

RTBN RAIL TRANSIENT BARRIER, 130 VDC, 110 VAC UN

CATALOG NUMBER

RTB130N



FEATURES

Surge module easily snaps into place

Mechanical flag will protrude to indicate the module needs to be replaced

Thermal disconnect releases the indicator when the device reaches end-of-life, disconnecting itself from the circuit to prevent it from becoming a short or shunt

Surge module attaches to the base with a latching mechanism that easily locks the device into place, preventing the module from disconnecting during service

Integration of GDT (gas discharge tube) technology and MOV (metal oxide varistors), a combination that delivers consistency and the capability to protect against fast spikes

Screw-less cage clamp terminal allows for easy connection, solid or stranded wires are simply pushed in to lock into place, reducing installation time by as much as 75%

DIN rail grounding connection eliminates the need for extra grounding wires

PRODUCT ATTRIBUTES

Nominal System Voltage (Un): 130 VDC; 110 VAC

Max Continuous Operating Voltage (Uc): 170 VDC; 130 VAC

Max Discharge Current (Imax): 40 kA 8/20 μ s

Rated Load Current (IL): 15 A

Voltage Protection Rating (VPR): 530 V @ 3 kA L-L V; 495 V @ 3 kA L+L-PE V

Loop Resistance: 900 $\mu\Omega$

Mounting: 35 mm top hat DIN rail; G type DIN rail

Protection Modes: L-L; L+L-PE

Status Indication: Mechanical flag; Remote Contacts

Connection, Solid: 18 min

Connection, Stranded: 18 min

Enclosure Material: UL® 94V-0 Thermoplastic

Enclosure Rating: IP 20

Temperature: -40 to 185 °F

Depth: 4.22"

Height: 4.33"

Width: 0.71"

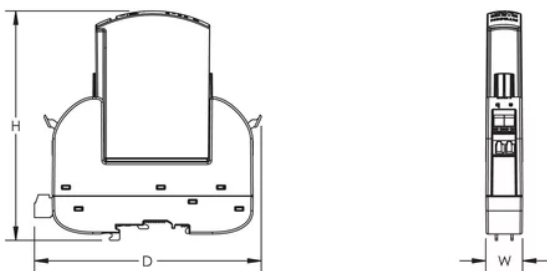
Unit Weight: 0.22 lb

Complies With: AREMA® C&S Manual Parts 11.5.1, 11.3.2, 14.1.2; ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C

Color: Yellow

Replacement Module: RTBN130M

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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