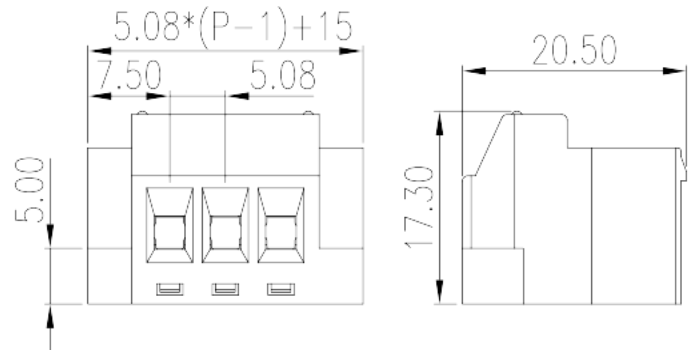


# 2EHDRSM-XXP

PCB Terminal Blocks &gt; Special Type Terminal Blocks

Date:2025-08-16Version:V1



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: 5.08 mm, 300V, 12/15A

## General information

|                     |  |
|---------------------|--|
| Short description   | Special type terminal blocks, Screw connection |
| Category            | Special type terminal blocks                   |
| Pitch (mm)          | 5.08   |
| Color               | Green (default)                                |
| Connection method   | Screw connection                               |
| Type of locking     | With lock flange                               |
| Length (mm)         | $5.08*(P-1)+15$                                |
| Width (mm)          | 20.50  |
| Height (mm)         | 17.3   |
| Number of positions | 02~20P   |

## Material information

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

Plating of conductor surface

Tin PLATED

## Connection data-IEC

|   |         |
|---|---------|
| Rated voltage (V)   | 630     |
| Rated current (A)   | 18      |
| Rated voltage (II/2)(V)   | 600     |
| Rated voltage (III/2) (V)   | 320     |
| Rated voltage (III/3)(V)  | 250     |
| 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 (mm <sup>2</sup> )   | 0.5     |
| Conductor cross section solid.max (mm <sup>2</sup> )  | 2.5     |
| Conductor cross section stranded. min (mm <sup>2</sup> )  | 0.5     |
| 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> )                 | 1.5     |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | 1.5     |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | 1.5     |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 0.25    |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 0.75    |
| 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> )   | 1.5     |
| Screw thread  | M2.5    |
| Slotted screwdriver size (Blade thickness x Width)(mm)  | 0.6x3.5 |
| Philips screwdriver size  | PH1     |
| Rated torque (N.m)  | 0.75    |
| Stripping Length (mm)   | 7~8     |

## Connection data-UL

|                                   |       |
|-----------------------------------|-------|
| Rated voltage (UL/CUL Group B)(V) | 300   |
| Rated current (UL/CUL Group B)(A) | 12/15 |

## Environment & Safety

|   |     |
|---|-----|
| Back of the hand protection (YES or NO) | YES |
| Finger protection (YES or NO)           | YES |
| Operating temperature. max (°C)         | 115 |
| Operating temperature. min (°C)         | -40 |

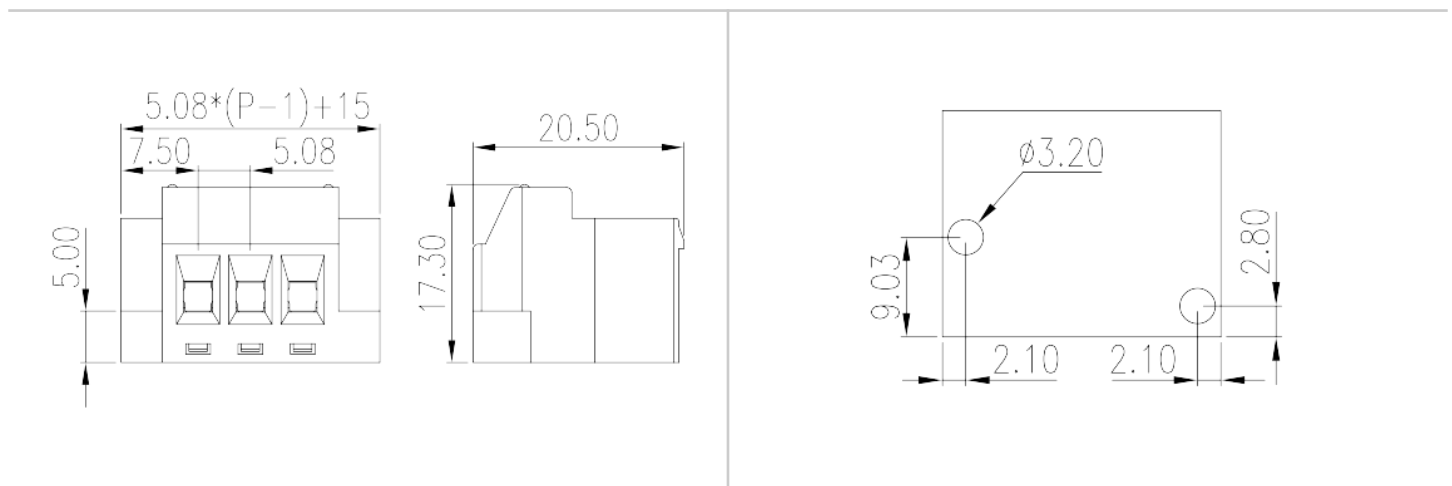
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~12 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 12/15 |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~12 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 12/15 |

## Drawings



## Approvals

