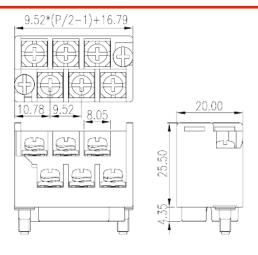


# **4DSDAN-XX**

Barrier Terminal Blocks > Pluggable

Date:2025-11-04





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**

Pitch: 9.52mm, 300V, 15A

#### General information

| Short description   | Pluggable, Screw Connection |
|---------------------|-----------------------------|
| Category            | Pluggable                   |
| Pitch (mm)          | 9.52                        |
| Color               | Black (default)             |
| Connection method   | Screw connection            |
| Type of locking     | With screw flange           |
| Length (mm)         | 9.52*(P/2-1)+16.79          |
| Width (mm)          | 20                          |
| Height (mm)         | 29.85                       |
| Number of positions | 08P~36P                     |
| Level               | Bi-level                    |
| Connection points   | 8~36                        |

## Material information

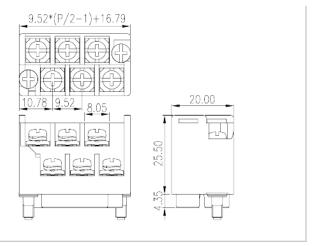
| Insulation material       | PBT  |
|---------------------------|------|
| Insulation material group | IIIa |



| Flame retardant rating , compliant with UL94              | V0                 |
|---|--------------------|
| Insulation resistance                                     | □1000MΩ at DC 500V |
| Conductor material  | COPPER ALLOY       |
| Plating of conductor surface                              | Au PLATED          |
| Connection data-IEC                                       |                    |
| Rated voltage (V)   | 320                |
| Rated current (A)   | 24                 |
| Rated voltage (II/2)(V)                                   | 320                |
| Rated voltage (III/2) (V)                                 | 320                |
| Rated voltage (III/3)(V)                                  | 200                |
| Rated impulse voltage (II/2)(KV)                          | 4                  |
| Rated impulse voltage (III/2)(KV)                         | 4                  |
| Rated impulse voltage (III/3)(KV)                         | 4                  |
| Conductor cross section solid. min (mm²)                  | 0.75               |
| Conductor cross section solid.max (mm²)                   | 2.5                |
| Conductor cross section stranded. min (mm²)               | 0.75               |
| Conductor cross section stranded. max (mm²)               | 2.5                |
| 2 conductors with same cross section, solid, min (mm²)    | 0.75               |
| 2 conductors with same cross section, solid, max (mm²)    | 1.5                |
| 2 conductors with same cross section, stranded, min (mm²) | 0.75               |
| 2 conductors with same cross section, stranded, max (mm²) | 1.5                |
| Screw thread  | M3.5               |
| Slotted screwdriver size (Blade thickness x Width)(mm)    | 1x5.5              |
| Philips screwdriver size                                  | PH2                |
| Recommend tightening torque. min (N.m)                    | 0.8                |
| Recommend tightening torque. max (N.m)                    | 1                  |
| Tightening torque with flange. max (N.m)                  | 0.5                |
| Stripping Length (mm)                                     | 8~9                |
| Connection data-UL  |                    |
| Rated voltage (UL/CUL Group B)(V)                         | 300                |
| Rated current (UL/CUL Group B)(A)                         | 15                 |
| Rated voltage (UL/CUL Group D)(V)                         | 300                |

| Rated current (UL/CUL Group D)(A)                     | 10           |
|---|--------------|
| Min. solid wire connection (AWG) acc. to UL/CUL       | 18           |
| Max. solid wire connection AWG acc. to UL/CUL         | 14           |
| Min. stranded wire connection AWG acc. to UL/CUL      | 18           |
| Max. stranded wire connection AWG acc. to UL/CUL      | 14           |
| Environment & Safety                                  |              |
| Back of the hand protection (YES or NO)               | YES          |
| Operating temperature. max (°C)                       | 120          |
| Operating temperature. min (°C)                       | -40          |
| JL Recognized   |              |
| Wire Range (Group B)(AWG)                             | 18~14        |
| Rated voltage (Group B)(V)                            | 300          |
| Rated current (Group B)(A)                            | 15           |
| Wire Range (Group D)(AWG)                             | 18~14        |
| Rated voltage (Group D)(V)                            | 300          |
| Rated current (Group D)(A)                            | 10           |
| CUL Recognized  |              |
| Wire Range (Group B)(AWG)                             | 18~14        |
| Rated voltage (Group B)(V)                            | 300          |
|   | 15           |
| Rated current (Group B)(A)                            |              |
| Rated current (Group B)(A) Wire Ranget (Group D)(AWG) | 18~14        |
| 1               | 18~14<br>300 |

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## Approvals







