



CCF2DX80 ATEX Enclosure data radio

Mode de protection:

| | |
|-----------------------|------------------|
| Type of protection: | II 2 GD Ex d IIB |
| Class of temperature: | T6-T3 |
| Protection degree: | IP65 |
| Ambient Temp : | -20 / +40°C |
| Zone : | 1-2 |

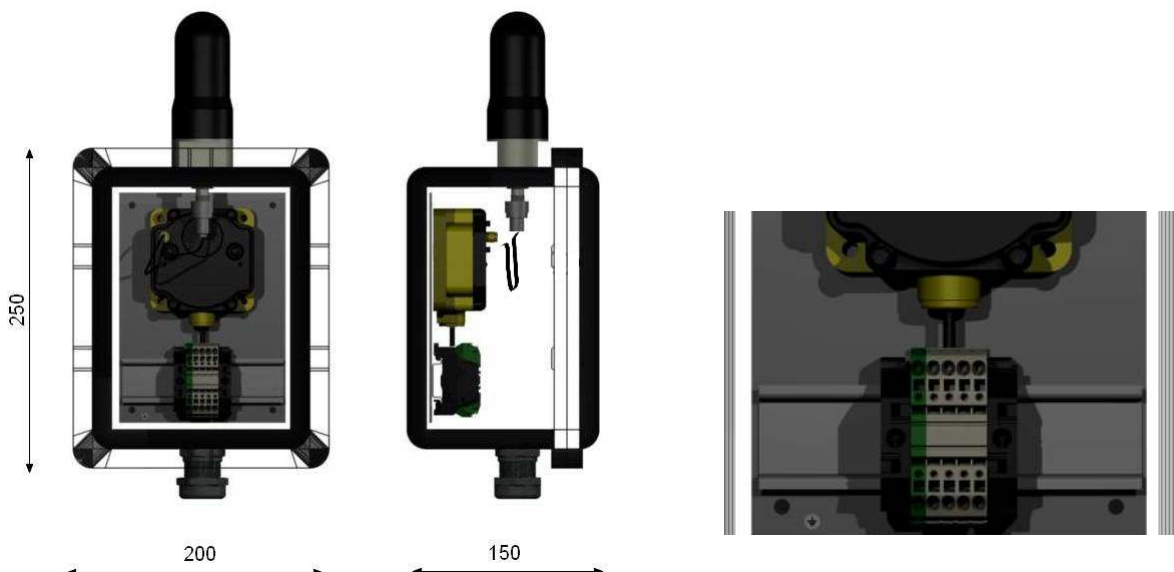


Description:

CCF2DX80 enclosure is used for data transmissions in hazardous area zone 1 gas.

- FlexPower power input options allow for +10 to 24V dc
- Serial communication style (RS232 or RS485) is user selectable
- Built-in site survey mode enables rapid assessment of a location's RF transmission properties by one person; hands-free operation and rapid display updates enable efficient antenna placement optimization
- Fully symmetric, bidirectional transceivers enable two-way communications and receive acknowledgements
- FHSS radios operate and synchronize automatically; no user setup is required; Selectable network IDs reduce interference from collocated networks
- Transparent operation adds little latency to serial data; connects seamlessly to Modbus serial networks as a wire replacement
- Basic configurable parameters (baud rate, power level) are switch selectable; an AT command set allows control of all user-selectable functions through the serial interface

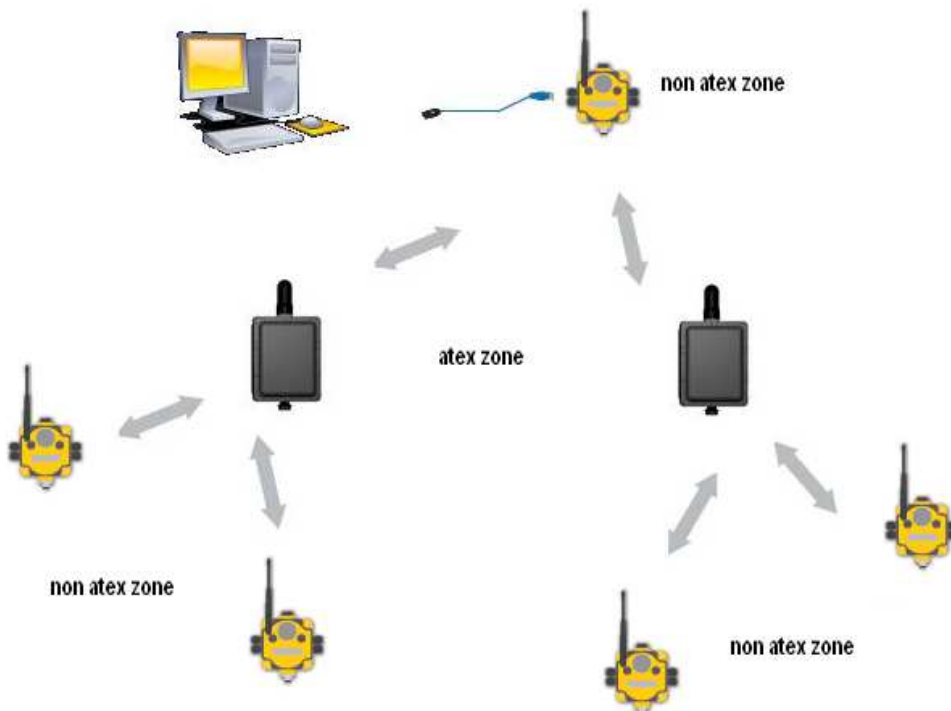
Internal mounting:





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Network installation:



Technicals data:

| | |
|-----------------------------|---|
| Radio | |
| Range | 2.4GHz |
| Transmit power | 2.4GHz: 18 dBm Conducted (≤ 20 dBm EIRP with standard 2 dB antenna) |
| Soread spectrumm technology | FHSS (Frequency Hopping Spread Spectrum) |
| General | |
| Power | +10 to 24V dc, |
| Power consumption | Grey Wire (3.8V): 80mW (low traffic) or 120 mW(high traffic) Brown wire (12V): 200mW (low traffic) or 250 mW (high traffic) For low traffic, a slave device consumes 25% less power than a master device. |
| Compliance | |
| | Models FCC ID UE300DX80-2400: This device complies with FCC Part 15, Subpart C, 15.247 ETSI/EN: In accordance with EN 300 328: V1.7.1 (2006-05) IC: 7044A-DX8024 |
| Operating humidity | 95 % max. relative (non-condensing) |
| Radiated immunity | 10 V/m, 80-2700 MHz (EN61000-6-2) |
| Ambiant Temperature | -20/+40°C |