

Feed-through terminal block - PT 1,5/S-TWIN WH - 3208158

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Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in connection, number of connections: 3, cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, width: 3.5 mm, height: 30.5 mm, color: white, mounting type: NS 35/7,5, NS 35/15

Your advantages

- ✓ 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
- ✓ Tested for railway applications



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 pc |
| GTIN |  4 0 5 5 6 2 6 3 2 7 1 4 3 |
| GTIN | 4055626327143 |

Technical data

General

| | |
|--|---------------------------------------|
| Number of levels | 1 |
| Number of connections | 3 |
| Potentials | 1 |
| Nominal cross section | 1.5 mm ² |
| Color | white |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Area of application | Machine building Plant engineering |
| Rated surge voltage | 6 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |

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Technical data

General

| | |
|---|-------------------------|
| Insulating material group | I |
| Maximum power dissipation for nominal condition | 0.56 W |
| Designation | Level 1 above 1 below 1 |
| Maximum load current | 17.5 A |
| Nominal current I_N | 17.5 A |
| Nominal voltage U_N | 500 V |
| Open side panel | Yes |

Dimensions

| | |
|------------------|---------|
| Width | 3.5 mm |
| End cover width | 2.2 mm |
| Length | 54 mm |
| Height | 30.5 mm |
| Height NS 35/7,5 | 32 mm |
| Height NS 35/15 | 39.5 mm |

Connection data

| | |
|--|--|
| Connection | 1 level |
| Connection method | Push-in connection |
| Stripping length | 8 mm ... 10 mm |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 14 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 1.5 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. | 1.5 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. | 1 mm ² Using the AI-S 1-8 TQ ferrule, Order No. 1200293, is recommended |
| Internal cylindrical gage | A1 / B1 |

Standards and Regulations

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

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|------------|---|

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Technical data

Environmental Product Compliance

| | |
|--|--|
| | No hazardous substances above threshold values |
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Drawings

Circuit diagram



Approvals

Approvals

Approvals

CSA / BV / LR / NK / ABS / UL Recognized / cUL Recognized / EAC / DNV GL / cULus Recognized

Ex Approvals

IECEX / ATEX / EAC Ex

Approval details

| | | | |
|----------------------------|-------|---|-------|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| | B | C | D |
| Nominal voltage UN | 300 V | 300 V | 600 V |
| Nominal current IN | 15 A | 15 A | 5 A |
| mm ² /AWG/kcmil | 26-14 | 26-14 | 26-14 |

| | | | |
|----|--|---|-------------|
| BV | | http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials | 39980/A0 BV |
|----|--|---|-------------|

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|----|--|---|---------------|
| LR | | http://www.lr.org/en | 12/20038 (E3) |
|----|--|---|---------------|

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Approvals

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

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

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|----------------------------|-------|---|--------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | C | D |
| Nominal voltage UN | 300 V | 300 V | 600 V |
| Nominal current IN | 15 A | 15 A | 5 A |
| mm ² /AWG/kcmil | 26-14 | 26-14 | 26-14 |

| | | | |
|----------------------------|-------|---|--------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | C | D |
| Nominal voltage UN | 300 V | 300 V | 600 V |
| Nominal current IN | 15 A | 15 A | 5 A |
| mm ² /AWG/kcmil | 26-14 | 26-14 | 26-14 |

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

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|--------|--|---|------------|
| DNV GL | | https://approvalfinder.dnvgl.com/ | TAE00003JE |
|--------|--|---|------------|

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|------------------|--|--|--|
| cULus Recognized | | | |
|------------------|--|--|--|