

CABLE-FCN40/4X14/ 2,0M/M340 - Cable



2321732

<https://www.phoenixcontact.com/us/products/2321732>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Round cable set; controller: MODICON® M340 (BMX DDI 3202K, BMX DDI 6402K, BMX DD0 3202K, BMX DD0 6402K, BMX DDM 3202K); connection 1: Fujitsu connector (1x 40-position); connection 2: IDC/FLK socket strip (4x 14-position); cable length: 2 m

Your advantages

- Splitting 32 channels into 4 x 8 channels

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2321732 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C421 |
| Product key | DK226F |
| GTIN | 4046356412209 |
| Weight per piece (including packing) | 426.5 g |
| Weight per piece (excluding packing) | 409.2 g |
| Customs tariff number | 85444290 |
| Country of origin | DE |

CABLE-FCN40/4X14/ 2,0M/M340 - Cable



2321732

<https://www.phoenixcontact.com/us/products/2321732>

Technical data

Product properties

| | |
|--------------|--------------|
| Product type | System cable |
|--------------|--------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|--|
| Degree of protection | IP00 |
| Degree of protection (Installation location) | ≥ IP54 (Installation location) |
| Ambient temperature (operation) (fixed installation) | -40 °C ... 70 °C (fixed installation) |
| Ambient temperature (operation) (flexible installation) | -10 °C ... 70 °C (flexible installation) |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |
| Altitude | ≤ 2000 m |

Electrical properties

| | |
|--------------------------|----------------------------------|
| Operating voltage (AC) | ≤ 30 V AC |
| Operating voltage (DC) | ≤ 60 V DC |
| Nominal operating mode | 100% operating factor |
| Current (Per path, 50°C) | ≤ 1 A (Uncoiled, see derating) |
| Current (Per path, 70°C) | ≤ 0.6 A (Uncoiled, see derating) |

Supported controller: SCHNEIDER ELECTRIC Modicon M340

| | |
|-------------------|---------------|
| Suitable I/O card | BMX DDI 3202K |
| | BMX DDI 6402K |
| | BMX DD0 3202K |
| | BMX DD0 6402K |
| | BMX DDM 3202K |

Cable/line

| | |
|--------------|-----|
| Cable length | 2 m |
|--------------|-----|

10X0.14 [PVC]

| | |
|---------------------------------|--------------------------|
| UL AWM Style | 2464/1061 |
| Number of positions | 10 |
| Shielded | no |
| Cable type | 10X0.14 [PVC] |
| Conductor type | Round cable set |
| Conductor structure signal line | 7x 0.16 mm |
| AWG signal line | 26 |
| Conductor cross-section | 10x 0.14 mm ² |
| Wire diameter incl. insulation | 1 mm ±0.03 mm |
| External cable diameter | 6.10 mm ±0.4 mm |
| Outer sheath, material | Semi-rigid PVC |
| External sheath, color | gray |

CABLE-FCN40/4X14/ 2,0M/M340 - Cable



2321732

<https://www.phoenixcontact.com/us/products/2321732>

| | |
|---|---|
| Conductor material | Tin-plated Cu litz wires |
| Cable resistance | ≤ 145 Ω/km (20 °C) |
| Insulation resistance | ≥ 20 MΩ*km (20 °C) |
| Smallest bending radius, fixed installation | 52 mm |
| Smallest bending radius, movable installation | 98 mm |
| Dynamic load capacity (bending) | Max. bending cycles: 5000 |
| Halogen-free | no |
| Flame resistance | IEC 60332-1-2 (raw cable) |
| | VDE 0842, Part 332-1-2 (raw cable) |
| | IEC 60332-3-22 (raw cable) |
| | UL VW-1 |
| | CSA FT-1 |
| Resistance to oil | can withstand occasional splashes (raw cable) |
| Cable type | Splitting cable for four modules |

Color code: Single-core wire

| | |
|--------|--------------------|
| black | X1 (B20) = X2 (1) |
| brown | X1 (A20) = X2 (2) |
| red | X1 (B19) = X2 (3) |
| orange | X1 (A19) = X2 (4) |
| yellow | X1 (B18) = X2 (5) |
| green | X1 (A18) = X2 (6) |
| blue | X1 (B17) = X2 (7) |
| violet | X1 (A17) = X2 (8) |
| gray | X1 (B12) = X2 (9) |
| white | X1 (A12) = X2 (10) |
| black | X1 (B16) = X3 (1) |
| brown | X1 (A16) = X3 (2) |
| red | X1 (B15) = X3 (3) |
| orange | X1 (A15) = X3 (4) |
| yellow | X1 (B14) = X3 (5) |
| green | X1 (A14) = X3 (6) |
| blue | X1 (B13) = X3 (7) |
| violet | X1 (A13) = X3 (8) |
| gray | X1 (B11) = X3 (9) |
| white | X1 (A11) = X3 (10) |
| black | X1 (B10) = X4 (1) |
| brown | X1 (A10) = X4 (2) |
| red | X1 (B9) = X4 (3) |
| orange | X1 (A9) = X4 (4) |
| yellow | X1 (B8) = X4 (5) |
| green | X1 (A8) = X4 (6) |
| blue | X1 (B7) = X4 (7) |
| violet | X1 (A7) = X4 (8) |

CABLE-FCN40/4X14/ 2,0M/M340 - Cable



2321732

<https://www.phoenixcontact.com/us/products/2321732>

| | |
|--------|-------------------|
| gray | X1 (B2) = X4 (9) |
| white | X1 (A2) = X4 (10) |
| black | X1 (B6) = X5 (1) |
| brown | X1 (A6) = X5 (2) |
| red | X1 (B5) = X5 (3) |
| orange | X1 (A5) = X5 (4) |
| yellow | X1 (B4) = X5 (5) |
| green | X1 (A4) = X5 (6) |
| blue | X1 (B3) = X5 (7) |
| violet | X1 (A3) = X5 (8) |
| gray | X1 (B1) = X5 (9) |
| white | X1 (A1) = X5 (10) |

Connection data

X1

| | |
|-----------------------------|-------------------|
| Connection method | Fujitsu connector |
| Type | FCN 367 |
| Number of connections | 1 |
| Number of positions | 40 |
| Insertion/withdrawal cycles | > 50 |
| Pitch | 2.54 mm |

X2 ... X5

| | |
|----------------------------------|------------------------------|
| Connection in acc. with standard | IEC 60603-13 (in compliance) |
| Connection method | IDC/FLK socket strip |
| Number of connections | 4 |
| Number of positions | 14 |
| Insertion/withdrawal cycles | > 50 |
| Pitch | 2.54 mm |

Notes

| | |
|--------------------|--|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |
|--------------------|--|

Drawings

Diagram



Maximum permissible current per path in uncoiled state

CABLE-FCN40/4X14/ 2,0M/M340 - Cable



2321732

<https://www.phoenixcontact.com/us/products/2321732>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2321732>



EAC

Approval ID: RU*-DE.HB*35.B00385

CABLE-FCN40/4X14/ 2,0M/M340 - Cable



2321732

<https://www.phoenixcontact.com/us/products/2321732>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27242220 |
| ECLASS-15.0 | 27242220 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000237 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

CABLE-FCN40/4X14/ 2,0M/M340 - Cable



2321732

<https://www.phoenixcontact.com/us/products/2321732>

Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | b8539243-5c91-4e43-9473-be1cd2dc40d8 |

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com