

Product No: 214903

STAHL 9160/23-10-10S TRANSMITTER SUPPLY UNIT EX I FIELD CIRCUIT 214903

FEATURES

- Product Type: Transmitter supply unit Ex i field circuit
- Single-channel operation
- Functions as transmitter supply and repeater mode
- Auxiliary power range: 18 to 31.2 V AC/DC
- Input function includes isolation amplifier and transmitter power unit
- Output functional range from 0.0 to 24.0 mA
- Input accepts 0/4 to 20 mA with HART protocol compatibility
- Output delivers 0/4 to 20 mA, compatible with and without HART protocol



General Information

Brand	STAHL
Product Type	Accessory
Series	9160

Technical Attributes

Analogue Signal - Current (mA)	Input - 0/4 to 20
Application	Ex interface zone - 0, 1, 2, 20, 21, 22
Communication	HART, 0.5 to 10 kHz
Connection Type	Screw Terminal
Maximum Current (A)	0.088
Maximum Nominal Output Voltage DC (V)	30
Maximum Power (mW)	576
Maximum Voltage (V)	27
No. of Channels	2
No. of IO	2
Nominal Output Current (A)	0.024
Nominal Power (W)	2.3

Power Consumption (W)	Auxiliary - 2.3
Power Loss (W)	1.7
Rated Maximum Operational Voltage AC (V)	31.2
Rated Maximum Operational Voltage DC (V)	31.2
Rated Minimum Operational Voltage AC (V)	18
Rated Minimum Operational Voltage DC (V)	18
Rated Operational Current (A)	Auxiliary - 0.1

Physical Attributes

Ambient Temperature Range (°C)	-20 to +70
DIN Rail Width (mm)	35
Enclosure Material	Polyamide
LED Colour	Green - "PWR"
Maximum Temperature (°C)	70
Minimum Temperature (°C)	-20
Mounting Type	DIN Rail

Dimensions

Cable Cross Section (mm ²)	0.2 - 2.5
Dimensions (mm)	35.2W x 114.5H x 108D

Protection & Standards

Certifications	IECEX, ATEX, Fmus, cFM
Degree of Protection	IP30
Standards and Approvals	ATEX/IECeX

Resources

Product catalogue (Flipbook)	Download from here
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