

# Reinforced Compact Busbar Support with Neutral Circuit



## CERTIFICATIONS



## FEATURES

Compact design fits in 400 mm (15 3/4") deep panels

Mechanically reinforced

Includes mounting holes for direct fixing of protection screen

Installs quickly and easily

Halogen free

RoHS compliant

## SPECIFICATIONS

|                                       |                                                                   |
|---------------------------------------|-------------------------------------------------------------------|
| <b>Busbar Width:</b>                  | 50 - 80 mm                                                        |
| <b>Max Working Voltage, IEC (Ui):</b> | 1000;1500                                                         |
| <b>Material:</b>                      | Aluminum;Glass Fibre Reinforced Polyamide                         |
| <b>Complies With:</b>                 | IEC® 60439.1;IEC® 61439.1;IEC® 60695-2-11 (Glow Wire Test 960 °C) |
| <b>Flammability Rating:</b>           | UL® 94V-0                                                         |
| <b>Working Temperature:</b>           | -40 to 130 °C                                                     |

Table 1/2

| Catalog Number | Article Number | Typical Application Current Rating | Busbar Thickness | Busbars per Phase | Width (W)    | A      |
|----------------|----------------|------------------------------------|------------------|-------------------|--------------|--------|
| RCBS1-6TN      | 552050         | 500 - 1200 A                       | 6.35 mm          | 1                 | 338 - 390 mm | 290 mm |
| RCBS1-10TN     | 552070         | 500 - 1600 A                       | 10 mm            | 1                 | 338 - 390 mm | 290 mm |

Table 2/2

| Catalog Number | Article Number | B     | C            | D     | X           |
|----------------|----------------|-------|--------------|-------|-------------|
| RCBS1-6TN      | 552050         | 65 mm | 325 - 377 mm | 65 mm | 6.5 x 23 mm |
| RCBS1-10TN     | 552070         | 65 mm | 325 - 377 mm | 65 mm | 6.5 x 23 mm |

## 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](http://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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