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TECHNOLOGY GROUP

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Find the *Termiflex / Warner Power OT30* at our website: *Click HERE*

TERMIFLEX®

a Division of Warner Power

OT30
Rugged, Industrial Handheld Terminal



Rugged, Operator Interface

The new compact OT30 handheld terminal with an all new architecture is built to address those complex applications that are required to meet today's challenges. The new OT30, like all Termiflex terminals, is built to withstand rugged use. The OT30 is engineered to withstand repeated drops to hard surfaces, such as concrete and to resist liquid and other contaminants, without sacrificing ergonomic detail. For protection in extremely harsh environments, Termiflex offers a rubber boot, extended temperature components, conformal coating and additional moisture resistance.

Rugged Features Include:

New H8/300H Hitachi CPU with 32-bit architecture

20, 30, 40, or 45-key sealed membrane keypad with tactile and audible response, and optional backlight

42-key elastomeric keypad with tactile and audible response

Lexan® case (chemically resistant, mechanically durable)

Variety of serial communication interfaces, cables, input voltages, and display options available

Built-in power surge protection

Factory Set Options

- White Electroluminescent Backlight Display/Keypad
- Keyboard LED Indicators
- Interface Cable Configuration
- Custom Logo Graphics
- Custom Keypad Graphics
- Custom Serial Number Label
- Custom Optional Label
- Emergency Stop Switch
- Wide Range Power
- VFD 4x20 Display

Extensive Options

- Extended Temperature Operation
- Water Resistance
- EMI/RFI Operation
- Custom Cabling to your Specifications with choice of Vendor Preferred Connectors
- Custom Software and Default Settings

Accessories

- Carrying Case
- Rubber Protective Boot
- Mounting Bracket
- Hanging Clip



COTS Military Options



COTS Military Option w/ E-stop



Custom Keypads

Tel (603)456-4443 Fax (603)456-3754 info@termiflex.com www.termiflex.com

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OT30

Standard & Optional Features

Display
- 4x20 STN LCD ■
- 4x20 VFD ☐
- 8x26 STN LCD ☐
- EL Backlight ☐

Keypad
- 20-key Membrane ☐
- 30-key Membrane ■
- 40-key Membrane ☐
- 42-key Elastomeric ☐
- 45-key Membrane ☐
- EL Backlight (membrane only) ☐

Interface
- RS 232 ■
- RS 422 ☐

Power
- +5 VDC ± 5% ■
- +8 to +28 VDC ☐

Cable/Connector
- Case-Mounted
  - RJ-12 ■
  - DE-9 ☐
  - DA-15 ☐
- Integral Cable (10 ft, 3 m)
  - 6-conductor, coiled ☐
  - 6-conductor, straight ☐
  - 10-conductor, coiled ☐
  - 10-conductor, straight ☐
- Cable Connector
  - DE-9P ☐
  - BD-25 ☐
  - Custom ☐

Environmental
- 32°F to 122°F (0°C to 50°C) ■
- 4°F to 158°F (-20°C to 70°C) ☐
- Moisture Resistance ☐

Other Options
- E-stop Switch ☐
- VFD 4x20 Display ☐

■ Basic Unit
☐ Optional*

*Termiflex provides full customization service for OEM customers.

Specifications are subject to change without notice.

Specifications

CPU New Hitachi H8/300H CPU with 32-bit internal architecture
16-bit general registers
Optimized instruction set designed for speed
On-chip flash memory can be added for user programming

Display (STN LCD technology, dot matrix alphanumeric, 5x7 pixel characters, blue, on a light gray background)

Character Size	4x20; 0.187"H x 0.116"W (4.8mm x 3.0mm) 8x26; 0.120"H x 0.086"W (3.0mm x 2.2mm)
User-Defined Characters	3 (4x20 Display only)
Visual Indicators	Flashing characters
Backlight	White electroluminescent, optional

Keypad (Sealed membrane or elastomeric)

Number of keys	20, 30, 40 or 45 membrane, 42 elastomeric
Programmable Keys	4, up to 16 characters each
Key Legends	Catalog, Blank or Custom
Response	Tactile, Audible, Visual (local echo)
Repeat Rate	None, Slow, Fast, Make-Break
Backlight	White electroluminescent, optional.

Memory
EEPROM storage for Configuration Parameters

Interface (RS 232 or RS 422)

Baud Rate	150 to 19200
Parity	Even, Odd, Space, Mark, None
Word Format	7 or 8 data bits, 1 or 2 stop bits
Connector	Unit-mounted modular 6-pin jack, DE-9P or DA-15P connector
Cable	Optional integral cable up to 20 ft., straight or coiled, 6-conductor (10-conductor with E-stop option), round, shielded, terminating with either stripped-and-tinned ends or a DE-9P (DB-25P with E-Stop option) connector

Mechanical (Lexan® case, gray or black)

Dimensions	6.41" x 4.3" x 1.0" (162.8mm x 107.5 mm x 25.4 mm)
Weight	10 oz (283.5 g)

Environmental

Operating Temperature	32°F to 122°F (0°C to 50°C)
Extended Range Option	-4°F to 158°F (-20°C to 70°C)
Storage Temperature	-22°F to 158°F (-30°C to 80°C)
Humidity	95% noncondensing
Moisture/Dust Resistance	Optional

Agency Compliance
- EN55022
- CENELEC (CISPR 22)
- FCC Class A, Part 15
- ROHS Compliant

Lexan® is a registered trademark of General Electric Corporation.

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