

Cable - FLK 14/16/EZ-DR/HF/ 350/S7 - 2304694

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Assembled halogen-free round cable set, for front connectors the Siemens SIMATIC® "TOP connect" series, with one 16-pos. and one 14-pos. socket strip, for connecting 8 channels, cable length: 3.5 m



Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 194.0 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 (Up to 50°C ambient temperature) |
| Max. conductor resistance | 0.16 Ω /m |
| Length of cable | 3.5 m |
| Single wire, cross section | 0.14 mm ² |
| AWG | 26 |
| Conductor construction: Number of litz wires: | 7 |
| Single wire, material | Cu tin-plated |
| Test voltage | 500 V AC (50 Hz, 1 min.) |
| External diameter | 6.4 mm |
| Cable, preassembly | Insulation displacement, IEC 60352-4/DIN EN 60352-4 |
| Shielding | no |
| Outer sheath, material | halogen-free (type 2) |
| External sheath, color | RAL 7032 gray |

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Technical data

Environmental conditions

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

Connector, module side

| | |
|---------------------|--------------------------------|
| Number of positions | 14 |
| Connectors | IDC/FLK socket strip (2.54 mm) |
| Number of plugs | 1 |

Connector, controller side

| | |
|---------------------|--------------------------------|
| Number of positions | 16 |
| Connectors | IDC/FLK socket strip (2.54 mm) |
| Number of plugs | 1 |

Supported controller

| | |
|------------|---------------------|
| Controller | SIEMENS TOP connect |
|------------|---------------------|

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 |

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Classifications

UNSPSC

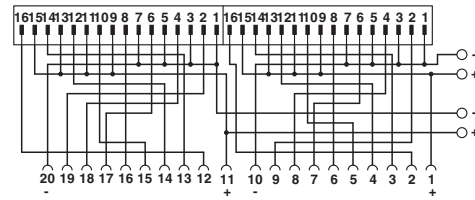
| | |
|-------------|----------|
| UNSPSC 13.2 | 26121620 |
|-------------|----------|

Drawings

Connection diagram

| 14-pos. Socket strip PIN | 16-pos. Socket strip PIN | Wire color |
|--------------------------------|--------------------------------|--------------|
| 1 | 16 | Black |
| 2 | 14 | Brown |
| 3 | 12 | Red |
| 4 | 10 | Orange |
| 5 | 8 | Yellow |
| 6 | 6 | Green |
| 7 | 4 | Blue |
| 8 | 2 | Violet |
| 9 | 9 | Gray |
| 10 | 1 | White |
| 11 | 11 | White-black |
| 12 | 3 | White-brown |
| 13 | 13 | White-red |
| 14 | 5 | White-orange |
| | 7 | - |
| | 15 | - |

Circuit diagram



Pin assignment Siemens S7 front connector modules 6ES7 921-3...

Pin assignment and color code