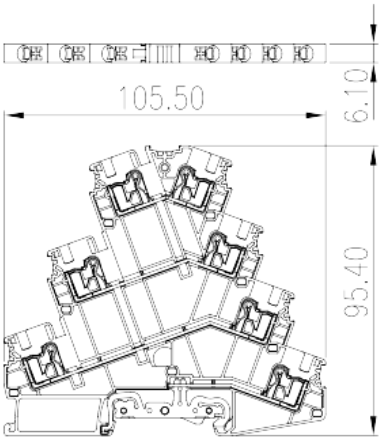
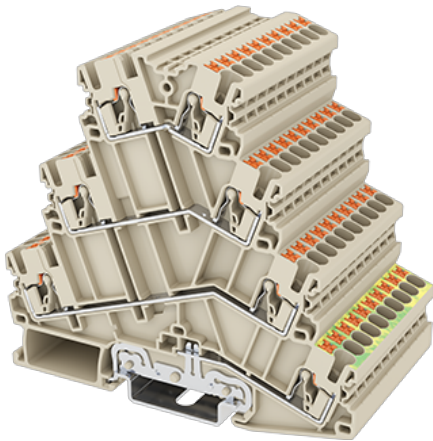


# DP4N-3L-SPE

DIN Rail Terminal Blocks > Push-in Design

Date:2026-06-18



The web catalog is for reference only. Dinkle remains the right of product modification and engineering change of the design.  
The final product is made according to engineering drawing.

## Product Description

600V, 30A, Beige (default)

## General information

|                     |                                          |
|---------------------|------------------------------------------|
| Short description   | Grounding Terminal Block, Push-in Design |
| Category            | Grounding Terminal Blocks                |
| Color               | Beige (default)                          |
| Connection method   | Push-in Design                           |
| Type of locking     | Rail Mounting                            |
| Length (mm)         | 105.5                                    |
| Width (mm)          | 6.1                                      |
| Height (mm)         | 95.4                                     |
| Number of positions | ≥1P                                      |
| Level               | Four level                               |
| Connection points   | 7                                        |

## Material information

|                                              |    |
|----------------------------------------------|----|
| Insulation material                          | PA |
| Insulation material group                    | I  |
| Flame retardant rating , compliant with UL94 | V0 |

Insulation resistance

 $\geq 500\text{M}\Omega$  at DC 500V

## Connection data-IEC

|                                                                                                         |       |
|---------------------------------------------------------------------------------------------------------|-------|
| Rated voltage (V)                                                                                       | 800   |
| Rated current (A)                                                                                       | 32    |
| Rated voltage (III/3)(V)                                                                                | 800   |
| Rated impulse voltage (III/3)(KV)                                                                       | 8     |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                   | 0.2   |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                    | 6     |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                | 0.2   |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                | 4     |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )            | 0.25  |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )            | 4     |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )               | 0.25  |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )               | 4     |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 0.25  |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 4     |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                  | 0.8x4 |
| Stripping Length (mm)                                                                                   | 12    |
| Mounting rail                                                                                           | TS-35 |
| End cover plate required                                                                                | YES   |
| Grounding connections                                                                                   | YES   |

## Connection data-UL

|                                                  |     |
|--------------------------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V)                | 600 |
| Rated current (UL/CUL Group B)(A)                | 30  |
| Rated voltage (UL/CUL Group C)(V)                | 600 |
| Rated current (UL/CUL Group C)(A)                | 30  |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 24  |
| Max. solid wire connection AWG acc. to UL/CUL    | 10  |
| Min. stranded wire connection AWG acc. to UL/CUL | 24  |
| Max. stranded wire connection AWG acc. to UL/CUL | 10  |

## Environment & Safety

|                                         |     |
|-----------------------------------------|-----|
| Back of the hand protection (YES or NO) | YES |
| Finger protection (YES or NO)           | YES |
| Operating temperature. max (°C)         | 120 |
| Operating temperature. min (°C)         | -40 |

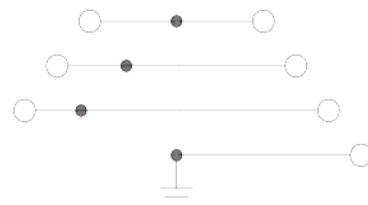
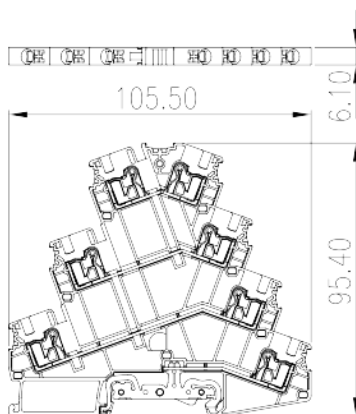
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 26~12 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 30    |
| Wire Range (Group C)(AWG)  | 26~12 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 30    |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 26~12 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 30    |
| Wire Range (Group C)(AWG)  | 26~12 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 30    |

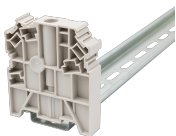
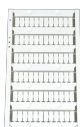
## Drawings

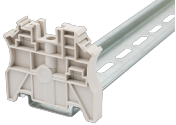


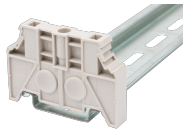
## Approvals



## Accessories

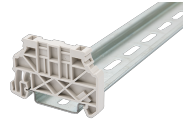
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><b>TM42LW</b><br/>Marking Label<br/>For BEST APPLICATION : DP2.5N Series, DP2.5N-3L-SPE, DPH2.5 Series, AK2.5 Series, DKES1.5N2, DKES1.5N3, DPP2.5N Series, DP2.5N-3L, DP2.5N-3L-PV, DP2.5N-3L-L3PE, DP2.5N-3L-PE, DPH1.5SGU, DK2.5S, DK1.5SG Series, PM2.5N-XXP, PM2.5WN-XXP, PMM2.5WN-XXP, AKK2.5, AKK2.5-PV, AKK2.5-PE, AKK2.5-D Series, DK2.5L-3L, DK2.5P AVAILABLE APPLICATION : DPES2.5, DPES2.5-PE, DP2.5PG, DP2.5SG Series, DPES2.5, DPES2.5-PE White color. Using UL94-V0 class of insulation material.</p> |
|   | <p><b>SS6N</b><br/>End Bracket<br/>For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                                                                                                                                                                                              |
|  | <p><b>TM47LW</b><br/>Marking Label<br/>For BEST APPLICATION : DP2.5N Series, DP2.5N-3L-SPE, DPH2.5 Series, AK2.5 Series, DKES1.5N2, DKES1.5N3, DK2.5N Series, DKK2.5N Series, DK2.5N-3L Series AVAILABLE APPLICATION : DKES1.5, DK2.5-PE White color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                   |
|  | <p><b>SS11</b><br/>End Bracket<br/>For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                                                                                                                                                                                              |
|  | <p><b>TS-35</b><br/>DIN-Rail<br/>For DP / DK..N / DK.. / AK / DKB / DKU.. /DKM.. series. Material is iron. Length of 1000mm / 2000mm.</p>                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                     | <p><b>0208-E002</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|                                                                                     |                                                                                                                               |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|    | <p>Spacer</p> <p>For DP4N Series, DPP4N Series Red color. Using UL94-V0 class of insulation material.</p>                     |
|    | <p>TS-35/15</p> <p>DIN-Rail</p> <p>For DK / DK-PE series. Material is iron. Length of 1000mm / 2000mm.</p>                    |
|     | <p>TS-35C</p> <p>DIN rail end cap</p> <p>For TS-35 rail. Black color. Using UL94-V2 class of insulation material.</p>         |
|    | <p>0208-T002</p> <p>Test Plug</p> <p>For DP4N Series, DPP4N Series Red color. Using UL94-V0 class of insulation material.</p> |
|  | <p>TM-R100</p> <p>Continuous Flat Marking Labels</p>                                                                          |
|  | <p>TM-R200</p> <p>Continuous Flat Marking Labels</p>                                                                          |
|  | <p>DP4C-3L-SPE</p> <p>End Cover</p> <p>For DP4N-3L-SPE Beige color. Using UL94-V0 class of insulation material.</p>           |
|  | <p>SS7N</p> <p>End Bracket</p> <p>For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.</p>     |
|                                                                                     | <p>SS4N</p>                                                                                                                   |



#### End Bracket

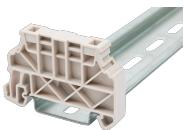
For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.



#### SS13

##### End Bracket

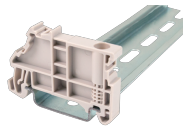
For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.



#### SS5N

##### End Bracket

For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.



#### SS2N

##### End Bracket

For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.