

RU Solar String Transition Box

Power Utilities



Residential Transition Boxes enable installers to transition and/or combine strings to conduit, reducing costs by enabling installers to switch to standard building wire and simplifying connections in the enclosure. It provides a touch-safe and secure means to transition strings. The low profile enclosure is designed to be mounted beneath the array using the optional box bracket accessory or adjacent to the array using racking system accessories.

FEATURES

More reliable than using wire nuts, U-joints, or wire taps

Mountable beneath the PV array

Works with most microinverter brands

Works with string inverters and optimizers.

Twenty year usable outdoor life

Reduces overall cable and wire BOS costs

Simplifies installation and commissioning while reducing labor costs

Terminal Wire Size Range (One Conductor) : (1) #6-#24

Wire Size Range (Two Conductors): (2) #20-#12

For RU-2 and RU-2-LP, (4) 2-Prong Jumpers

RU-2-LPLT available standard without terminal blocks

SPECIFICATIONS

Thickness:	3.3 mm
Color:	Light Gray
Color Code:	RAL 7035
Finish:	Smooth Matte

Table 1/2

Catalog Number	Article Number	Height	Width	Depth	Material	Nominal Voltage
RU-1	RU-1	186 mm	186 mm	125 mm	Fiberglass	600 V
RU-1-LP	RU-1-LP	178 mm	128 mm	78 mm	Polyester	600 V
RU-2	RU-2	236 mm	186 mm	125 mm	Fiberglass	600 V
RU-2-LP	RU-2-LP	178 mm	178 mm	80 mm	Polyester	600 V

Table 2/2

Catalog Number	Article Number	Nominal Voltage Type	Connector Type	Max Current
RU-1	RU-1	AC/DC	Spring Clamp	57 A
RU-1-LP	RU-1-LP	AC/DC	Screw Clamp	57 A
RU-2	RU-2	AC/DC	Screw Clamp	57 A
RU-2-LP	RU-2-LP	AC/DC	Screw Clamp	57 A

ADDITIONAL PRODUCT DETAILS

RU-2-LPLT available standard without terminal blocks

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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