



► Model FT200C-A

Hazardous Area Telephone

FT200C-A is designed for use in Class I, Division 2 and Class II Division 2 hazardous areas where the atmosphere may be hazardous due to the presence of gases or dust.

FEATURES

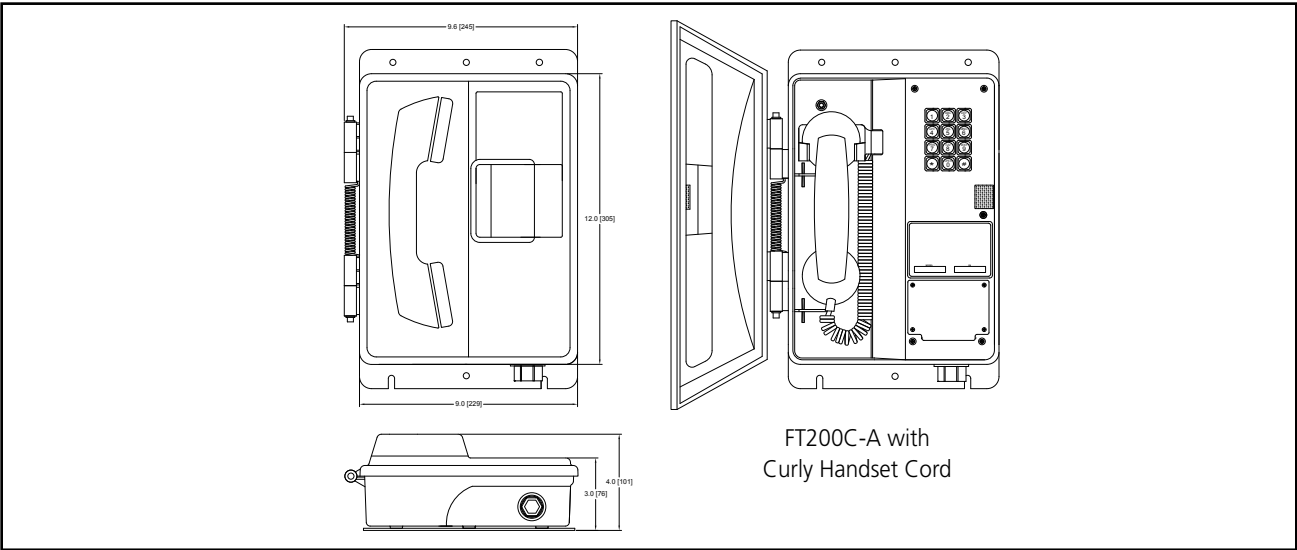
- Magnetic reed hook switch to reduce parts subject to wear
- Encapsulated circuitry impervious to water and particles
- Nylon hinge to prevent jamming caused by salt or corrosion
- Spring-loaded door for automatic closure
- Surge arrestor to prevent voltage spike damage
- Heavy duty industrial handset
- Electret noise reducing microphone for clear communication
- Service temperature range from -40° to +140°F (-40° to +60°C)
- Waterproof connections & stainless steel fittings for longer life
- Compact durable enclosure with mounting plate for easy mounting
- Modular parts for easy service
- Hearing aid compatible
- Bell ringer
- 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
- Powder coated, corrosion protected steel faceplate
- Front access plate for ease of hook-up
- 5 year warranty

APPLICATIONS

The FT200C-A is designed for use in locations where the atmosphere may be hazardous due to the presence of gases, dust, or fibers such as:

- Oil Refineries
- Ammonia & Fertilizer Plants
- Paint & Varnish Manufacturing
- Chemical Plants
- Sewage Treatment Plants
- Pulp & Paper Mills
- Drilling Rigs
- Mines
- Bulk Loading Stations
- Grain Processing Facilities
- Food Processing Facilities

Hazardous Area Telephone (FT200C-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 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
Memory Dial	10 Quick Dial Numbers 20 Digits Each
Flash	600 mSec Timed Disconnect
Mute	Press Key to Mute Transmitter
Ringer Output	Between 75 and 80 dB
FCC Ringer	
Equivalence	0.8A
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
Net Weight	7.0 lbs (3.2 kg)

Shipping Weight	8.0 lbs (3.7 kg)
Shipping Dimensions	(L x W x D) 15.0" x 5.0" x 11.5" (381 x 1127 x 293 mm)
Hand Set Construction	High Impact Polycarbonate
Mounting	Vertical wall
Microphone	Noise Reducing Electret
Receiver	Hearing Aid Compatible
Hardware Material	Stainless Steel
Wiring Access	1/2" NPT Conduit Hub

ENVIRONMENTAL

Weather Proof Enclosure	Type 3R
Temperature	-40° to +140°F (-40° to +60°C)
Humidity	0 - 95% RH Non-Condensing
Dust & Corrosion Resistant	Full Gasket Faceplate

COMPLIANCE

CSA	CSA 158194
	("C") Class I, Div. 2, Groups A, B, C and D; Class II, Div. I and 2, Groups E, F and G
	("US") Class I, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups F and G

HOW TO ORDER

Description	Part Number
Hazardous Area Analog Telephone, Teleseal Keypad, Non Volume Control Handset, Weatherproof Enclosure, Mounting Plate	FT200C-A