

Foxboro - Foxboro 200 Series FBM**RH916BT**

FBM211 Auxiliary-Powered Compression Termination Assembly

Verified model data

Manufacturer	Schneider Electric / Foxboro
Part number	RH916BT
Product family	FBM211 termination assemblies
Product type	FBM211 Auxiliary-Powered Compression Termination Assembly
Terminal style	DIN-rail compression terminals
Loop-power method	FBM auxiliary +24 VDC loop power
Loop-power protection	35 mA short-circuit current limit per channel
Compatible module	FBM211
Required termination cable	Type 4, ordered separately
Cable connector	37-pin male D-subminiature
Terminal blocks	Inputs - 2 tiers, 16 positions

Selection summary

Foxboro RH916BT provides the field-terminal interface between an FBM211 input module and sixteen transmitter or supervised-contact circuits.

RH916BT routes the FBM auxiliary +24 VDC supply to field loops and provides individual loop current limiting.

The assembly is passive field-wiring hardware; signal conversion and channel configuration remain in the FBM211, while the Type 4 termination cable is ordered and verified separately.

APTER POWER

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Accepted solid/stranded wire	0.2 to 4 mm ² / 0.2 to 2.5 mm ² ; 24 to 12 AWG
Accepted stranded wire with ferrules	0.2 to 2.5 mm ² , with or without plastic collar
Operating temperature	-20 to 70°C
Construction	Polyamide
TA certification types	1 and 4
RoHS status	Not a RoHS part
TA dimensions	12.7 × 8.0 × 12.5 cm nominal (W × H × D); 7.2 cm height above DIN rail
TA net weight	Approximately 0.272 kg

Loop Power

- Use the FBM auxiliary +24 VDC source only as documented
- Include every connected transmitter in the power budget
- Investigate current limiting before replacing a field transmitter

Compression Wiring

- Prepare conductors for the compression terminal style
- Preserve channel, return and shield assignments
- Torque and strain-relieve wiring according to site practice

Service Checks

- Inspect the Type 4 cable connector and latch
- Measure loop voltage at the TA under real load
- Verify representative channels in both isolation groups

Application checkpoints

- Auxiliary-powered 4–20 mA transmitter termination
- Compact DIN-rail FBM211 field wiring
- Supervised contact circuits using FBM-provided loop power

Evidence boundary: The official FBM211 specification identifies RH916BT, its exact loop-power role, dimensions, compression-terminal construction, Type 4 cable and approximately 0.272 kg TA mass.

Source basis: Schneider Electric Foxboro FBM211 termination assembly specification for RH916BT.