

System connection - PLC-V8/FLK14/OUT/M - 2304102

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V8-OUTPUT adapter for eight 6.2 mm PLC interfaces (1 PDT, etc./see "Supplementary Products"). 14-pos. flat-ribbon cable connection for the PLC system cabling, control logic: Minus switching

The illustration shows version PLC-V8/FLK14/OUT



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 57.6 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------|---------|
| Width | 49.6 mm |
| Height | 100 mm |
| Depth | 94 mm |

Ambient conditions

| | |
|-----------------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |

General

| | |
|--------------------------------------------------|-----------------------|
| Max. perm. operating voltage | 30 V DC |
| Max. perm. current (per branch) | 1 A (per signal path) |
| Max. permissible current (separate power supply) | 3 A |
| Number of positions | 14 |

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Technical data

General

| | |
|--------------------------|--------------------------------|
| Status display | Green LED |
| Mounting position | any |
| Assembly instructions | In rows with zero spacing |
| Degree of protection | IP20 |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| | IEC 62103 |
| Rated insulation voltage | 50 V |
| Rated surge voltage | 0.5 kV (Functional insulation) |
| Degree of pollution | 2 |
| Overvoltage category | II |

Connection data for connection 1

| | |
|----------------------------------|---------------------------------------------|
| Connection name | Supply |
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Conductor cross section solid | 0.2 mm ² ... 4 mm ² |
| Conductor cross section flexible | 0.2 mm ² ... 2.5 mm ² |
| Conductor cross section AWG | 24 ... 12 |
| Number of connections | 1 |

Connection data for connection 2

| | |
|-----------------------|-----------------------------|
| Connection name | Controller level |
| Connection method | IDC/FLK pin strip (2.54 mm) |
| Number of connections | 1 |
| Number of positions | 14 |

Supported controller

| | |
|---------------------|--------------------------|
| Controller | ABB S800 I/O |
| - suitable I/O card | DO814 |
| | DO818 |
| Controller | YOKOGAWA CS3000 CentumVP |
| - suitable I/O card | ADV551 |
| | ADV561 |
| Controller | YOKOGAWA STARDOM |
| - suitable I/O card | NFDV551 |
| | NFDV561 |
| Controller | MITSUBISHI MELSEC Q |

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Technical data

Supported controller

| | |
|---------------------|---------------------|
| - suitable I/O card | QX41 |
| | QX41-S1 |
| | QX42 |
| | QX42-S1 |
| | QH42P |
| Controller | MITSUBISHI MELSEC L |
| - suitable I/O card | LX41C4 |
| | LX42C4 |

Standards and Regulations

| | |
|----------------------------------|--------------|
| Connection in acc. with standard | CUL |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| | IEC 62103 |
| Degree of pollution | 2 |
| Overvoltage category | II |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27250313 |
| eCl@ss 5.1 | 27250313 |
| eCl@ss 6.0 | 27242208 |
| eCl@ss 7.0 | 27242208 |
| eCl@ss 8.0 | 27141152 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001423 |
| ETIM 3.0 | EC001423 |
| ETIM 4.0 | EC001423 |
| ETIM 5.0 | EC002780 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211824 |
| UNSPSC 7.0901 | 39121402 |
| UNSPSC 11 | 39121402 |

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Classifications

UNSPSC

| | |
|--------------|----------|
| UNSPSC 12.01 | 39121402 |
| UNSPSC 13.2 | 39121402 |

Approvals

Approvals


Approvals


UL Recognized / UL Listed / cUL Recognized / cUL Listed / GL / EAC / cULus Recognized / cULus Listed


Ex Approvals

Approvals submitted

Approval details

UL Recognized 

UL Listed 

cUL Recognized 

cUL Listed 

GL

EAC

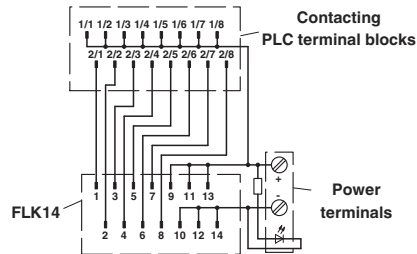
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Approvals



Drawings

Circuit diagram



PLC-V8/FLK14/OUT/M connection scheme