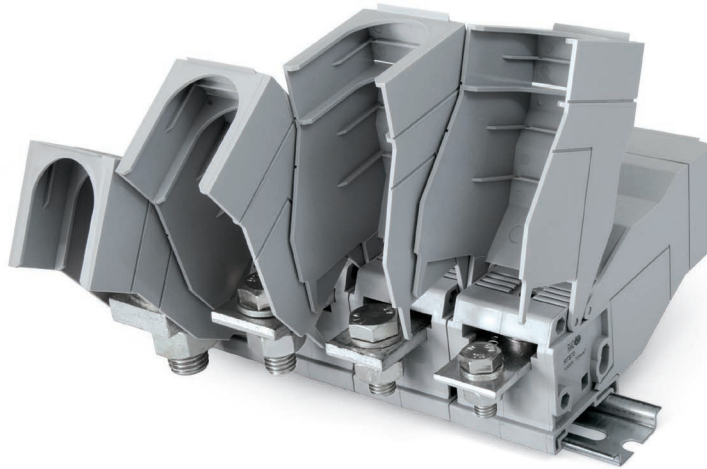
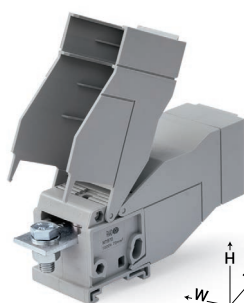


# High current Terminal Blocks



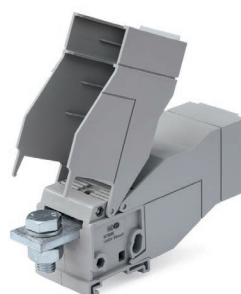
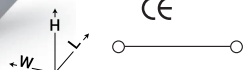
The RT/SH series of high current terminal blocks offer secure connections for all applications which involve a transmission of energy. RT/SH series have following characteristics:

- The connection ranges extended from 70mm<sup>2</sup> to 240mm<sup>2</sup>
- For voltage range up to 1000V and current up to 415A
- Self-extinguishing insulation material with high grade fire resistance
- Supplying special covers to avoid touching live parts
- Can be used with threaded studs M8 to M16, depending on the conductor cross-section
- Mountable on TH35-7.5, 15 rail in accordance with IEC 60715



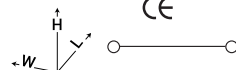
**RT/SH70**  
(RTB70)

CE



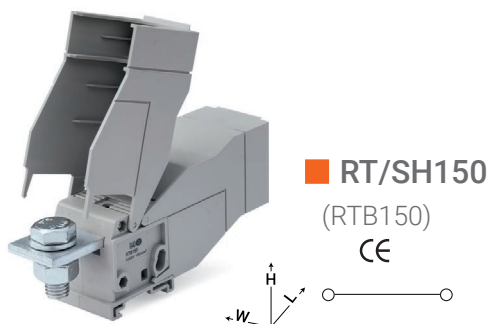
**RT/SH95**  
(RTB95)

CE



| IEC 60947-7-1 rated data                          | RT/SH70 | RT/SH95 |
|---------------------------------------------------|---------|---------|
| Voltage (V)                                       | 1000    | 1000    |
| Impulse voltage (kV)                              | 8       | 8       |
| Pollution degree/ Voltage category/Material group | 3/III/I | 3/III/I |
| Current (A)                                       | 192     | 232     |
| Cross-section (mm <sup>2</sup> )                  | 70      | 95      |

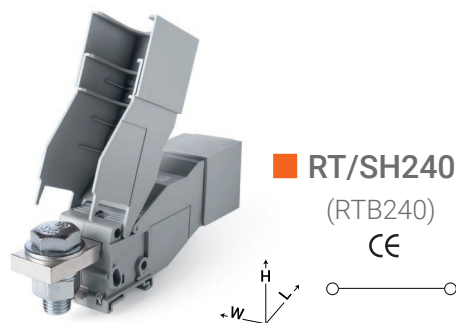
| Description                                                                                                                     | Type                                                                                | Ordering No.                | Qty. | Type                                                                                  | Ordering No.                | Qty. |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------|------|---------------------------------------------------------------------------------------|-----------------------------|------|
| Terminal block, for mounting on TH 35-7.5, 15  | RT/SH70                                                                             | 6010501002                  | 5    | RT/SH95                                                                               | 6010502002                  | 5    |
| End bracket, for TH 35-7.5, 15 width (mm)      | EB/4<br>8                                                                           | 6020101006                  | 50   | EB/4<br>8                                                                             | 6020101006                  | 50   |
|                                                | EB/3<br>10                                                                          | 6020101003                  | 50   | EB/3<br>10                                                                            | 6020101003                  | 50   |
|                                               | EB/2<br>10                                                                          | 6020101002                  | 50   | EB/2<br>10                                                                            | 6020101002                  | 50   |
| Cover                                                                                                                           | RT/SH70                                                                             | 6020803001                  | 10   | RT/SH95                                                                               | 6020803001                  | 10   |
| Marking Tags                                 | NS10                                                                                | For details see Accessories |      | NS10                                                                                  | For details see Accessories |      |
| Marking Holder                               | Marking Holder                                                                      | 6032100001                  | 10   | Marking Holder                                                                        | 6032100001                  | 10   |
| Strip Label                                  | TBSL 22x20                                                                          | For details see Accessories |      | TBSL 22x20                                                                            | For details see Accessories |      |
| Color                                                                                                                           |  |                             |      |  |                             |      |
| <b>Dimensions (mm)</b>                                                                                                          | <b>W / L / H</b>                                                                    |                             |      | <b>W / L / H</b>                                                                      |                             |      |
| Width/Length/Height, TH 35-7.5                                                                                                  | 43/203/69.5                                                                         |                             |      | 43/203/69.5                                                                           |                             |      |
| Width/Length/Height, TH 35-15                                                                                                   | 43/203/77                                                                           |                             |      | 43/203/77                                                                             |                             |      |
| <b>Connection capacity</b>                                                                                                      |                                                                                     |                             |      |                                                                                       |                             |      |
| Cable lugs DIN 46234 (mm <sup>2</sup> )                                                                                         | 2.5-70                                                                              |                             |      | 6-95                                                                                  |                             |      |
| Cable lugs DIN 46235 (mm <sup>2</sup> )                                                                                         | 16-70                                                                               |                             |      | 16-95                                                                                 |                             |      |
| American Wire Gauge DIN 46234 (AWG)                                                                                             | 14-2/0                                                                              |                             |      | 10-3/0                                                                                |                             |      |
| American Wire Gauge DIN 46235 (AWG)                                                                                             | 6-2/0                                                                               |                             |      | 6-3/0                                                                                 |                             |      |
| <b>Clamping screw</b>                                                                                                           | <b>M8</b>                                                                           |                             |      | <b>M10</b>                                                                            |                             |      |
| Hole diameter/Power rail                                                                                                        | 9/25 x 3                                                                            |                             |      | 11/25 x 5                                                                             |                             |      |
| Tightening torque (N.m)                                                                                                         | 15-20                                                                               |                             |      | 25-30                                                                                 |                             |      |
| <b>Insulation material</b>                                                                                                      | <b>PA</b>                                                                           |                             |      | <b>PA</b>                                                                             |                             |      |



RT/SH150

(RTB150)

CE



RT/SH240

(RTB240)

CE

| IEC 60947-7-1 rated data                         | RT/SH150 | RT/SH240 |
|--------------------------------------------------|----------|----------|
| Voltage (V)                                      | 1000     | 1000     |
| Impulse voltage (kV)                             | 8        | 8        |
| Pollution degree/Voltage category/Material group | 3/III/I  | 3/III/I  |
| Current (A)                                      | 309      | 415      |
| Cross-section (mm <sup>2</sup> )                 | 150      | 240      |

| Description                                                                                                                     | Type                                  | Ordering No.                           | Qty.           | Type                                  | Ordering No.                           | Qty.           |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------|----------------|---------------------------------------|----------------------------------------|----------------|
| Terminal block, for mounting on TH 35-7.5, 15  | RT/SH150                              | 6010503001                             | 5              | RT/SH240                              | 6010504001                             | 4              |
| End bracket, for TH 35-7.5, 15 width (mm)      | EB/4<br>8<br>EB/3<br>10<br>EB/2<br>10 | 6020101006<br>6020101003<br>6020101002 | 50<br>50<br>50 | EB/4<br>8<br>EB/3<br>10<br>EB/2<br>10 | 6020101006<br>6020101003<br>6020101002 | 50<br>50<br>50 |
| Cover                                                                                                                           | RT/SH150                              | 6020803001                             | 10             | RT/SH240                              | 6020803001                             | 10             |
| Marking Tags                                 | NS10                                  | For details see Accessories            |                | NS10                                  | For details see Accessories            |                |
| Marking Holder                               | Marking Holder                        | 6032100001                             | 10             | Marking Holder                        | 6032100001                             | 10             |
| Strip Label                                  | TBSL 22x20                            | For details see Accessories            |                | TBSL 22x20                            | For details see Accessories            |                |
| Color                                                                                                                           |                                       |                                        |                |                                       |                                        |                |
| <b>Dimensions (mm)</b>                                                                                                          | <b>W / L / H</b>                      |                                        |                | <b>W / L / H</b>                      |                                        |                |
| Width/Length/Height, TH 35-7.5                                                                                                  | 43/203/69.5                           |                                        |                | 43/253/69.5                           |                                        |                |
| Width/Length/Height, TH 35-15                                                                                                   | 43/253/77                             |                                        |                | 43/253/77                             |                                        |                |
| <b>Connection capacity</b>                                                                                                      |                                       |                                        |                |                                       |                                        |                |
| Cable lugs DIN 46234 (mm <sup>2</sup> )                                                                                         | 10-150                                |                                        |                | 25-240 *                              |                                        |                |
| Cable lugs DIN 46235 (mm <sup>2</sup> )                                                                                         | 25-150                                |                                        |                | 50-185 *                              |                                        |                |
| American Wire Gauge DIN 46234 (AWG)                                                                                             | 8-300 Kcmil                           |                                        |                | 4-500 Kcmil                           |                                        |                |
| American Wire Gauge DIN 46235 (AWG)                                                                                             | 4-300 Kcmil                           |                                        |                | 0-350 Kcmil                           |                                        |                |
| <b>Clamping screw</b>                                                                                                           | <b>M12</b>                            |                                        |                | <b>M16</b>                            |                                        |                |
| Hole diameter/Power rail                                                                                                        | 13/30 x 5                             |                                        |                | 17/29.7 x 9.7                         |                                        |                |
| Tightening torque (N.m)                                                                                                         | 25-30                                 |                                        |                | 30-35                                 |                                        |                |
| <b>Insulation material</b>                                                                                                      | <b>PA</b>                             |                                        |                | <b>PA</b>                             |                                        |                |

\*Cable Lugs for RT/SH 240 should be installed under the current bar.