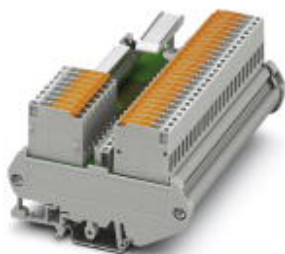


Interface module - FLKM-D25 SUB/B/KDS3-MT/TU810 - 2304513

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VARIOFACE module for ABB S800 I/O, with knife disconnect terminal blocks and specific marking (A1, B1, C1, A2, B2, C2, ... A8, B8, C8)

Your advantages

- ✓ Eight negative terminal blocks with knife disconnection (TU810)
- ✓ Eight positive terminal blocks with knife disconnection (TU810/P)
- ✓ One positive and negative terminal block with knife disconnection per channel (TU830)



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4017918949006 |

Technical data

Dimensions

| | |
|--------|--------|
| Width | 126 mm |
| Height | 90 mm |
| Depth | 60 mm |

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Degree of protection | IP00 |

General

| | |
|--|-------------------|
| Nominal voltage U_N | 25 V AC |
| | 60 V DC |
| Max. perm. current (per branch) | 2 A |
| Max. permissible current (separate power supply) | 4 A (8 A L1-/L2-) |

Interface module - FLKM-D25 SUB/B/KDS3-MT/TU810 - 2304513

Technical data

General

| | |
|-----------------------|---------------------------|
| Number of positions | 25 |
| Status display | No |
| Mounting position | any |
| Assembly instructions | In rows with zero spacing |

Connection data

| | |
|----------------------------------|---|
| Connection name | Field level |
| Connection method | Screw connection with disconnect knife |
| 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 |

Connection data 2

| | |
|-----------------------|--------------------|
| Connection name | Controller level |
| Connection method | D-SUB socket strip |
| Number of connections | 1 |
| Number of positions | 25 |

Supported controller

| | |
|---------------------|--------------|
| Controller | ABB S800 I/O |
| - suitable I/O card | DI814 |
| | DO810 |
| | DO840 |
| | DP820 |
| | DP840 |
| | AI810 |
| | AI815 |
| | AI820 |
| | AI830 |
| | AI835 |
| | AI845 |
| | AO810 |
| | AO815 |
| | AO820 |
| | AO845 |

Standards and Regulations

| | |
|--------------------------|--------------------------------|
| Standards/regulations | DIN EN 50178 |
| | IEC 60664 |
| Rated insulation voltage | 63 V |
| Rated surge voltage | 0.6 kV (Functional insulation) |

Interface module - FLKM-D25 SUB/B/KDS3-MT/TU810 - 2304513

Technical data

Standards and Regulations

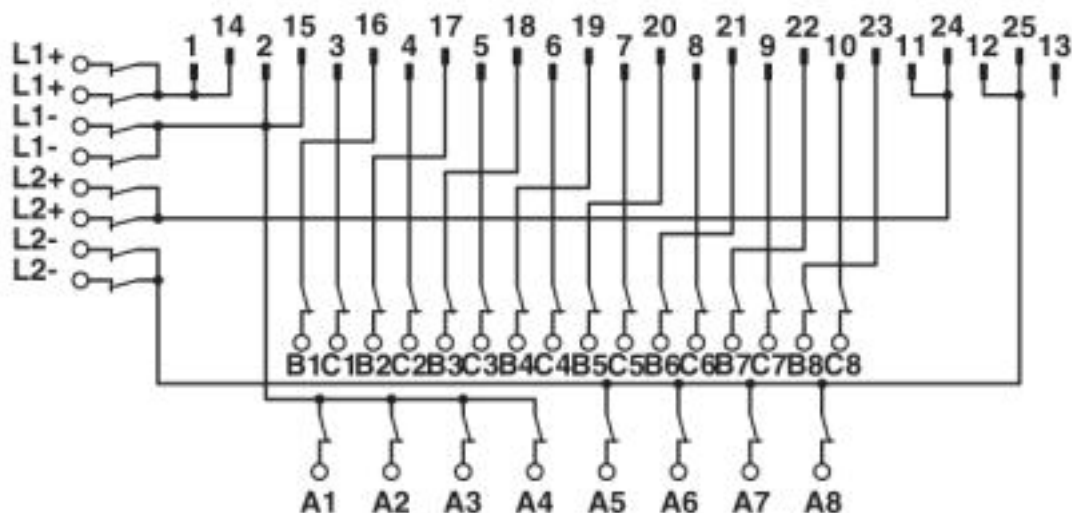
| | |
|----------------------|----|
| Pollution degree | 2 |
| Overvoltage category | II |

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

Circuit diagram



FLKM-D25 SUB/B/KDS3-MT/TU810 connection scheme

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27141152 |
| eCl@ss 4.0 | 27250300 |
| eCl@ss 4.1 | 27250300 |
| eCl@ss 5.0 | 27250300 |
| eCl@ss 5.1 | 27250300 |
| eCl@ss 6.0 | 27242600 |
| eCl@ss 7.0 | 27141152 |
| eCl@ss 8.0 | 27141152 |
| eCl@ss 9.0 | 27141152 |

Interface module - FLKM-D25 SUB/B/KDS3-MT/TU810 - 2304513

Classifications

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC002780 |
| ETIM 6.0 | EC002780 |
| ETIM 7.0 | EC002780 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11 | 39121421 |
| UNSPSC 12.01 | 39121421 |
| UNSPSC 13.2 | 39121432 |
| UNSPSC 18.0 | 39121432 |
| UNSPSC 19.0 | 39121432 |
| UNSPSC 20.0 | 39121432 |
| UNSPSC 21.0 | 39121432 |

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|---|--------------------------|
| EAC |  | RU C- DE.A*30.B.01742 |
|-----|---|--------------------------|

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