

Cable - CABLE-FLK50/0,14/HF/ 1,0M - 2314147

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Assembled halogen-free round cable, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels. Halogen-free refers exclusively to the 50-pos. cable. Length of cable: 1 m

Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 180.0 GRM |
| Custom tariff number | 85444290 |
| Country of origin | Germany |

Technical data

General

| | |
|---|---|
| Nominal voltage U_N | < 50 V AC |
| | 60 V DC |
| Max. current carrying capacity per path | 1 A |
| Max. conductor resistance | 0.16 Ω /m |
| Length of cable | 1 m |
| Single wire, cross section | 0.14 mm ² |
| AWG | 26 |
| Conductor construction: Number of litz wires: | 7 |
| Single wire, material | Cu tin-plated |
| External diameter | 10.3 mm |
| Cable, preassembly | Insulation displacement, IEC 60352-4/DIN EN 60352-4 |
| Shielding | no |
| Insertion/withdrawal cycles | > 50 |

Environmental conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Flame resistance | IEC 60332-3 |

Cable - CABLE-FLK50/0,14/HF/ 1,0M - 2314147

Technical data

Connector, module side

| | |
|---------------------|--------------------------------|
| Number of positions | 50 |
| Connectors | IDC/FLK socket strip (2.54 mm) |
| Number of plugs | 1 |

Connector, controller side

| | |
|---------------------|--------------------------------|
| Number of positions | 50 |
| Connectors | IDC/FLK socket strip (2.54 mm) |
| Number of plugs | 1 |

Supported controller

| | |
|---------------------|---------------------------|
| Controller | SIEMENS S7-300 / ET 200 M |
| - suitable I/O card | CPU 313C-2DP |
| | CPU 314C-2PtP |
| | 6ES7 321-1BL00-0AA0 |
| | 6ES7 322-1BL00-0AA0 |
| | 6ES7 323-1BL00-0AA0 |
| | 6ES7 331-7NF00-0AB0 |
| | 6ES7 331-7PF01-0AB0 |
| | 6ES7 331-7PF11-0AB0 |
| | 6ES7 350-2AH01-0AE0 |
| | 6ES7 357-4AH01-0AE0 |
| | CPU 314C-2DP |
| | 6ES7 332-5HF00-0AB0 |
| | 6ES7 331-7NF10-0AB0 |
| | 6ES7 331-1KF01-0AB0 |
| | CPU 313C |
| | CPU 313C-2PtP |
| Controller | SIEMENS S7-400 |
| - suitable I/O card | 6ES7 421-1BL01-0AA0 |
| | 6ES7 421-7BH01-0AB0 |
| | 6ES7 421-7DH00-0AA0 |
| | 6ES7 422-1BL00-0AA0 |
| | 6ES7 422-7BL00-0AB0 |
| | 6ES7 431-0HH0-0AB0 |
| | 6ES7 431-1KF00-0AB0 |
| | 6ES7 431-1KF10-0AB0 |
| | 6ES7 431-1KF20-0AB0 |
| | 6ES7 431-7KF00-0AB0 |

Cable - CABLE-FLK50/0,14/HF/ 1,0M - 2314147

Technical data

Supported controller

| | |
|---------------------|--|
| | 6ES7 431-7KF10-0AB0 |
| | 6ES7 431-7QH00-0AB0 |
| | 6ES7 432-1HF00-0AB0 |
| Controller | Schneider Electric MODICON TSX QUANTUM |
| - suitable I/O card | DDI 353 |
| | DDI 841 |
| | DDI 853 |
| | DAI 340 |
| | DAI 353 |
| | DAI 440 |
| | DAI 453 |
| | DDO 353 |
| | DDM 390 |
| | ACI 030 |
| | ACI 040 |
| | ATI 030 |
| | ARI 030 |
| | AVI 030 |
| | ACO 020 |
| | ACO 130 |
| | AVO 020 |
| | EHC 105 |
| | EHC 202 |
| Controller | ALLEN-BRADLEY ControlLogix |
| - suitable I/O card | 1756-IA16I |
| | 1756-IB16D |
| | 1756-IB16I |
| | 1756-IB32 |
| | 1756-IH16I |
| | 1756-OB32 |
| | 1756-IF8 |
| | 1756-IF16 |
| | 1756-HSC |
| | 1756-M02AE |
| Controller | ALLEN-BRADLEY PLC 5 |
| - suitable I/O card | 1771 IBN |
| | 1771 OBN |

Cable - CABLE-FLK50/0,14/HF/ 1,0M - 2314147

Technical data

Supported controller

| | |
|---------------------|-----------------------|
| Controller | HONEYWELL PlantScape |
| - suitable I/O card | TC-IDK 161 |
| | TC-IDX 161 |
| | TC-IDJ 161 |
| | TC-IDD 321 |
| | TC-ODD 321 |
| | TC-IAH 161 |
| Controller | ALLEN-BRADLEY SLC 500 |
| - suitable I/O card | 1746 OA16 |
| | 1746 OW16 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27061801 |
| eCl@ss 7.0 | 27061801 |
| eCl@ss 8.0 | 27061801 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000237 |
| ETIM 3.0 | EC000237 |
| ETIM 4.0 | EC000237 |
| ETIM 5.0 | EC000237 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 26121620 |
| UNSPSC 7.0901 | 26121620 |
| UNSPSC 11 | 26121620 |
| UNSPSC 12.01 | 26121620 |
| UNSPSC 13.2 | 26121620 |