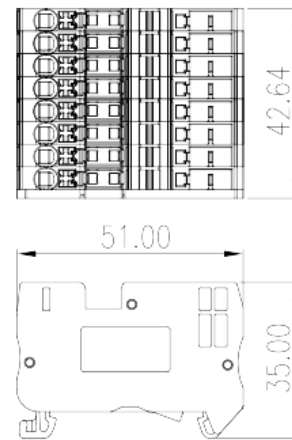


# DPES2.5QK02

DIN Rail Terminal Blocks > Push-in Design

Date:2024-12-06



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, 20A, Beige (default)

## General information

|                     |                                                   |
|---------------------|---------------------------------------------------|
| Short description   | Plug-in Connection Terminal Block, Push-in Design |
| Category            | Plug-in Connection Terminal Block                 |
| Pitch (mm)          | 5.08                                              |
| Color               | Beige (default)                                   |
| Connection method   | Push-in Design                                    |
| Type of locking     | Rail Mounting                                     |
| Length (mm)         | 42.6                                              |
| Width (mm)          | 60                                                |
| Height (mm)         | 84                                                |
| Number of positions | 8                                                 |
| Level               | Single level                                      |
| Connection points   | 16                                                |

## 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)                                                                                       | 24      |
| Rated voltage (III/3)(V)                                                                                | 800     |
| Rated impulse voltage (III/3)(KV)                                                                       | 8       |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                   | 0.14    |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                    | 4       |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                | 0.14    |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                | 2.5     |
| 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> )            | 2.5     |
| 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> )               | 2.5     |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 0.5     |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 0.5     |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                  | 0.6x3.5 |
| Stripping Length (mm)                                                                                   | 9~10    |
| Mounting rail                                                                                           | TS-35   |
| End cover plate required                                                                                | YES     |
| Grounding connections                                                                                   | NO      |

## Connection data-UL

|                                                  |     |
|--------------------------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V)                | 600 |
| Rated current (UL/CUL Group B)(A)                | 20  |
| Rated voltage (UL/CUL Group C)(V)                | 600 |
| Rated current (UL/CUL Group C)(A)                | 20  |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 26  |
| Max. solid wire connection AWG acc. to UL/CUL    | 12  |
| Min. stranded wire connection AWG acc. to UL/CUL | 26  |

Max. stranded wire connection AWG acc. to UL/CUL

12

## 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 |

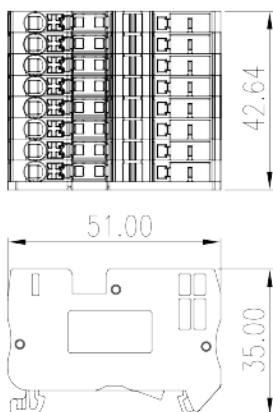
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 26~12 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 20    |
| Wire Range (Group C)(AWG)  | 26~12 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 20    |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 26~12 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 20    |
| Wire Range (Group C)(AWG)  | 26~12 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 20    |

## Drawings



## Approvals

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