

Knife disconnect terminal block - PT 2,5-MT OG - 3212316

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Knife disconnect terminal block, nom. voltage: 400 V, nominal current: 20 A, connection method: Push-in connection, cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, length: 62 mm, width: 5.2 mm, color: orange, mounting: NS 35/7,5, NS 35/15, nom. voltage: 400 V

Why buy this product

- ✓ The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- ✓ The compact design and front connection enable wiring in a confined space
- ✓ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection

Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 50 STK |
| GTIN | |
| GTIN | 4046356514842 |

Technical data

General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 2 |
| Potentials | 1 |
| Nominal cross section | 2.5 mm ² |
| Color | orange |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 8 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Maximum power dissipation for nominal condition | 0.77 W |
| Maximum load current | 20 A (with 4 mm ² conductor cross section) |

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Technical data

General

| | |
|-----------------------|-------|
| Nominal current I_N | 20 A |
| Nominal voltage U_N | 400 V |
| Open side panel | Yes |

Dimensions

| | |
|------------------|---------|
| Width | 5.2 mm |
| End cover width | 2.2 mm |
| Length | 62 mm |
| Height | 35.3 mm |
| Height NS 35/7,5 | 36.5 mm |
| Height NS 35/15 | 44 mm |

Connection data

| | |
|---|----------------------|
| Connection method | Push-in connection |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 12 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Min. AWG conductor cross section, flexible | 26 |
| Max. AWG conductor cross section, flexible | 14 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |
| Stripping length | 8 mm ... 10 mm |
| Internal cylindrical gage | A3 |

Standards and Regulations

| | |
|--|---------------|
| Connection in acc. with standard | CSA |
| | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Knife disconnect terminal block - PT 2,5-MT OG - 3212316

Circuit diagram



Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / LR / ABS / NK / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / DNV GL / EAC / cULus Recognized

Ex Approvals

Approval details


| | | | |
|----------------------------|--|---|-------|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| | | B | C |
| Nominal voltage UN | | 300 V | 300 V |
| Nominal current IN | | 20 A | 20 A |
| mm ² /AWG/kcmil | | 26-12 | 26-12 |

| | | | |
|----------------------------|--|---|--------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | | B | C |
| Nominal voltage UN | | 300 V | 300 V |
| Nominal current IN | | 20 A | 20 A |
| mm ² /AWG/kcmil | | 26-12 | 26-12 |

| | | | |
|----------------------------|--|---|--------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | | B | C |
| Nominal voltage UN | | 300 V | 300 V |
| Nominal current IN | | 20 A | 20 A |
| mm ² /AWG/kcmil | | 26-12 | 26-12 |


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Approvals

| | | | |
|----|---|---|----------|
| LR |  | http://www.lr.org/en | 10/20040 |
|----|---|---|----------|


| | | | |
|-----|---|---|------------------|
| ABS |  | http://www.eagle.org/eagleExternalPortalWEB/ | 16-HG1591536-PDA |
|-----|---|---|------------------|

| | | | |
|----|---|---|----------|
| NK |  | http://www.classnk.or.jp/hp/en/ | 14ME0912 |
|----|---|---|----------|

| | | | |
|--|---|--|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40036792 |
| Nominal voltage UN | 400 V | | |
| Nominal current IN | 20 A | | |
| mm ² /AWG/kcmil | 0.2-2.5 | | |

| | | | |
|----------------------------|---|---|-----------|
| IECEE CB Scheme |  | http://www.iecee.org/ | DE1-56950 |
| Nominal voltage UN | 400 V | | |
| mm ² /AWG/kcmil | 2.5 | | |

| | | |
|--------|---|--------------|
| DNV GL | http://exchange.dnv.com/tari/ | TAE0000UD_01 |
|--------|---|--------------|

| | | |
|-----|---|--------------------------|
| EAC |  | RU C- DE.AI30.B.01102 |
|-----|---|--------------------------|

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|------------------|---|---|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm |
|------------------|---|---|

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