

# Relay Socket with Small Switching Relay

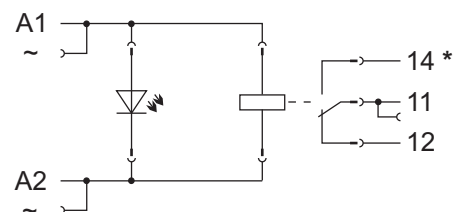
1/2

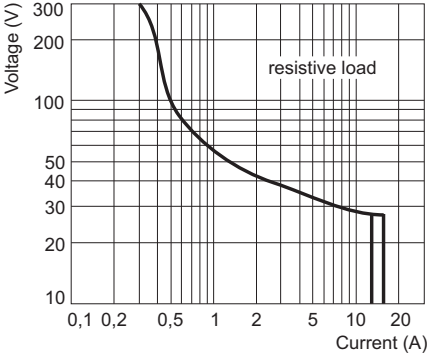
Socket with relay (1 changeover contact) and status indication

**Data sheet**



Similar photo



| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Item-No.                                     | Pack.-unit pcs |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------|------------------|------------|--------------------------------------|---------|---------------------|-----------------------|-----------------------------------------|-------|------------------------|----------|---------------------------------|--|-------------------------|---------------|-------------------------|------|----------------------|--|-------------|------------|-------------|----------------------------------|-------------------------------------------------------|----------------------------------------------|-----------------|---------|---------------------------------------------|--------------------|----------------------------|-----------------------|---------------------|--|--------------|----------------------|--------------|----------------------|-----------------------------------------------|--|-------------|------------------|-----------------|-------------------------------------------|----------------------|-------|------------|------|-------------------------------|-------------------|---------------------|-------------------|--------------------|---------------------------------------|--|-----------------------------------|
| Socket with relay, AC 24 V, 1 changeover contact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 788-506                                      | 1              |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| <div><div><ul style="list-style-type: none"><li>Relay socket for DIN 35 carrier rails.</li><li>Status indication through pluggable LED module (red).</li><li>Insulated, pluggable jumper system suitable for both coil and load side.</li><li>CAGE CLAMP® S connection.<br/>Solid wires, fine-stranded wires with crimped ferrules or ultrasonically bonded wire ends can be inserted directly.</li><li>Quick exchange of the relay and the status indication during maintenance, without having to detach the wiring.</li><li>Safe electrical isolation in accordance with DIN VDE 0140 Part 1.</li></ul><p>DC-Load limiting value graph</p></div><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>AgNi 90/10</td></tr><tr><td>Input nominal voltage U<sub>N</sub></td><td>AC 24 V</td></tr><tr><td>Input voltage range</td><td>U<sub>N</sub> ± 10 %</td></tr><tr><td>Current input at U<sub>N</sub> (20 °C)</td><td>34 mA</td></tr><tr><td>Max. switching voltage</td><td>AC 250 V</td></tr><tr><td>Max. making current (resistive)</td><td></td></tr><tr><td>at 10 % continuous duty</td><td>4 s (AC) 30 A</td></tr><tr><td>Max. continuous current</td><td>16 A</td></tr><tr><td>Max. switching power</td><td></td></tr><tr><td>(resistive)</td><td>AC 4000 VA</td></tr><tr><td>(resistive)</td><td>DC see load limiting value graph</td></tr><tr><td>Max. number of switching operations with/without load</td><td>6 min<sup>-1</sup> / 1200 min<sup>-1</sup></td></tr><tr><td>Operating power</td><td>0.75 VA</td></tr><tr><td>Pull-in/dropout/bounce time<sub>typ.</sub></td><td>7 ms / 3 ms / 3 ms</td></tr><tr><td>Operation at normal rating</td><td>100 % continuous duty</td></tr><tr><td>Dielectric strength</td><td></td></tr><tr><td>contact/coil</td><td>5 kV<sub>rms.</sub></td></tr><tr><td>open contact</td><td>1 kV<sub>rms.</sub></td></tr><tr><td>Nominal voltage acc. to 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>10 x 10<sup>6</sup> switching operations</td></tr><tr><td>Degree of protection</td><td>IP 20</td></tr><tr><td>Relay type</td><td>RT 1</td></tr><tr><td>Ambient operating temperature</td><td>-25 °C ... +50 °C</td></tr><tr><td>Storage temperature</td><td>-40 °C ... +70 °C</td></tr><tr><td>Dimensions (WxHxD)</td><td>(15x53**x86) mm / (0.59x2.09x3.39) in</td></tr><tr><td></td><td>** from upper edge of DIN 35 rail</td></tr></table><p>The terminals 11-11, 12-12 and 14-14 are bridged only when the Relay is inserted into the socket.</p></div> |                                              |                | Contact material | AgNi 90/10 | Input nominal voltage U <sub>N</sub> | AC 24 V | Input voltage range | U <sub>N</sub> ± 10 % | Current input at U <sub>N</sub> (20 °C) | 34 mA | Max. switching voltage | AC 250 V | Max. making current (resistive) |  | at 10 % continuous duty | 4 s (AC) 30 A | Max. continuous current | 16 A | Max. switching power |  | (resistive) | AC 4000 VA | (resistive) | DC see load limiting value graph | Max. number of switching operations with/without load | 6 min <sup>-1</sup> / 1200 min <sup>-1</sup> | Operating power | 0.75 VA | Pull-in/dropout/bounce time <sub>typ.</sub> | 7 ms / 3 ms / 3 ms | Operation at normal rating | 100 % continuous duty | Dielectric strength |  | contact/coil | 5 kV <sub>rms.</sub> | open contact | 1 kV <sub>rms.</sub> | Nominal voltage acc. to VDE 0110 Part1 / 4.97 |  | IEC 60664-1 | 250 V / 4 kV / 3 | Mechanical life | 10 x 10 <sup>6</sup> switching operations | Degree of protection | IP 20 | Relay type | RT 1 | Ambient operating temperature | -25 °C ... +50 °C | Storage temperature | -40 °C ... +70 °C | Dimensions (WxHxD) | (15x53**x86) mm / (0.59x2.09x3.39) in |  | ** from upper edge of DIN 35 rail |
| Contact material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | AgNi 90/10                                   |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Input nominal voltage U <sub>N</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | AC 24 V                                      |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Input voltage range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | U <sub>N</sub> ± 10 %                        |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Current input at U <sub>N</sub> (20 °C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 34 mA                                        |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Max. switching voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | AC 250 V                                     |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Max. making current (resistive)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| at 10 % continuous duty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4 s (AC) 30 A                                |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Max. continuous current                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16 A                                         |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Max. switching power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| (resistive)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AC 4000 VA                                   |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| (resistive)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DC see load limiting value graph             |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Max. number of switching operations with/without load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6 min <sup>-1</sup> / 1200 min <sup>-1</sup> |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Operating power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.75 VA                                      |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Pull-in/dropout/bounce time <sub>typ.</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7 ms / 3 ms / 3 ms                           |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Operation at normal rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100 % continuous duty                        |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Dielectric strength                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                              |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| contact/coil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5 kV <sub>rms.</sub>                         |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| open contact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 kV <sub>rms.</sub>                         |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Nominal voltage acc. to VDE 0110 Part1 / 4.97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| IEC 60664-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 250 V / 4 kV / 3                             |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Mechanical life                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10 x 10 <sup>6</sup> switching operations    |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Degree of protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IP 20                                        |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Relay type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | RT 1                                         |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Ambient operating temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -25 °C ... +50 °C                            |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Storage temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -40 °C ... +70 °C                            |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
| Dimensions (WxHxD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (15x53**x86) mm / (0.59x2.09x3.39) in        |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ** from upper edge of DIN 35 rail            |                |                  |            |                                      |         |                     |                       |                                         |       |                        |          |                                 |  |                         |               |                         |      |                      |  |             |            |             |                                  |                                                       |                                              |                 |         |                                             |                    |                            |                       |                     |  |              |                      |              |                      |                                               |  |             |                  |                 |                                           |                      |       |            |      |                               |                   |                     |                   |                    |                                       |  |                                   |

## Relay Socket with Small Switching Relay

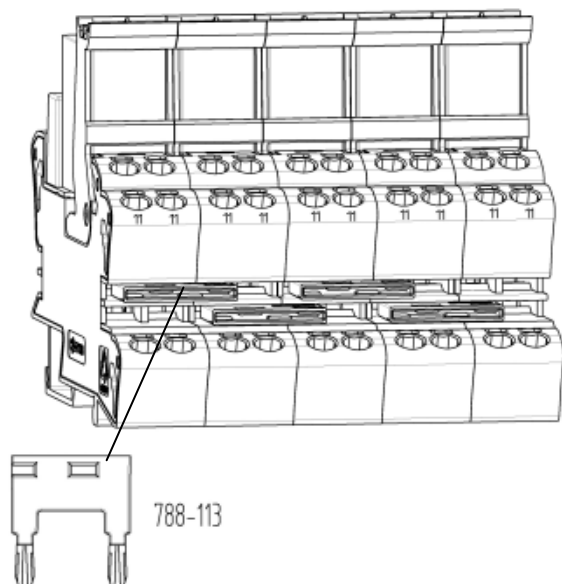
2/2

Socket with relay (1 changeover contact) and status indication

**Data sheet**

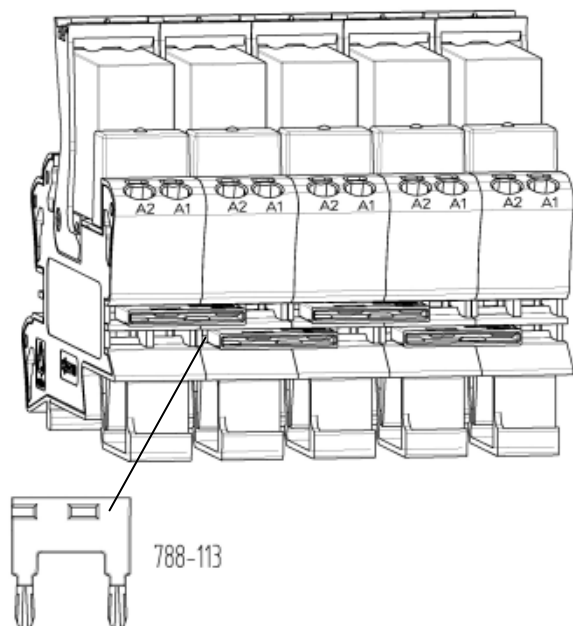
### Commoning possibilities on the contact side:

-relay spanning contacts 11/11



### Commoning possibilities on the coil side:

-contacts A2/A2



|                              |                                                                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Wire connection              | CAGE CLAMP® S                                                                                                                        |
|                              | 0,34-2,5 mm² / AWG 22-12                                                                                                             |
| Stripped length              | 9-10 mm / 0.37 in                                                                                                                    |
| Standards / prescriptions    | DIN VDE 0140 Part1, DIN EN 61140<br>DIN VDE 0160, EN 50178<br>Class of protection II                                                 |
| Approvals                    | cUL <sub>us</sub><br>UL508 / CSA22.2; 10 A<br>E175199<br>Only use replacement relay 788-170 for<br>UL applications (see accessories) |
| <b>Accessories:</b>          |                                                                                                                                      |
| Comb type jumper bar         |                                                                                                                                      |
| 18 A, 2-way                  | 788-113                                                                                                                              |
| 18 A, 3-way                  | 788-114                                                                                                                              |
| 18 A, 4-way                  | 788-115                                                                                                                              |
| 18 A, 6-way                  | 788-116                                                                                                                              |
| 18 A, 8-way                  | 788-117                                                                                                                              |
| 18 A, 2-way                  | 859-402                                                                                                                              |
| Operation indication AC 24 V | 788-123                                                                                                                              |
| Relay RT1, 1 CO              | 788-170                                                                                                                              |
| WMB Multi marking system     | (General catalogue W3 Vol.1 Chapt.8)                                                                                                 |