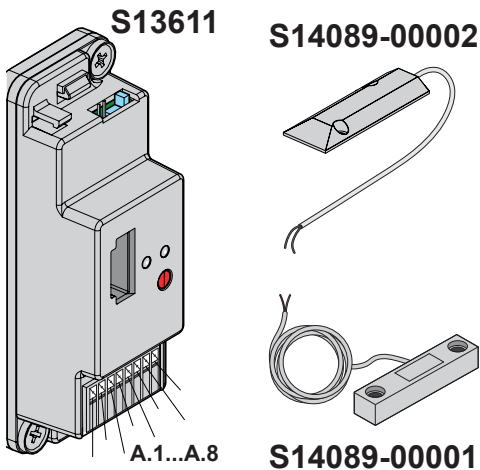




**SOMcom2.1 - Sensor - SOMweb connection**



**SOMMER Antriebs- und Funktechnik GmbH**

Hans-Böckler-Straße 27

D-73230 Kirchheim unter Teck

+49 (0) 7021 8001 333

info@sommer.eu  
www.sommer.eu



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DE Original Kurzanleitung  
EN Original quick start guide  
FR Guide rapide original  
IT Guida rapida originale  
ES Guía de inicio rápido originals

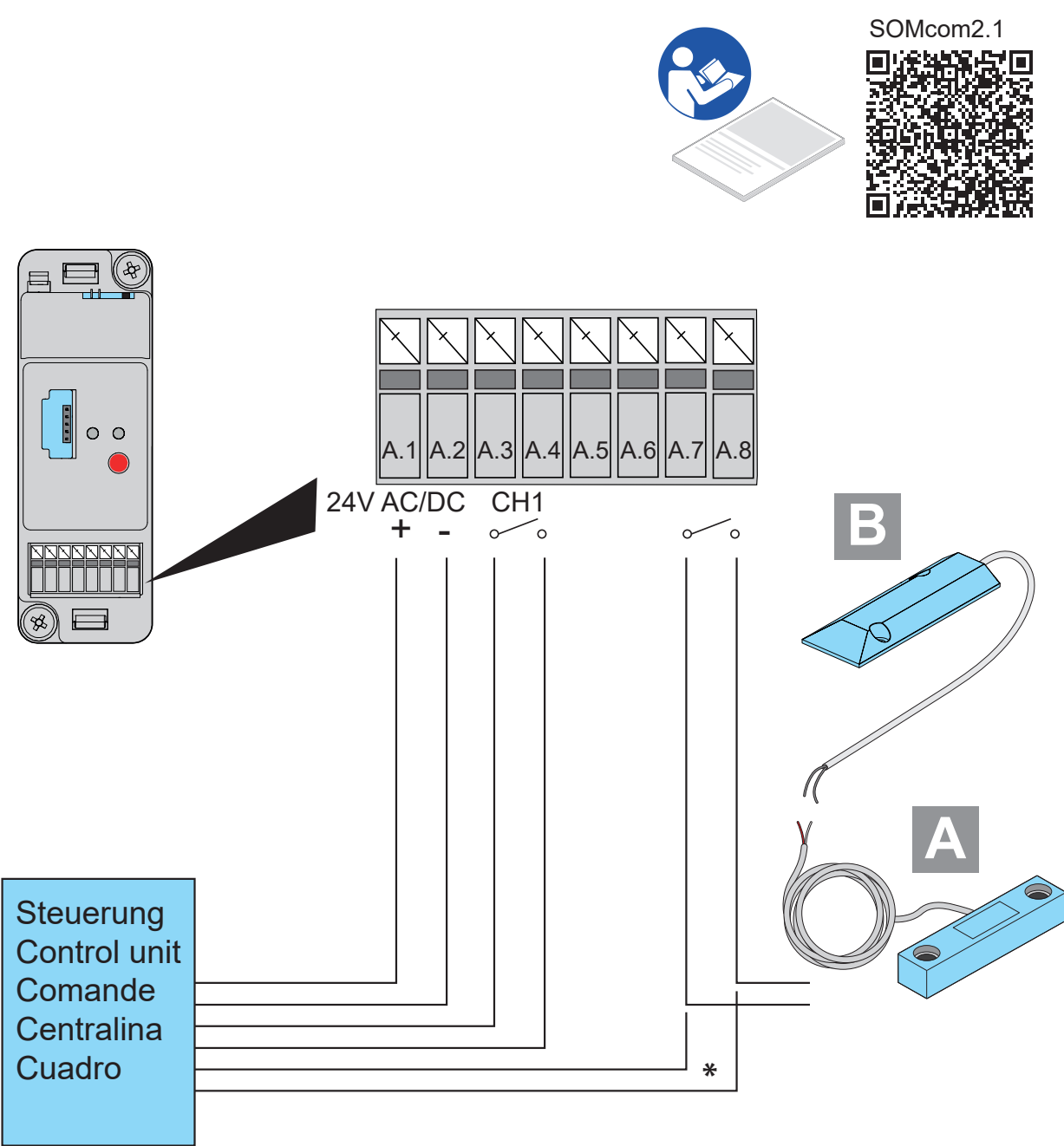
Diese Anleitung beschreibt den Anschluss des Funkempfängers SOMcom 2.1 an Antriebe bzw. Steuerungen, um diese mit einem SOMweb zu steuern (für Antriebe, die nicht direkt mit dem SOMweb verbunden sind).

These instructions describe how to connect the SOMcom 2.1 radio receiver to drives or control units in order to control them with a SOMweb (for drives that are not directly connected to the SOMweb).

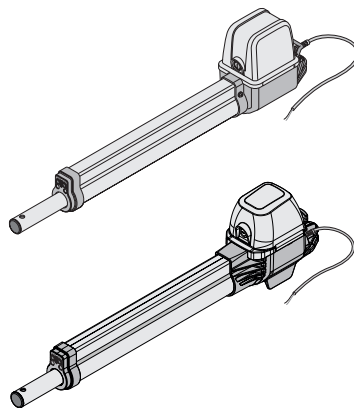
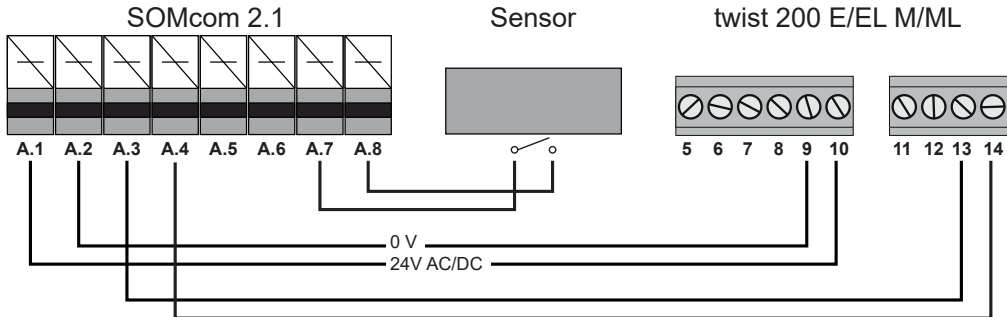
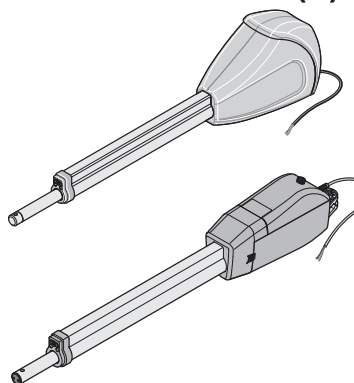
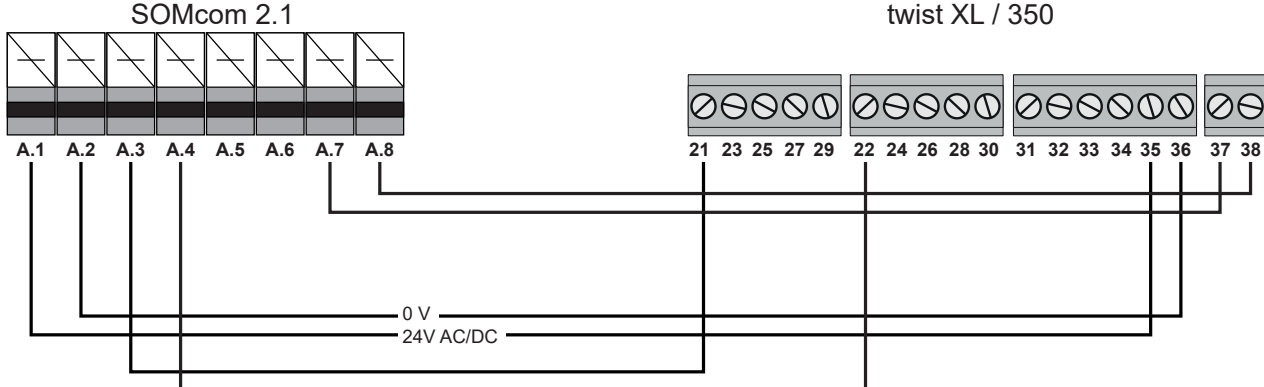
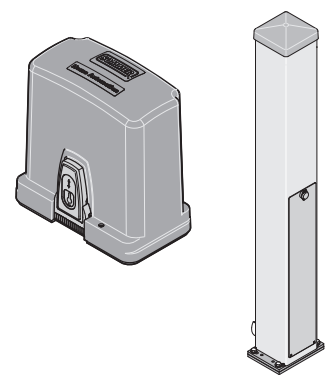
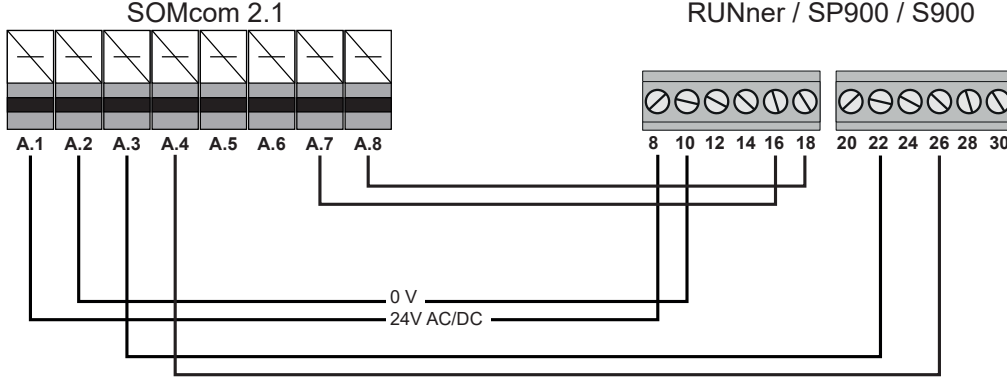
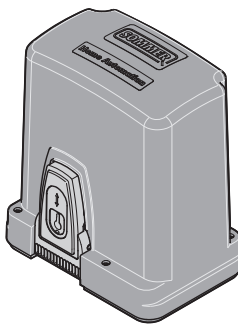
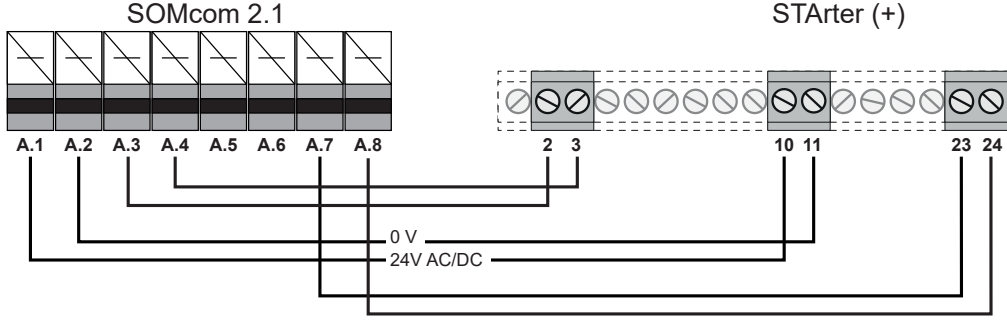
Ce mode d'emploi décrit le raccordement du récepteur radio SOMcom 2.1 à des entraînements ou des commandes afin de les piloter avec un SOMweb (pour les entraînements qui ne sont pas directement reliés au SOMweb).

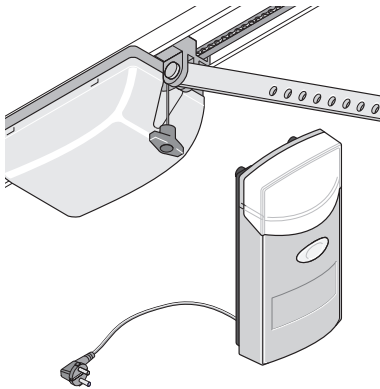
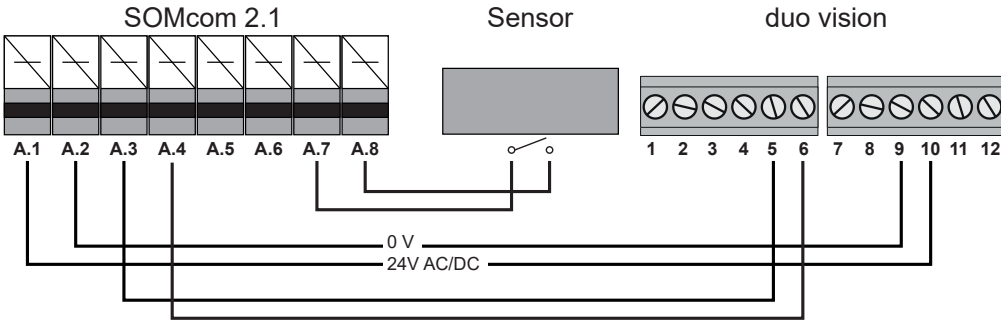
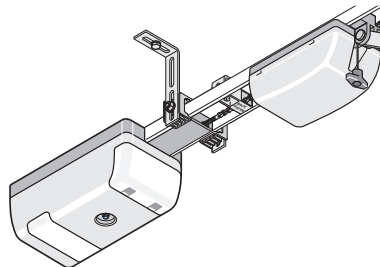
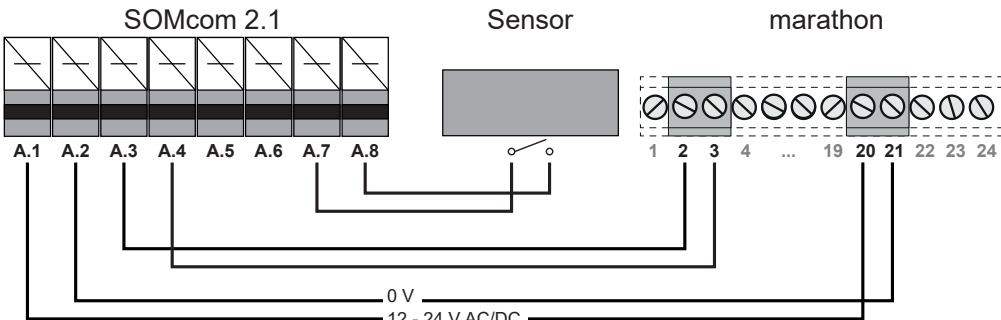
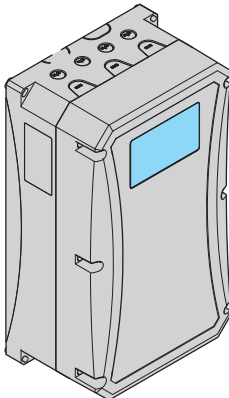
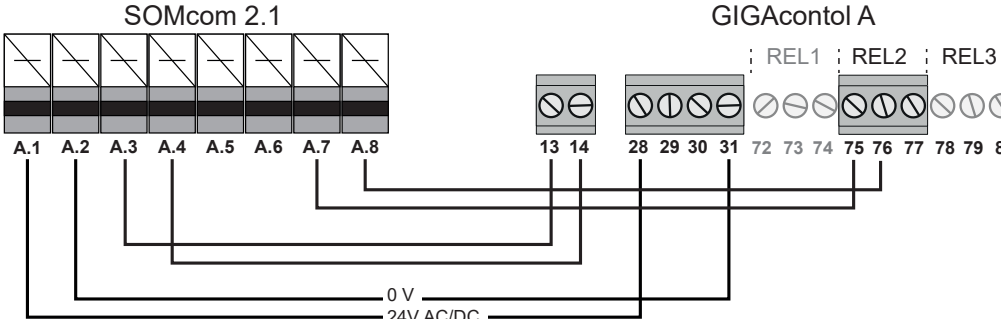
Queste istruzioni descrivono come collegare il ricevitore radio SOMcom 2.1 agli azionamenti o alle unità di controllo per controllarli con SOMweb (per gli azionamenti non collegati direttamente a SOMweb).

Estas instrucciones describen cómo conectar el receptor de radio SOMcom 2.1 a accionamientos o unidades de control para controlarlos con un SOMwe (para accionamientos que no están conectados directamente al SOMweb).



- \* Bei Antriebssteuerungen mit einem Ausgang für die Abfrage des Torzustandes kann dieser mit den Klemmen A.7 und A.8 verbunden werden. Alternativ kann einer der abgebildeten externen Sensoren A / B verwendet werden.
- \* Verfügt die Antriebssteuerung nicht über einen Ausgang zur Abfrage des Torzustandes, muss einer der externen Sensoren A / B verwendet werden.
- \* For operator controls with an output for querying the door status, this can be connected to terminals A.7 and A.8. Alternatively, one of the illustrated external sensors A / B can be used.
- \* If the operator control unit does not have an output for querying the door status, one of the external sensors A / B must be used.
- \* Pour les commandes d'entraînement avec une sortie pour l'interrogation de l'état de la porte, celle-ci peut être reliée aux bornes A.7 et A.8. Il est également possible d'utiliser l'un des capteurs externes A / B représentés.
- \* Si la commande de l'entraînement ne dispose pas d'une sortie pour interroger l'état de la porte, il faut utiliser un des capteurs externes A / B.
- \* Per i comandi dell'operatore dotati di un'uscita per l'interrogazione dello stato della porta, questa può essere collegata ai morsetti A.7 e A.8. In alternativa, è possibile utilizzare uno dei sensori esterni A/B illustrati.
- \* Se la centralina non dispone di un'uscita per l'interrogazione dello stato della porta, è necessario utilizzare uno dei sensori esterni A/B.
- \* En los automatismos con una salida para consultar el estado de la puerta, ésta puede conectarse a los bornes A.7 y A.8. Alternativamente se puede utilizar uno de los sensores externos A / B ilustrados.
- \* Si la unidad de control del operador no dispone de una salida para consultar el estado de la puerta, deberá utilizarse uno de los sensores externos A / B.

| <div>twist 200 E / EL / M / ML (+)</div> <div></div> | <div></div>   | <table><tr><th>SOMcom2.1</th><th>twist 200 / M</th></tr><tr><td>A1</td><td>10</td></tr><tr><td>A2</td><td>9</td></tr><tr><td>A3</td><td>13</td></tr><tr><td>A4</td><td>14</td></tr><tr><td>A7</td><td>Sensor</td></tr><tr><td>A8</td><td>Sensor</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SOMcom2.1 | twist 200 / M  | A1 | 10 | A2 | 9  | A3 | 13 | A4 | 14 | A7 | Sensor | A8 | Sensor |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|----|----|----|----|----|----|----|----|----|--------|----|--------|
| SOMcom2.1                                                                                                                           | twist 200 / M                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A1                                                                                                                                  | 10                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A2                                                                                                                                  | 9                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A3                                                                                                                                  | 13                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A4                                                                                                                                  | 14                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A7                                                                                                                                  | Sensor                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A8                                                                                                                                  | Sensor                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| <div>twist XL / 350 (+)</div> <div></div>           | <div></div>   | <table><tr><th>SOMcom2.1</th><th>twist XL / 350</th></tr><tr><td>A1</td><td>35</td></tr><tr><td>A2</td><td>36</td></tr><tr><td>A3</td><td>21</td></tr><tr><td>A4</td><td>22</td></tr><tr><td>A7</td><td>37</td></tr><tr><td>A8</td><td>38</td></tr></table> <div>DIP-Schalter 4 und 6 auf ON stellen<br/>Set DIP switches 4 and 6 to ON<br/>Mettre les interrupteurs DIP 4 et 6 sur ON<br/>Impostare gli interruttori DIP 4 e 6 su ON<br/>Poner los interruptores DIP 4 y 6 en ON</div>                                                                                                                                                                                                                                                                      | SOMcom2.1 | twist XL / 350 | A1 | 35 | A2 | 36 | A3 | 21 | A4 | 22 | A7 | 37     | A8 | 38     |
| SOMcom2.1                                                                                                                           | twist XL / 350                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A1                                                                                                                                  | 35                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A2                                                                                                                                  | 36                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A3                                                                                                                                  | 21                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A4                                                                                                                                  | 22                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A7                                                                                                                                  | 37                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A8                                                                                                                                  | 38                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| <div>RUNner / SP900 / S900</div> <div></div>      | <div></div> | <table><tr><th>SOMcom2.1</th><th>SP 900 / S900</th></tr><tr><td>A1</td><td>8</td></tr><tr><td>A2</td><td>10</td></tr><tr><td>A3</td><td>22</td></tr><tr><td>A4</td><td>26</td></tr><tr><td>A7</td><td>16</td></tr><tr><td>A8</td><td>18</td></tr></table> <div>DIP-Schalter 5 auf ON stellen<br/>Set DIP switch 5 to ON<br/>mettre le commutateur DIP 5 sur ON<br/>Impostare il commutatore DIP 5 su ON<br/>Poner el interruptor DIP 5 en ON</div> <div>TorMinal Speicherplatz 39 auf Wert 5 stellen<br/>Set TorMinal memory location 39 to value 5<br/>Régler l'emplacement de mémoire 39 du TorMinal sur la valeur 5<br/>Impostare la posizione 39 della memoria TorMinal sul valore 55<br/>Ajuste la posición 39 de la memoria Tor-Minal al valor 5</div> | SOMcom2.1 | SP 900 / S900  | A1 | 8  | A2 | 10 | A3 | 22 | A4 | 26 | A7 | 16     | A8 | 18     |
| SOMcom2.1                                                                                                                           | SP 900 / S900                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A1                                                                                                                                  | 8                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A2                                                                                                                                  | 10                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A3                                                                                                                                  | 22                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A4                                                                                                                                  | 26                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A7                                                                                                                                  | 16                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A8                                                                                                                                  | 18                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| <div>STArter</div> <div></div>                   | <div></div> | <table><tr><th>SOMcom2.1</th><th>STArter</th></tr><tr><td>A1</td><td>10</td></tr><tr><td>A2</td><td>11</td></tr><tr><td>A3</td><td>2</td></tr><tr><td>A4</td><td>3</td></tr><tr><td>A7</td><td>23</td></tr><tr><td>A8</td><td>24</td></tr></table> <div>TorMinal Speicherplatz 35 auf Wert 31 stellen<br/>Set TorMinal memory location 35 to value 31<br/>Régler l'emplacement de mémoire TorMinal 35 sur la valeur 31<br/>Impostare la posizione 35 della memoria TorMinal sul valore 31<br/>Ajuste la posición 35 de la memoria Tor-Minal al valor 31</div>                                                                                                                                                                                                | SOMcom2.1 | STArter        | A1 | 10 | A2 | 11 | A3 | 2  | A4 | 3  | A7 | 23     | A8 | 24     |
| SOMcom2.1                                                                                                                           | STArter                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A1                                                                                                                                  | 10                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A2                                                                                                                                  | 11                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A3                                                                                                                                  | 2                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A4                                                                                                                                  | 3                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A7                                                                                                                                  | 23                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |
| A8                                                                                                                                  | 24                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                |    |    |    |    |    |    |    |    |    |        |    |        |

| <div><div>duo vision</div></div>       | <div><div>SOMcom 2.1</div></div>   | <table><tr><th>SOMcom2.1</th><th>duo vision</th></tr><tr><td>A1</td><td>10</td></tr><tr><td>A2</td><td>9</td></tr><tr><td>A3</td><td>5</td></tr><tr><td>A4</td><td>6</td></tr><tr><td>A7</td><td>Sensor</td></tr><tr><td>A8</td><td>Sensor</td></tr></table>                                                                                                                                                                                   | SOMcom2.1 | duo vision    | A1 | 10 | A2 | 9  | A3 | 5  | A4 | 6  | A7 | Sensor   | A8 | Sensor   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|----|----|----|----|----|----|----|----|----|----------|----|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SOMcom2.1                                                                                                              | duo vision                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A1                                                                                                                     | 10                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A2                                                                                                                     | 9                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A3                                                                                                                     | 5                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A4                                                                                                                     | 6                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A7                                                                                                                     | Sensor                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A8                                                                                                                     | Sensor                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <div><div>marathon SL</div></div>      | <div><div>SOMcom 2.1</div></div>   | <table><tr><th>SOMcom2.1</th><th>marathon SL</th></tr><tr><td>A1</td><td>20</td></tr><tr><td>A2</td><td>21</td></tr><tr><td>A3</td><td>2</td></tr><tr><td>A4</td><td>3</td></tr><tr><td>A7</td><td>Sensor</td></tr><tr><td>A8</td><td>Sensor</td></tr></table>                                                                                                                                                                                 | SOMcom2.1 | marathon SL   | A1 | 20 | A2 | 21 | A3 | 2  | A4 | 3  | A7 | Sensor   | A8 | Sensor   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SOMcom2.1                                                                                                              | marathon SL                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A1                                                                                                                     | 20                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A2                                                                                                                     | 21                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A3                                                                                                                     | 2                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A4                                                                                                                     | 3                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A7                                                                                                                     | Sensor                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A8                                                                                                                     | Sensor                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <div><div>GIGAcontrol A</div></div> | <div><div>SOMcom 2.1</div></div> | <table><tr><th>SOMcom2.1</th><th>GIGAcontrol A</th></tr><tr><td>A1</td><td>28</td></tr><tr><td>A2</td><td>31</td></tr><tr><td>A3</td><td>13</td></tr><tr><td>A4</td><td>14</td></tr><tr><td>A7</td><td>75 / 78*</td></tr><tr><td>A8</td><td>76 / 78*</td></tr></table> <div><p>*</p><p>Freies Relais auswählen<br/>Select free relay<br/>Sélectionner un relais libre<br/>Seleziona la staffetta libera<br/>Seleccionar relevo libre</p></div> | SOMcom2.1 | GIGAcontrol A | A1 | 28 | A2 | 31 | A3 | 13 | A4 | 14 | A7 | 75 / 78* | A8 | 76 / 78* | <div>Einstellungen im Menü ab Menüpunkt 1640 erforderlich.<br/>Einstellung: Relais zieht dauerhaft an wenn die untere Endlage erreicht ist<br/>Settings required in the menu from menu item 1640.<br/>Setting: Relay energises permanently when the lower end position is reached</div> <div>Réglages nécessaires dans le menu à partir du point de menu 1640.<br/>Réglage : Le relais s’active en permanence lorsque la position finale inférieure est atteinte.</div> <div>Impostazioni richieste nel menu dalla voce di menu 1640.<br/>Impostazione: il relè si attiva in modo permanente al raggiungimento del fine corsa inferiore</div> <div>Ajustes necesarios en el menú a partir de la opción 1640.<br/>Ajuste: El relé se activa permanentemente cuando se alcanza la posición final inferior.</div> |
| SOMcom2.1                                                                                                              | GIGAcontrol A                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A1                                                                                                                     | 28                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A2                                                                                                                     | 31                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A3                                                                                                                     | 13                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A4                                                                                                                     | 14                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A7                                                                                                                     | 75 / 78*                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A8                                                                                                                     | 76 / 78*                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |               |    |    |    |    |    |    |    |    |    |          |    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |