FE COMMUNICATION SYSTEM

HETRONIC
CENTRAL BALTIC

TECHNICAL SALES SHEET

Type: FE

- Housing:
  Impact Resistant Polymer Composite
- Environmental Protection:
  IP 65 (Exceeds Nema 12/13)
- Weight:
  1.7 kg (3.8 lbs)
- Dimensions:
  Height: 161 mm (6.3 in)
  Length: 245 mm (9.6 in)
  Depth: 90 mm (3.5 in)
- Antenna:
  External via TNC Connector
- Inputs:
  max 16 digital inputs at 12/24VDC or 48/110/230VAC
- Standard transmitters:
  FE-2 with 4 inputs
  FE-3 with 8 inputs
- Corresponding receiver:
  RX 14-HL with 2 double STOP relays and 14 output relays
  (other receiver available on request)
- **Standard Duplex system:**
  FE-4 with 12 inputs and 14 outputs
  (optionally with 2 double STOP relays)
- Power Supply:
  110/230 VAC (<250 mA Current Draw)
  48 VAC (<400 mA Current Draw)
  12/24 VDC (<800 mA Current Draw)
- Fuse:
  6.3 A 250 V
- Diagnostics:
  External LEDs, Power/operation, TX signal reception,
  E-stop error, TX signal type.
- Frequency:
  434 MHz/869 MHz
- RF Unit:
  Type CS synthesized with multiple frequencies
- Typical Operating Range:
  Up to 100m (300 ft)
- Safety Address:
  20-bit ADMO address scheme with up 1 milion possibilities
  Address Module
- Safety:
  Active and passive Stop function
  Parity and Checksum
  Safety Category SIL 3, PLd
- Temperature Range:
  -25°C ... +70°C (-13°F ... +158°F)
- Humidity Range:
  0 - 97% maximum non-condensing
- Response Time:
  Less than 100 msec.
- Baud Rate:
  Up to 9600 Kbps
- Standard Features:
  Fully programmable via H-Link
  Built-in quick disconnect connector

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