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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Front adapters - FLK 50-PA/EZ-DR/HF/KS/2500/YUC - 2904639

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Cast front adapter with attached, halogen-free round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 25.0 m

Why buy this product

- Molded connectors
- KS/AKB-compatible connectors on the module side
- Can be screwed on
- Lateral cable outlet of the I/O module

Key Commercial Data

| | |
|----------------------|----------|
| Packing unit | 1 STK |
| Custom tariff number | 85444290 |
| Country of origin | Germany |

Technical data

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -20 °C ... 70 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

General

| | |
|--------------------------|-----------------------------------|
| Nominal voltage U_N | 30 V DC |
| Max. permissible current | 500 mA (per path at 70°C) |
| Designation | Halogen-free sheath |
| Standards/regulations | IEC 60754-1 |
| Designation | No development of corrosive fumes |
| Standards/regulations | IEC 60267-2 |

Connection data 1

Front adapters - FLK 50-PA/EZ-DR/HF/KS/2500/YUC - 2904639

Technical data

Connection data 1

| | |
|-----------------------|--------------------------------|
| Connection name | Control side |
| Connection method | Yokogawa, I/O cards compatible |
| Torque | 0.5 Nm (Screw connection) |
| Number of connections | 1 |
| Number of positions | 50 |

Connection data 2

| | |
|-----------------------|---------------------------|
| Connection name | Field level |
| Connection method | Yokogawa, KS compatible |
| Torque | 0.5 Nm (Screw connection) |
| Number of connections | 1 |
| Number of positions | 50 |

Cable

| | |
|-----------------------------|------------------------------------|
| Structural data | in acc. to UL style 2464/1061 |
| Individual wires per module | 7 |
| Single wire, material | Cu tin-plated |
| Single wire, cross section | 0.14 mm ² |
| External diameter | 11 mm |
| Length of cable | 25 m |
| Outer sheath, material | PVC |
| External sheath, color | gray RAL 7035 |
| Shielding | yes |
| Halogen-free cable | Yes |
| Max. conductor resistance | 0.16 Ω/m |
| Cable insulation resistance | approx. 153 MΩ/km |
| Cable impedance | approx. 120 Ω |
| Cable resistance | approx. 155 Ω/km |
| Cable capacity | approx. 130 pF/m |
| Insulation | Semi-rigid PVC |
| Flame resistance | IEC 60332-3-22 |
| Resistance to oil | DIN VDE 0472 Part 803, test type B |
| Gasoline resistance | Against occasional splashes |

Supported controller

| | |
|---------------------|--------------------------|
| Controller | YOKOGAWA CS3000 CentumVP |
| - suitable I/O card | ADV151 |
| | ADV551 |
| Controller | YOKOGAWA STARDOM |

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Technical data

Supported controller

| | |
|---------------------|---------|
| - suitable I/O card | NFDV151 |
| | NFDV551 |

Standards and Regulations

| | |
|-----------------------|------------------------------------|
| Resistance to oil | DIN VDE 0472 Part 803, test type B |
| Flame resistance | IEC 60332-3-22 |
| Designation | Halogen-free sheath |
| Standards/regulations | IEC 60754-1 |
| Designation | No development of corrosive fumes |
| Standards/regulations | IEC 60267-2 |

Drawings

Front adapters - FLK 50-PA/EZ-DR/HF/KS/2500/YUC - 2904639

Connection diagram

| 50-pos. connector to the I/O card | 50-pos. connector to the module | Wire color |
|---|---------------------------------------|---------------|
| 1 | 50 | black |
| 2 | 49 | brown |
| 3 | 48 | red |
| 4 | 47 | orange |
| 5 | 46 | yellow |
| 6 | 45 | green |
| 7 | 44 | blue |
| 8 | 43 | violet |
| 9 | 42 | gray |
| 10 | 41 | white |
| 11 | 40 | white-black |
| 12 | 39 | white-brown |
| 13 | 38 | white-red |
| 14 | 37 | white-orange |
| 15 | 36 | white-yellow |
| 16 | 35 | white-green |
| 17 | 34 | white-blue |
| 18 | 33 | white-violet |
| 19 | 32 | white-gray |
| 20 | 31 | brown-black |
| 21 | 30 | brown-red |
| 22 | 29 | brown-orange |
| 23 | 28 | brown-yellow |
| 24 | 27 | brown-green |
| 25 | 26 | brown-blue |
| 26 | 25 | brown-violet |
| 27 | 24 | brown-gray |
| 28 | 23 | brown-white |
| 29 | 22 | green-black |
| 30 | 21 | green-brown |
| 31 | 20 | green-red |
| 32 | 19 | green-orange |
| 33 | 18 | green-blue |
| 34 | 17 | green-violet |
| 35 | 16 | green-gray |
| 36 | 15 | green-white |
| 37 | 14 | yellow-black |
| 38 | 13 | yellow-brown |
| 39 | 12 | yellow-red |
| 40 | 11 | yellow-orange |
| 41 | 10 | yellow-blue |
| 42 | 9 | yellow-violet |
| 43 | 8 | yellow-gray |
| 44 | 7 | yellow-white |
| 45 | 6 | gray-black |
| 46 | 5 | gray-brown |
| 47 | 4 | gray-red |
| 48 | 3 | gray-orange |
| 49 | 2 | gray-yellow |
| 50 | 1 | gray-green |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27141152 |
| eCl@ss 8.0 | 27249290 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 9.0 | 27242292 |
|------------|----------|

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC000237 |
| ETIM 5.0 | EC002584 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11 | 39121409 |
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2 | 39121409 |

Approvals

Approvals


Approvals


EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

EAC RU C-DE.A*30.B00767

UL Listed  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 238705

cUL Listed  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 238705

cULus Listed 

