



► Model FT100C-A

Weather Resistant Telephone

FT100C-A Weather Resistant Industrial Telephone is designed for rough-service areas and special communication needs, that ensure high quality communications under extreme working conditions. FT100C-A is designed for moderately harsh indoor/outdoor environments where standard phones are not suitable. Resists moisture, dust and harmful corrosive chemicals.

FEATURES

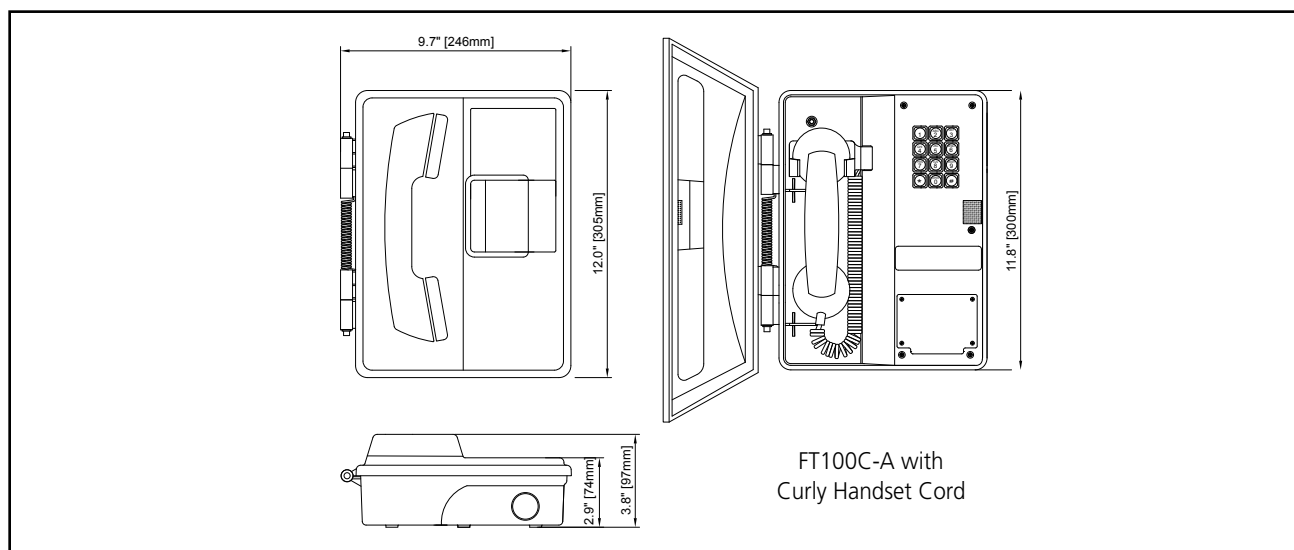
- Teleseal keypad, volume control handset with curly cord
- "Full" duplex voice operation
- Magnetic reed hook switch to reduce parts subject to wear
- Encapsulated circuitry impervious to water condensation and dust
- Hinge turns on nylon bushings to avoid jamming caused by salt or corrosion
- Spring-loaded door for automatic closure
- Surge arrestor to prevent voltage spike damage
- Heavy duty industrial handset
- Volume control to ensure communication in noisy environments
- Electret noise reducing microphone for clear communication
- Temperature range: -76° to +176°F (-60° to +80°C)
- Water proof connections & stainless steel fittings for longer life
- Modular parts for easy service
- Hearing aid compatible
- Electronic ringer for reliability
- Yellow enclosure for high visibility
- Weather, dust & corrosion resistant
- Tone or pulse dialing for universal configuration
- Easily connected to any single line analog CO or PABX telephone line
- Steel powder coated faceplate to eliminate corrosion
- Front access plate for ease of hook-up
- 5 year warranty

APPLICATIONS

These telephones are designed to provide reliable communications in non-hazardous environments subject to moisture, dust and corrosive chemicals such as:

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|-----------------------|------------------------------|-----------------------|
| • Universities | • Public Safety Purposes | • Transit Authorities |
| • Public Access Areas | • Swimming Pools | • Mass Transit |
| • Road Networks | • Business Park | • Remote Locations |
| • Amusement Parks | • Parking Garages | • Mines |
| • Cement Plants | • Plant Entry Gates | • Airports |
| • Secure Access Entry | • Industrial Facilities | • Docksides |
| • Sewage Plants | • Construction Sites | • Warehouses |
| • Greenhouses | • Food Processing Facilities | |

Weather Resistant Telephone (FT100C-A)



SPECIFICATIONS

ELECTRICAL PERFORMANCE

Audio Range Frequency Response	300 - 3400 Hz
Dialing Method	DTMF or 40/60 Pulse @10 PPS
Transmit Objective	
Loudness Rating (TOLR)	Nominal -38 +/- 3 dB
Receiver Volume	
Adjustment	3 Steps Up / 2 Steps Down 8.1dB / 5.1 dB
Receiver Objective	
Loudness Rating (ROLR)	Nominal 50 +/- 3 dB
– receiver volume at maximum	41.9 +/- 3 dB
– receiver volume at minimum	55.4 +/- 3 dB
Side Tone Objective	
Loudness Rating (SOLR)	Nominal 11 +/- 4 dB
– receiver volume at maximum	7 +/- 4 dB
– receiver volume at minimum	14 +/- 4 dB
Ringer Output	Between 75 and 80 dB
FCC Ringer Equivalence	0.8 B
Set Impedance	600 Ohms Nominal
Maximum Loop	15kft (~4,600m) of 22 AWG Wire

ELECTRICAL REQUIREMENTS

Ringer Sensitivity	40 -100 V, 16 - 25 Hz
Line Voltage	24 - 56 VDC
Loop Current	20 - 120 mA
Connection Method	Surge Arrestor

MECHANICAL SPECIFICATIONS

Hook Switch (Cradle Switch) Life	>1,000,000 Operations
Body Construction	GE Valox 357® Engineering Polymer
Faceplate	Corrosion Protected & Powder Coated
Net Weight (including mounting plate)	7.0 lbs (3.2 kg)
Shipping Weight (including mounting plate)	8.0 lbs (3.7 kg)
Shipping Dimensions	
(H x W x D)	15.0" x 5.0" x 11.5" (381 x 127 x 293 mm)
Hand Set Construction	High Impact Polycarbonate
Mounting	Vertical Wall
Microphone	Noise Reducing Electret
Receiver	Hearing Aid Compatible
Hardware Material	Stainless Steel

COMPLIANCE

Industry Canada	1012-6721A
FCC	HQHCAN-22517-TE-E I

SPECIFICATIONS

ENVIRONMENTAL

Weather Proof Enclosure	Type 3R
Temperature:	-76° to +176°F (-60 to +80°C)
Humidity	0 - 95% RH Non-Condensing
Corrosion Resistant	Full Gasket Faceplate

INSTALLATION AND CONNECTABILITY

To provide flexibility and potential for growth, FT100C-A telephones are easily and economically connected to any telephone network by standard wiring and components. Voice quality is unaffected when phones are connected within 15,000 feet (~ 4,600 meters) of a main telephone switch accepting single line telephones. Maintaining safety standards may require use of wiring conduits or other considerations.

HOW TO ORDER

Description

Weather Resistant, Teleseal Keypad,
Volume Control Handset

Part Number

FT100C-A