

Front adapters - FLK 40-PA/EZ-DR/KS/ 600/YUC - 2314943

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Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 6.0 m

Your advantages

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

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 176057 |
| GTIN | 4046356176057 |
| Weight per Piece (excluding packing) | 1,025.000 g |
| 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

| | |
|------------------------------------|---------------------------|
| Max. permissible operating voltage | 30 V DC |
| Max. permissible current | 500 mA (per path at 70°C) |

Connection data 1

| | |
|-------------------|--------------------------------|
| Connection name | Control side |
| Connection method | Yokogawa, I/O cards compatible |

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Technical data

Connection data 1

| | |
|-----------------------|---------------------------|
| Torque | 0.5 Nm (Screw connection) |
| Number of connections | 1 |
| Number of positions | 40 |

Connection data 2

| | |
|-----------------------|---------------------------|
| Connection name | Module side |
| Connection method | Yokogawa, KS compatible |
| Torque | 0.5 Nm (Screw connection) |
| Number of connections | 1 |
| Number of positions | 40 |

Cable

| | |
|---|-------------------------------|
| Structural data | in acc. to UL style 2464/1061 |
| Conductor construction: Number of litz wires: | 7 |
| Single wire, material | Cu tin-plated |
| Single wire, cross section | 0.14 mm ² |
| External diameter | 9.8 mm |
| Length of cable | 6 m |
| Outer sheath, material | PVC |
| External sheath, color | gray RAL 7035 |
| Shielding | yes |
| Halogen-free cable | No |
| 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 |

Supported controller

| | |
|---------------------|--------------------------|
| Controller | YOKOGAWA CS3000 CentumVP |
| - suitable I/O card | AAI543 |
| | AAI141 |
| | AAI143 |
| | AAI835 |
| | AAI841 |
| | AAI135 |
| | AAR181 |
| | AAT141 |
| | AAV141 |
| | AAV142 |
| | AAB841 |

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Technical data

Supported controller

| | |
|---------------------|------------------|
| | AAV542 |
| Controller | YOKOGAWA STARDOM |
| - suitable I/O card | NFAI543 |
| | NFAI141 |
| | NFAI143 |
| | NFAI835 |
| | NFAI841 |
| | NFAI135 |
| | NFAV141 |
| | NFAV142 |
| | NFAB841 |
| | NFAV542 |

Standards and Regulations

| | |
|---------------------|------------------------------------|
| Flame resistance | IEC 60332-3-22 |
| Resistance to oil | DIN VDE 0472 Part 803, test type B |
| Gasoline resistance | against occasional splashes |

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

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Connection diagram

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

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.0 | 27249290 |
| eCl@ss 5.1 | 27061800 |
| eCl@ss 6.0 | 27249200 |
| eCl@ss 7.0 | 27249290 |
| eCl@ss 8.0 | 27249290 |
| eCl@ss 9.0 | 27242292 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC002584 |
| ETIM 5.0 | EC002584 |
| ETIM 6.0 | EC002584 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 26121620 |
| UNSPSC 7.0901 | 26121620 |

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Classifications

UNSPSC

| | |
|--------------|----------|
| UNSPSC 11 | 26121620 |
| UNSPSC 12.01 | 26121620 |
| UNSPSC 13.2 | 32151601 |

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

| | | | |
|--------------------|-------|---|---------------|
| UL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
| | | | |
| Nominal voltage UN | 125 V | | |
| Nominal current IN | 0.5 A | | |

| | | | |
|--------------------|-------|---|---------------|
| cUL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
| | | | |
| Nominal voltage UN | 125 V | | |
| Nominal current IN | 0.5 A | | |

| | | |
|-----|--|-------------------------|
| EAC | | RU C- DE.A*30.B00767 |
|-----|--|-------------------------|

| | |
|--------------|--|
| cULus Listed | |
|--------------|--|

Accessories

Accessories

Marker carrier cable

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Accessories

Cable marker carrier - KME - 0807083



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable binders, cable diameter: > 5 mm, lettering field size: 20 mm x 8 mm

Spare parts

Screw set - VF-SCREW-YOKOGAWA/M3X18/DCS - 2902873



Replacement screw M3x18 for Yokogawa system cable, front adapter control side.

Screw set - VF-SCREW-YOKOGAWA/M4X25/KS - 2902874



Replacement screw M4x25 for Yokogawa system cable, module side.