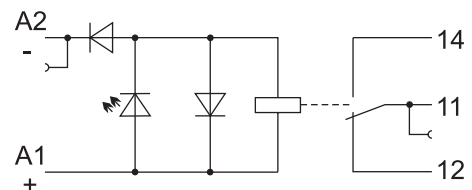
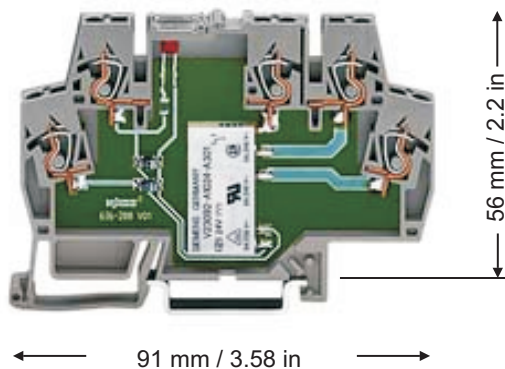


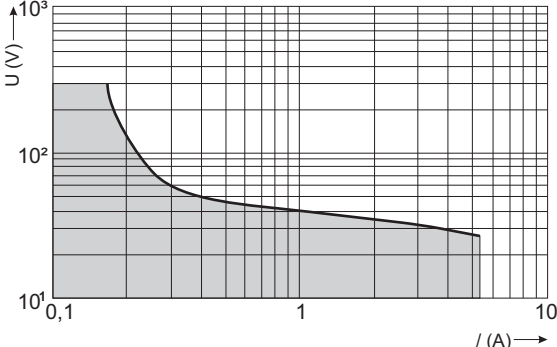
# Electronic Terminal Block with Miniature Switching Relay

1/2

1 changeover contact

Data sheet



| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Item-No.                                                      | Pack.-unit pcs |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|------------------|--------------------|--------------------------------------|--------|---------------------|------------------------------|------------------------------------------------------|-------|------------------------|----------|-------------------------------------------------------|-----|-------------------------------------|------------|-------------|----------------------------------|-----------------|---------------------------------------------------------------|-----------------------|-----------------------|----------------------------------------------------------|------------------------------------------|-----------------|----------|---------------------------------------------|--------------------|----------------------------|-----------------------|-------------------------------------|------|----------------------------------------------------|------|--------------|------|-------------------------------------------------|--|-------------|------------------|-----------------|------------------------------------------|--------------------------|------------------------------------------|----------------------------------------------------|-----------------|-------------------------|-----------------|---------------------|-----------------|
| Switching relay terminal block                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 859-302                                                       | 1              |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| <div><div><ul style="list-style-type: none"><li>Switching relay terminal block with miniature switching relay 1 changeover contact for medium switching powers.</li><li>Safe electrical isolation meets DIN VDE 0140, DIN EN 61140.</li><li>Mounting on DIN 35 rail.</li></ul><div><p>DC-Load limiting value graph</p></div><p><b>Note:</b> Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts !</p></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| <div><div>Technical Data</div><table><tr><td>Contact material</td><td>AgSnO<sub>2</sub></td></tr><tr><td>Input nominal voltage U<sub>N</sub></td><td>DC 5 V</td></tr><tr><td>Input voltage range</td><td>U<sub>N</sub> -20 %...+40 %</td></tr><tr><td>Input nominal current I<sub>N</sub><br/>(coil 20 °C)</td><td>31 mA</td></tr><tr><td>Max. switching voltage</td><td>AC 250 V</td></tr><tr><td>Max. continuous current<br/>(terminal blocks in a row)</td><td>5 A</td></tr><tr><td>Max. switching power<br/>(resistive)</td><td>AC 1250 VA</td></tr><tr><td>(resistive)</td><td>DC see load limiting value graph</td></tr><tr><td>Making capacity</td><td>10 A bei max. 4 s<br/>and 10 % relative cyclic duration factor</td></tr><tr><td>Recommended min. load</td><td>≥ 100 mA / AC/DC 12 V</td></tr><tr><td>Max. number of switching<br/>operations with/without load</td><td>6 min<sup>-1</sup> / 20 s<sup>-1</sup></td></tr><tr><td>Operating power</td><td>&lt; 320 mW</td></tr><tr><td>Pull-in/dropout/bounce time t<sub>vp</sub></td><td>5 ms / 6 ms / 5 ms</td></tr><tr><td>Operation at normal rating</td><td>100 % continuous duty</td></tr><tr><td>Dielectric strength<br/>contact/coil</td><td>4 kV</td></tr><tr><td>Surge voltage strength<br/>contact/coil (1.2/50 μs)</td><td>6 kV</td></tr><tr><td>Open contact</td><td>1 kV</td></tr><tr><td>Nominal voltage acc. to<br/>VDE 0110 Part1/ 4.97</td><td></td></tr><tr><td>IEC 60664-1</td><td>250 V / 4 kV / 3</td></tr><tr><td>Mechanical life</td><td>2 x 10<sup>7</sup> switching operations</td></tr><tr><td>at max. load (resistive)</td><td>3 x 10<sup>5</sup> switching operations</td></tr><tr><td>Ambient operating temperature<br/>at U<sub>N</sub></td><td>-25 °C...+50 °C</td></tr><tr><td>at 1.2 x U<sub>N</sub></td><td>-25 °C...+40 °C</td></tr><tr><td>Storage temperature</td><td>-40 °C...+70 °C</td></tr></table></div> |                                                               |                | Contact material | AgSnO <sub>2</sub> | Input nominal voltage U <sub>N</sub> | DC 5 V | Input voltage range | U <sub>N</sub> -20 %...+40 % | Input nominal current I <sub>N</sub><br>(coil 20 °C) | 31 mA | Max. switching voltage | AC 250 V | Max. continuous current<br>(terminal blocks in a row) | 5 A | Max. switching power<br>(resistive) | AC 1250 VA | (resistive) | DC see load limiting value graph | Making capacity | 10 A bei max. 4 s<br>and 10 % relative cyclic duration factor | Recommended min. load | ≥ 100 mA / AC/DC 12 V | Max. number of switching<br>operations with/without load | 6 min <sup>-1</sup> / 20 s <sup>-1</sup> | Operating power | < 320 mW | Pull-in/dropout/bounce time t <sub>vp</sub> | 5 ms / 6 ms / 5 ms | Operation at normal rating | 100 % continuous duty | Dielectric strength<br>contact/coil | 4 kV | Surge voltage strength<br>contact/coil (1.2/50 μs) | 6 kV | Open contact | 1 kV | Nominal voltage acc. to<br>VDE 0110 Part1/ 4.97 |  | IEC 60664-1 | 250 V / 4 kV / 3 | Mechanical life | 2 x 10 <sup>7</sup> switching operations | at max. load (resistive) | 3 x 10 <sup>5</sup> switching operations | Ambient operating temperature<br>at U <sub>N</sub> | -25 °C...+50 °C | at 1.2 x U <sub>N</sub> | -25 °C...+40 °C | Storage temperature | -40 °C...+70 °C |
| Contact material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | AgSnO <sub>2</sub>                                            |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Input nominal voltage U <sub>N</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DC 5 V                                                        |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Input voltage range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | U <sub>N</sub> -20 %...+40 %                                  |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Input nominal current I <sub>N</sub><br>(coil 20 °C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 31 mA                                                         |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Max. switching voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | AC 250 V                                                      |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Max. continuous current<br>(terminal blocks in a row)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5 A                                                           |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Max. switching power<br>(resistive)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | AC 1250 VA                                                    |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| (resistive)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DC see load limiting value graph                              |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Making capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10 A bei max. 4 s<br>and 10 % relative cyclic duration factor |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Recommended min. load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ≥ 100 mA / AC/DC 12 V                                         |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Max. number of switching<br>operations with/without load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6 min <sup>-1</sup> / 20 s <sup>-1</sup>                      |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Operating power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | < 320 mW                                                      |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Pull-in/dropout/bounce time t <sub>vp</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5 ms / 6 ms / 5 ms                                            |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Operation at normal rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100 % continuous duty                                         |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Dielectric strength<br>contact/coil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4 kV                                                          |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Surge voltage strength<br>contact/coil (1.2/50 μs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6 kV                                                          |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Open contact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 kV                                                          |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Nominal voltage acc. to<br>VDE 0110 Part1/ 4.97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                               |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| IEC 60664-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 250 V / 4 kV / 3                                              |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Mechanical life                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2 x 10 <sup>7</sup> switching operations                      |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| at max. load (resistive)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 x 10 <sup>5</sup> switching operations                      |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Ambient operating temperature<br>at U <sub>N</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -25 °C...+50 °C                                               |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| at 1.2 x U <sub>N</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -25 °C...+40 °C                                               |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |
| Storage temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40 °C...+70 °C                                               |                |                  |                    |                                      |        |                     |                              |                                                      |       |                        |          |                                                       |     |                                     |            |             |                                  |                 |                                                               |                       |                       |                                                          |                                          |                 |          |                                             |                    |                            |                       |                                     |      |                                                    |      |              |      |                                                 |  |             |                  |                 |                                          |                          |                                          |                                                    |                 |                         |                 |                     |                 |

# Electronic Terminal Block with Miniature Switching Relay

2/2

1 changeover contact

**Data sheet**

|  |                            |                                      |       |          |
|--|----------------------------|--------------------------------------|-------|----------|
|  | Terminal block width       | 6 mm / 0.236 in                      |       |          |
|  | Wire connection            | CAGE CLAMP®                          |       |          |
|  |                            | 0.08-2.5 mm <sup>2</sup> / AWG 28-14 |       |          |
|  | Stripped length            | 5-6 mm / 0.22 in                     |       |          |
|  | Standards / prescriptions  | VDE 0435 Part 201, DIN EN 61810-1    |       |          |
|  |                            | VDE 0140, DIN EN 61140               |       |          |
|  | Approvals                  | cUL <sub>us</sub>                    |       |          |
|  |                            | UL508 / CSA22.2                      |       |          |
|  |                            | E175199                              |       |          |
|  |                            | <b>CB scheme</b>                     |       |          |
|  |                            | IEC 60947-1 / IEC 60947-5-1          |       |          |
|  |                            | DEMKO DK-7574                        |       |          |
|  |                            | AC15                                 | 3 A   | AC 250 V |
|  |                            | DC13                                 | 0.5 A | DC 24 V  |
|  | Accessories                |                                      |       |          |
|  | End and intermediate plate | 859-525                              |       |          |
|  | Comb type jumper bar 2-way | 859-402                              |       |          |
|  | 3-way                      | 859-403                              |       |          |
|  | 4-way                      | 859-404                              |       |          |
|  | 5-way                      | 859-405                              |       |          |
|  |                            |                                      |       |          |
|  | 10-way                     | 859-410                              |       |          |
|  | Test pin 1 mm Ø            | 859-500                              |       |          |