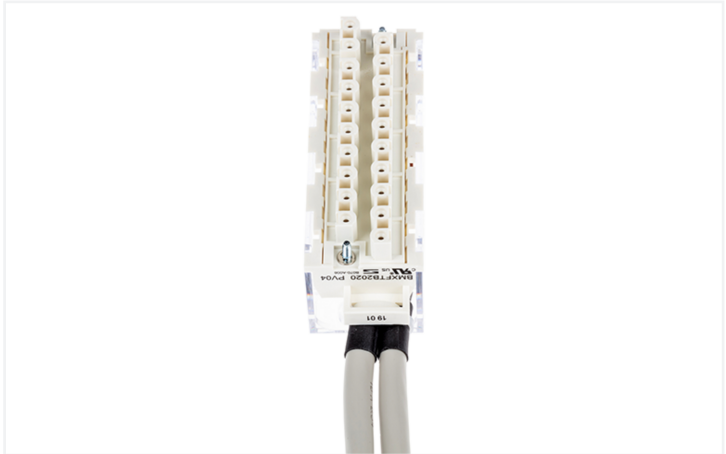


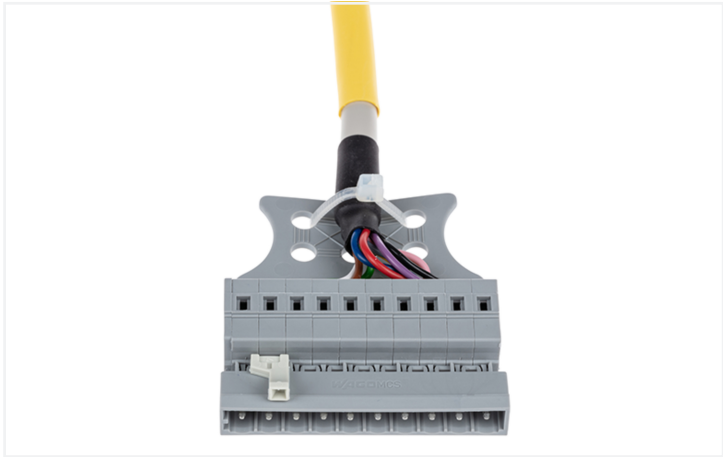
**Data Sheet | Item Number: 706-3340/300-400**

System cable; for Schneider Modicon M340; 16 digital inputs or outputs for higher volt-  
ages; Length: 4 m; Conductor cross-section: 0.34 mm<sup>2</sup>

<https://www.wago.com/706-3340/300-400>



Similar to illustration



| Color coding<br>acc. to DIN VDE 47100<br>Cable 1; Channel 0-7 | Connector<br>WAGO 231 (JA) |          | PLC<br>connector |        |
|---------------------------------------------------------------|----------------------------|----------|------------------|--------|
|                                                               | Pin<br>number              | Wiring   | Pin<br>number    | Signal |
| White                                                         | 1                          | IN/OUT 0 | 1                | 0      |
| Brown                                                         | 2                          | IN/OUT 1 | 2                | 1      |
| Green                                                         | 3                          | IN/OUT 2 | 3                | 2      |
| Yellow                                                        | 4                          | IN/OUT 3 | 4                | 3      |
| Grey                                                          | 5                          | IN/OUT 4 | 5                | 4      |
| Pink                                                          | 6                          | IN/OUT 5 | 6                | 5      |
| Blue                                                          | 7                          | IN/OUT 6 | 7                | 6      |
| Red                                                           | 8                          | IN/OUT 7 | 8                | 7      |
| Black                                                         | 9                          | +L       | 18               | +P     |
| Violet                                                        | 10                         | -N       | 17               | -N     |

| Color coding<br>acc. to DIN VDE 47100<br>Cable 2; Channel 8-15 | Connector<br>WAGO 231 (JB) |           | PLC<br>connector |        |
|----------------------------------------------------------------|----------------------------|-----------|------------------|--------|
|                                                                | Pin<br>number              | Wiring    | Pin<br>number    | Signal |
| White                                                          | 11                         | IN/OUT 8  | 9                | 8      |
| Brown                                                          | 12                         | IN/OUT 9  | 10               | 9      |
| Green                                                          | 13                         | IN/OUT 10 | 11               | 10     |
| Yellow                                                         | 14                         | IN/OUT 11 | 12               | 11     |
| Grey                                                           | 15                         | IN/OUT 12 | 13               | 12     |
| Pink                                                           | 16                         | IN/OUT 13 | 14               | 13     |
| Blue                                                           | 17                         | IN/OUT 14 | 15               | 14     |
| Red                                                            | 18                         | IN/OUT 15 | 16               | 15     |
| Black                                                          | 19                         | nc        | nc               | nc     |
| 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          | 16 digital inputs or outputs; for higher voltages                                                                                                                                                                                                                                                                                                                          |
| Operating voltage       | ≤ 250 VAC/VDC                                                                                                                                                                                                                                                                                                                                                              |
| Current per wire (max.) | 0.75 A                                                                                                                                                                                                                                                                                                                                                                     |



Compatibility

| Schneider              |                                                                              |
|------------------------|------------------------------------------------------------------------------|
| Schneider Modicon M340 | BMX DAI 1602<br>BMX DAI 1603<br>BMX DAI 1604<br>BMX DDI 1603<br>BMX DRA 0805 |

Connection Data

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

| Connection 2       |                 |
|--------------------|-----------------|
| Connector          | WAGO 231 Series |
| Pole number        | 10              |
| Connection type    | System          |
| Wire cross-section | 0.34 mm²        |

| Connection 3       |                      |
|--------------------|----------------------|
| Connector          | Schneider BMXFTB2020 |
| Pole number        | 20                   |
| Connection type    | System               |
| Wire cross-section | 0.34 mm²             |

Physical data

|              |     |
|--------------|-----|
| Cable length | 4 m |
|--------------|-----|

Material data

|        |        |
|--------|--------|
| Weight | 1320 g |
|--------|--------|

Environmental requirements

|                                 |                |
|---------------------------------|----------------|
| Ambient temperature (operation) | -20 ... +50 °C |
|---------------------------------|----------------|

Commercial data

|                       |               |
|-----------------------|---------------|
| PU (SPU)              | 1 pcs         |
| Packaging type        | Bag           |
| Country of origin     | FR            |
| GTIN                  | 4066966891577 |
| Customs tariff number | 85444290900   |

Product Classification

|           |                      |
|-----------|----------------------|
| UNSPSC    | 26121629             |
| ETIM 10.0 | EC000237             |
| ECCN      | NO US CLASSIFICATION |



| Environmental Product Compliance |                         |
|----------------------------------|-------------------------|
| RoHS Compliance Status           | Compliant, No Exemption |

| Downloads                                            |                                                                                   |
|------------------------------------------------------|-----------------------------------------------------------------------------------|
| Environmental Product Compliance                     |                                                                                   |
| Compliance Search                                    |                                                                                   |
| Environmental Product Compliance<br>706-3340/300-400 |  |