



Automatización Eléctrica
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System connectors - FLKM 16-PA- 331-1KF/II/MINI-MCR - 2318237

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VARIOFACE front adapter, for SIMATIC® S7-300, only in connection with MINI MCR-SL-V8-FLK 16-A. Connectable card:331-1KF0-0AB01.

Key Commercial Data

| | |
|--------------|---------------------|
| Packing unit | 1 STK |
| GTIN | 4 046356 301664 |

Technical data

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

General

| | |
|--------------------------------|--------------------------------|
| Nominal voltage U _N | < 50 V AC |
| | 60 V DC |
| Max. permissible current | 50 mA (per path) |
| Mounting position | any |
| Degree of protection | IP00 |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| | IEC 62103 |
| Rated insulation voltage | 63 V |
| Rated surge voltage | 0.6 kV (Functional insulation) |
| Degree of pollution | 2 |
| Overvoltage category | II |

Connection data 1

| | |
|-----------------------|-----------------------------|
| Connection name | Field level |
| Connection method | IDC/FLK pin strip (2.54 mm) |
| Number of connections | 1 |
| Number of positions | 16 |

Connection data 2

System connectors - FLKM 16-PA- 331-1KF/II/MINI-MCR - 2318237

Technical data

Connection data 2

| | |
|----------------------------------|--|
| Connection name | Supply |
| Connection method | Screw connection |
| Conductor cross section solid | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross section flexible | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross section AWG | 26 ... 16 |

Supported controller

| | |
|---------------------|---------------------------|
| Controller | SIEMENS S7-300 / ET 200 M |
| - suitable I/O card | 6ES7 331-1KF0x-0AB0 |

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 | 27249205 |
| eCl@ss 7.0 | 27249205 |
| eCl@ss 8.0 | 27249290 |
| eCl@ss 9.0 | 27240692 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000237 |
| ETIM 3.0 | EC000237 |
| ETIM 4.0 | EC000237 |
| ETIM 5.0 | EC002584 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11 | 39121421 |
| UNSPSC 12.01 | 39121421 |
| UNSPSC 13.2 | 39121421 |

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Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

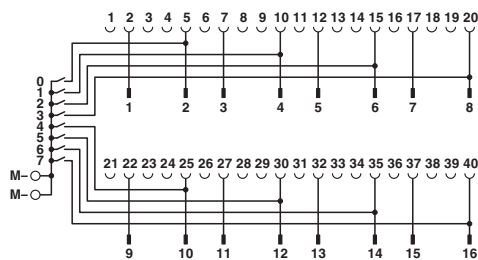
cUL Recognized

EAC

cULus Recognized

Drawings

Circuit diagram



Connection scheme FLKM 16-PA-331-1KF/I/MINI-MCR

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