

**Data Sheet | Item Number: 706-4769/302-300**  
System cable; for Rockwell Compact Logix; 6 digital inputs and 4 digital outputs for higher voltages; Length: 3 m; Conductor cross-section: 0.34 mm²



<https://www.wago.com/706-4769/302-300>



Similar to illustration

| Color coding<br>acc. to DIN VDE 47100<br>Cable 1: Channel 0-3 | Connector<br>WAGO 231 LAL |        | PLC<br>connector |        |
|---|---------------------------|--------|------------------|--------|
|   | Pin<br>number             | Wiring | Pin<br>number    | Signal |
| White   | 1                         | 0/0    | 2                | OUT0   |
| Brown   | 2                         | 0.1    | 3                | OUT1   |
| Green   | 3                         | 0.2    | 4                | OUT2   |
| Yellow  | 4                         | 0.3    | 5                | OUT3   |
| Grey  | 5                         | nc     | nc               | nc     |
| Pink  | 6                         | nc     | nc               | nc     |
| Blue  | 7                         | nc     | nc               | nc     |
| Red   | 8                         | nc     | nc               | nc     |
| Black   | 9                         | L      | 1                | L1     |
| Violet  | 10                        | c      | nc               | nc     |

| Color coding<br>acc. to DIN VDE 47100<br>Cable 2: Channel 0-5 | Connector<br>WAGO 231 LRL |        | PLC<br>connector |        |
|---|---------------------------|--------|------------------|--------|
|   | Pin<br>number             | Wiring | Pin<br>number    | Signal |
| White   | 11                        | 1.0    | 12               | IN0    |
| Brown   | 12                        | 1.1    | 13               | IN1    |
| Green   | 13                        | 1.2    | 14               | IN2    |
| Yellow  | 14                        | 1.3    | 15               | IN3    |
| Grey  | 15                        | 1.4    | 16               | IN4    |
| Pink  | 16                        | 1.5    | 17               | IN5    |
| Blue  | 17                        | nc     | nc               | nc     |
| Red   | 18                        | nc     | nc               | nc     |
| Black   | 19                        | 2      | 18               | Com    |
| Violet  | 20                        | nc     | nc               | nc     |

| Notes |  |
|-------|--|
| Note  | If less than 3 channels are used simultaneously, the maximum current per conductor is 2 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L. If more than 3 channels are used simultaneously, the maximum current per conductor is 0.75 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L. |

| Electrical data         |   |
|-------------------------|---|
| Inputs/outputs          | 6 digital inputs and 4 digital outputs; for higher voltages |
| Operating voltage       | ≤ AC/DC 250 V   |
| Current per wire (max.) | 0.75 A  |

| Compatibility          |                |
|------------------------|----------------|
| Rockwell               |                |
| Rockwell Compact Logix | 1769 - IQ6XOW4 |

| Connection data    |                   |
|--------------------|-------------------|
| Cable type         | LiYY              |
| Color code         | per DIN VDE 47100 |
| Connection 1       |                   |
| Connector          | WAGO 231 Series   |
| Pole number 1      | 10                |
| Connection type 1  | System            |
| Wire cross-section | 0.34 mm²          |

|                   |                 |
|-------------------|-----------------|
| Connection 2      |                 |
| Connector 2       | WAGO 231 Series |
| Pole number 2     | 10              |
| Connection type 2 | System          |

|                   |                 |
|-------------------|-----------------|
| Connection 3      |                 |
| Connector 3       | Rockwell-RTBN18 |
| Pole number 3     | 18              |
| Connection type 3 | System          |



| Physical data |     |
|---------------|-----|
| Cable length  | 3 m |

| Material Data |       |
|---------------|-------|
| Fire load     | 0 MJ  |
| Weight        | 1.1 g |

| Environmental requirements                         |                |
|--|----------------|
| Ambient temperature (operation at U <sub>N</sub> ) | -20 ... +50 °C |

| Commercial data |               |
|-----------------|---------------|
| ETIM 8.0        | EC000237      |
| ETIM 7.0        | EC000237      |
| PU (SPU)        | 1 pcs         |
| Packaging type  | Box           |
| GTIN            | 4055143048446 |

Downloads

Environmental Product Compliance

| Compliance Search                                    |   |
|--|---|
| Environmental Product Compliance<br>706-4769/302-300 |  |

Documentation

| System Description                  |  |
|-------------------------------------|--|
| WAGO System Wiring, Selection Guide | pdf<br>533.15 KB  |