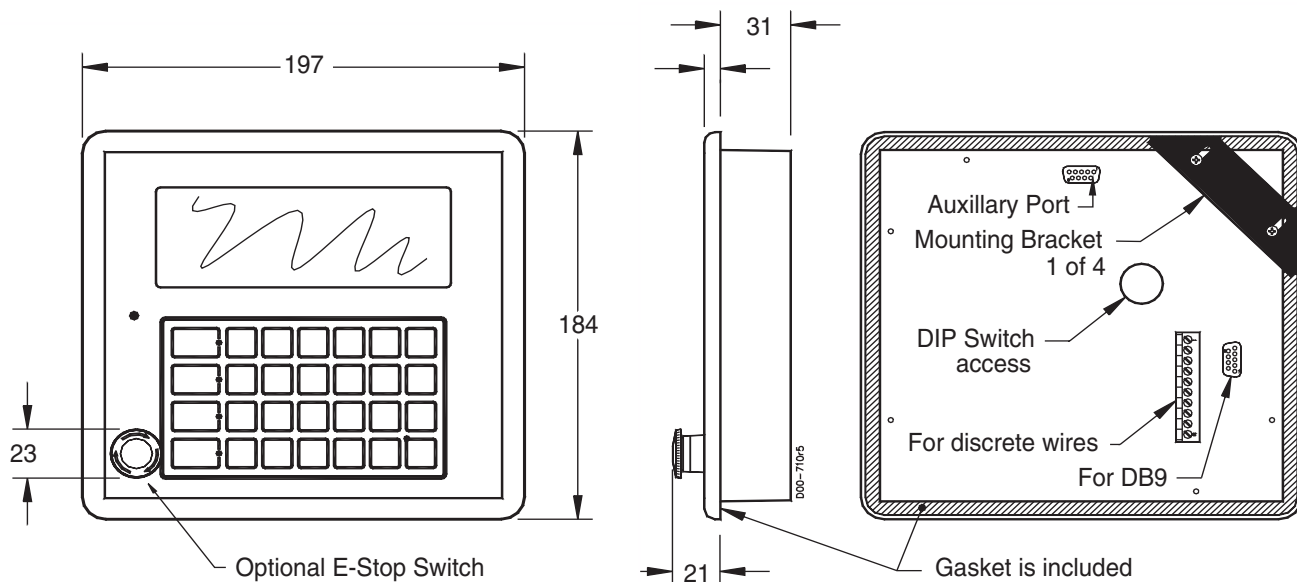
Rugged, Large Character Terminal

QSI The QTERM-P40 is a rugged human machine interface (HMI) terminal featuring a Supertwist, 20x4 large-character LCD display. Built to operate in many environmental conditions, the QTERM-P40 meets NEMA-4 specifications.



Product Highlights

- ▶ Supertwist, large 20x4 large-character, LCD display
- ▶ 24- or 40-key tactile keypad with metal snap domes
- ▶ Optional E-stop switch
- ▶ NEMA-4 rated and CE Certified
- ▶ Customizable logo and keypad



Dimensions shown in mm.

QTERM-P40 Specifications

Feature	Detail	Description
Display	Type	Supertwist LCD
	Characters	20x4 large-character
Keypad	Number of Keys	24-key standard, 40-key optional
	Construction	Steel snap domes in membrane, 4 or 5 programmable LEDs, Power and Shift LEDs
	Options	Electroluminescent lighting, prototype and custom legends available
Interface	Serial	One EIA-232/422/485 or one EIA-422; optional EIA-232
	Connectors	DB9f and terminal strip
Memory		20 Kbytes nonvolatile memory for user data (5 Kbytes with EIA-422m or -485)
Power	Input	4.8 to 5.5 VDC supply without regulator; 7.5 to 24 VDC supply with regulator
	Consumption	27 mA @ 5 VDC (typical), 157 mA @ 5 VDC (max)
Mechanical	Type	Panel-mount
	Size	109 (W) x 201 (H) x 20 (D) mm
	Mass	796 g
	Housing Material	Glass-filled polyester
	Colors	Custom colors are available

Environmental	Sealing - Front Panel	NEMA-4
	Temperature	Operating: -10 to 60 °C; Storage: -40 to 85 °C
	Humidity	0 to 95%, non-condensing
Certifications	CE	EN50082-1:1992, EN55022:1987, EN60950 amendments 1, 2 and 3
	EMC	FCC Part 15, Class A

Software		Communication with ASCII serial. VT52 emulation.
Other		Optional E-stop



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