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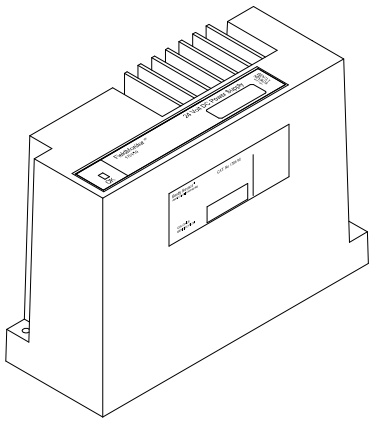
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1701/10 FieldMonitor™ 24-Volt Power Supply

Bently Nevada™ Asset Condition Monitoring



Description

The 1701/10 24-volt dc Power Supply resides in a special slot in 1701/05 or 1701/06 FieldMonitor Terminal Bases. It provides all required logic and transducer voltages to the other FieldMonitor modules.

imagination at work

Specifications

Inputs/Outputs

Specified at ambient temperature of +25°C (+77°F).

Input voltage range:

+ 18 V to + 36 V dc

Inrush current:

30 Amp pk nominal

Fusing:

250 V, 3 Amp, SB

Isolation Voltage:

850 Vdc, primary to chassis, 1 minute

Over voltage protection:

No damage to 50 Vdc

Input conductor size:

14 to 26 AWG

Physical

Dimensions (H X W X D):

105 mm x 150 mm x 56 mm

(4.1 in x 5.9 in x 2.2 in)

Weight:

0.57 kg (1.25 lb.)

Environmental Limits

Operating Temperature:

-20°C to + 70°C (-4°F to +158°F)

Storage Temperature:

-40°C to + 85°C (-40°F to +185°F)

Operating Humidity:

5% to 95% non-condensing relative humidity

Storage Humidity:

5% to 95% non-condensing relative humidity

Ordering Information

1701/10-01 24-Volt Power Supply.

Hazardous Area Approvals

North America

Ex nA IIC T4

Class I, Zone 2

Class I, Div 2

Groups A, B, C, D

T4 @ -30°C = Ta = +70°C

Per drawing # 139255

Certification Number

CSA 1166985

European/ATEX

II 3G EEx nA [L] IIC T4

LCIE 00ATEX6016X

T4 @ -30°C = Ta = +70°C

II 1/3 G EEx nA[ia] ia IIC T4

LCIE 00ATEX6017X

T4 @ -30°C = Ta = +70°C

Brazil

Br-Ex nA [nL] IIC T4

MC, AEX-8304-X

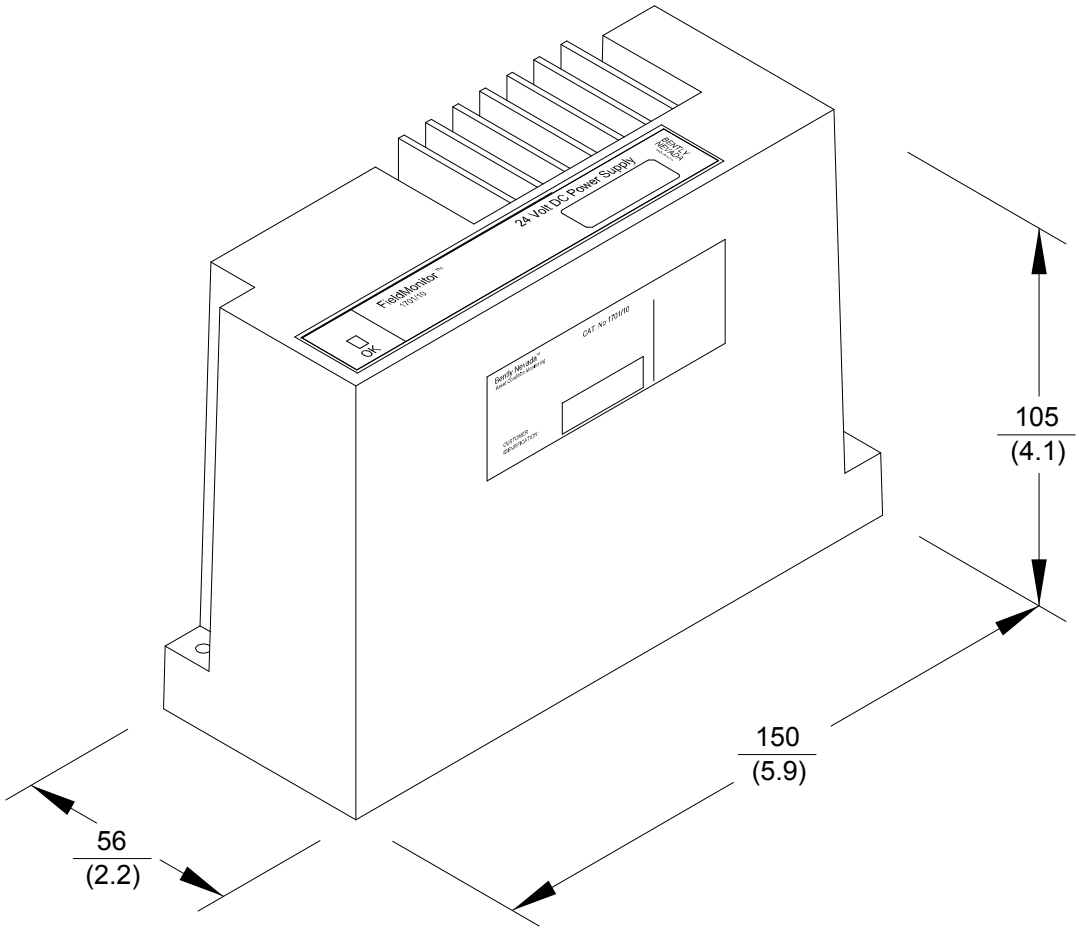
T4 @ -30°C = Ta = +70°C

Accessories

01700025

Spare fuse for 1701/10 24-volt dc Power Supply.

Graphs and Figures



Dimensions are in millimeters (inches)

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