

## 3VA Molded Case Circuit Breakers

## Trip Settings for 3VA62

ETU320-LI, ETU330-LIG, ETU350-LSI

| Continuous Amperage  | LI, LIG, LSI             |                           |                                        | LSI                                         |                           | LIG                      | LI, LIG, LSI 4P only                  |
|----------------------|--------------------------|---------------------------|----------------------------------------|---------------------------------------------|---------------------------|--------------------------|---------------------------------------|
| I <sub>n</sub> (Amp) | I <sub>r</sub> (Amp) (L) | t <sub>ld</sub> (sec) (L) | I <sub>i</sub> (Amp) (II) <sup>①</sup> | I <sub>sd</sub> = xI <sub>r</sub> (Amp) (S) | t <sub>sd</sub> (sec) (S) | I <sub>g</sub> (Amp) (G) | I <sub>N</sub> =xI <sub>r</sub> (Amp) |
| 100                  | 40 - 100                 | 0.5 - 17                  | 150-1200                               | 1.5 - 10                                    | 0.08 - 0.4                | 20 - 100                 | 0.5 - 1 / OFF                         |
| 250                  | 100 - 250                | 0.5 - 13                  | 375-2500                               | 1.5 - 10                                    |                           | 50 - 250                 | 0.5 - 1 / OFF                         |

① I<sub>j</sub> for ETU350 is fixed at the maximum level shown in table.

ETU550-LSI, ETU556 LSI(A), ETU560-LSIG, ETU820-LI, ETU830-LIG, ETU850-LSI, ETU856 LSI(A), ETU860-LSIG

| Continuous Amperage  | LI, LIG, LSI, LSIG, LSI(G) |                           |                          | LSI, LSIG, LSI(G)         |                           | LIG, LSIG, LSI(G)        |                    | LSI 3P with External CT               | LI, LIG, LSI, LSIG, LSI(G) 4P only |
|----------------------|----------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------|---------------------------------------|------------------------------------|
| I <sub>N</sub> (Amp) | I <sub>r</sub> (Amp) (L)®  | t <sub>id</sub> (sec) (L) | I <sub>i</sub> (Amp) (I) | I <sub>sd</sub> (Amp) (S) | t <sub>sd</sub> (sec) (S) | I <sub>g</sub> (Amp) (G) | t <sub>g</sub> (G) | I <sub>N</sub> =xI <sub>r</sub> (Amp) | I <sub>N</sub> (Amp)               |
| 100                  | 40 - 100                   | 0.5 - 25                  | 150-1200                 | 60 - 1000                 | 0.05 - 0.5                | 20 - 100                 | 0.05 - 0.8         | 20 - 160 / OFF                        | 20 - 160 / OFF                     |
| 250                  | 100 - 250                  | 0.5 - 13                  | 375-2500                 | 150 - 2500                |                           | 50 - 250                 |                    | 50 - 400 / OFF                        | 50 - 250 / OFF                     |

② Adjustable in steps of 1A.

For specific trip settings refer to the Electronic Trip Unit section of the 3VA Systems Manual, which can be found in the document download center at [https://digitalcontentcenter.compas.siemens-info.com/SIE\\_IM\\_3VA6\\_Systems\\_Manual.pdf](https://digitalcontentcenter.compas.siemens-info.com/SIE_IM_3VA6_Systems_Manual.pdf)

| Internal accessories       |                  | 3VA6<br>150/250 A<br>3-pole | 3VA6<br>150/250 A<br>4-pole         |
|----------------------------|------------------|-----------------------------|-------------------------------------|
| Optional equipment         |                  |                             |                                     |
|                            | <b>Slot No.:</b> | 24 23 22 21 11 12 13 14     | 34 33 32 31 24 23 22 21 11 12 13 14 |
| <b>Auxiliary switch</b>    | <b>Type</b>      |                             |                                     |
| Auxiliary switch           | AUX_HQ           | x x x x x x x x             | x x x x x x x x                     |
|                            | AUX_HQ_el        | x x x x x x x x             | x x x x x x x x                     |
|                            | AUX_HP           | x x x x x x x               | x x x x x x x                       |
| Leading changeover switch  | LCS_HQ           |                             |                                     |
|                            | LCS_HQ_el        |                             |                                     |
|                            | LCS_HP           |                             |                                     |
| <b>Alarm switch</b>        | <b>Type</b>      |                             |                                     |
| Trip alarm switch          | TAS_HQ           |                             |                                     |
|                            | TAS_HQ_el        |                             |                                     |
|                            | TAS_HP           |                             |                                     |
| Electrical alarm switch    | EAS_HQ           |                             |                                     |
|                            | EAS_HQ_el        |                             |                                     |
| <b>Auxiliary release</b>   | <b>Type</b>      |                             |                                     |
| Shunt trip flexible        | STF              |                             |                                     |
| Shunt trip left            | STL              |                             |                                     |
| Undervoltage release       | UVR              |                             |                                     |
| Universal release          | UNI              |                             |                                     |
| <b>ETU/communication</b>   | <b>Type</b>      |                             |                                     |
| Communication module       | COM060           |                             |                                     |
| Breaker data server        |                  |                             |                                     |
| 24 V module                |                  |                             |                                     |
| <b>Other</b>               |                  |                             |                                     |
| Cylinder lock (type Ronis) |                  |                             |                                     |

See page 7-81 for internal accessory part numbers.