

Front adapters - FLK 50-PA/EZ-DR/KS/1000/YOC - 2314422

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Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 10.0 m

RoHS

Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356100328 |

Technical data

Note

| | |
|--------------|---|
| Type of note | Notes on operation |
| Note | No additional touch protection is required when using a SELV/PELV voltage (≤ 25 V AC or 60 V DC). |

Ambient conditions

| | |
|---|--|
| Ambient temperature (operation) | -40 °C ... 70 °C (fixed installation) |
| | -10 °C ... 70 °C (flexible installation) |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |
| Maximum altitude | ≤ 2000 m |
| Degree of protection | IP20 |
| | \geq IP54 (Installation location) |

General

| | |
|------------------------------------|-----------------------|
| Max. permissible operating voltage | 30 V DC |
| Max. permissible current | 500 mA (per path) |
| Mounting position | any |
| Nominal operating mode | 100% operating factor |

Standards and Regulations

| | |
|------------------|---------|
| Flame resistance | UL VW-1 |
|------------------|---------|

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Standards and Regulations

| | |
|--------------------------|---------------------------------------|
| | CSA FT-1 |
| | IEC 60332-1-2 |
| | VDE 0842, Part 332-1-2 |
| | IEC 60332-3-22 |
| Resistance to oil | against occasional splashes |
| Gasoline resistance | against occasional splashes |
| Designation | Air clearances and creepage distances |
| Standards/regulations | DIN EN 50178 |
| Rated insulation voltage | 63 V |
| Rated surge voltage | 0.6 kV |
| Insulation | Functional insulation |
| Pollution degree | 2 |
| Overvoltage category | II |

Connection data

| | |
|-----------------------------|--------------------------------|
| Connection name | Controller level |
| Connection method | Yokogawa, I/O cards compatible |
| Number of connections | 1 |
| Number of positions | 50 |
| Torque | 0.5 Nm (Screw connection) |
| Insertion/withdrawal cycles | > 50 |

Connection data 2

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

Cable

| | |
|---|-----------------------|
| Conductor construction: Number of litz wires: | 7 |
| Single wire, material | Cu tin-plated |
| Single wire, cross section | 0.14 mm ² |
| Length of cable | 10 m |
| Outer sheath, material | Semi-rigid PVC |
| External sheath, color | gray |
| Shielding | yes |
| Halogen-free cable | No |
| Cable insulation resistance | ≥ 20 MΩ/km (at 20 °C) |
| Cable resistance | ≤ 145 Ω/km (at 20 °C) |

Supported controller

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Technical data

Supported controller

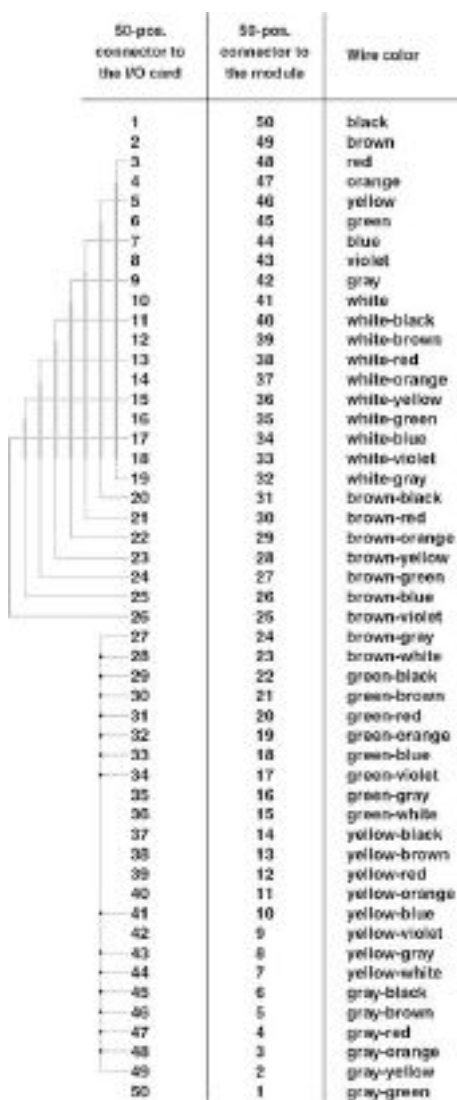
| | |
|------------|---------------------|
| Controller | Yokogawa ProSafe-RS |
|------------|---------------------|

Environmental Product Compliance

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

Drawings

Connection diagram



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Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27242292 |
| eCl@ss 4.0 | 27060300 |
| eCl@ss 4.1 | 27060300 |
| eCl@ss 5.0 | 27061800 |
| 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 |
| ETIM 7.0 | EC002584 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 26121620 |
| UNSPSC 7.0901 | 26121620 |
| UNSPSC 11 | 26121620 |
| UNSPSC 12.01 | 26121620 |
| UNSPSC 13.2 | 32151601 |
| UNSPSC 18.0 | 32151601 |
| UNSPSC 19.0 | 32151601 |
| UNSPSC 20.0 | 32151601 |
| UNSPSC 21.0 | 32151601 |

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

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Approvals

| | | | |
|--------------------|--|---|---------------|
| 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

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.

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