

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



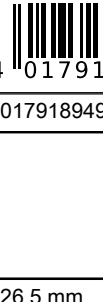
VARIOFACE module for ABB S800 I/O, with knife disconnect terminal blocks and specific marking (A1, B1, C1, A2, B2, C2, ... A8, B8, C8)

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 |  4 017918 949006 |
| GTIN | 4017918949006 |

Technical data

Dimensions

| | |
|--------|----------|
| Width | 126.5 mm |
| Height | 90 mm |
| Depth | 61 mm |

Ambient conditions

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

General

| | |
|--|-------------------|
| Max. perm. operating voltage | 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-) |
| Number of positions | 25 |

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

Technical data

General

| | |
|-----------------------|---------------------------|
| Status display | No |
| Mounting position | any |
| Assembly instructions | In rows with zero spacing |
| Degree of protection | IP00 |

Connection data for connection 1

| | |
|----------------------------------|---|
| 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 for connection 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

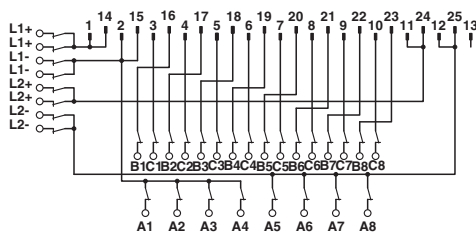
| | |
|----------------------|----|
| Degree of pollution | 2 |
| Overvoltage category | II |

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

Circuit diagram



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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>