



**PTR HARTMANN**

A Phoenix Mecano Company

## Technical Data // FRD2.5-EL=D4

Push-In Type | Through Terminal Block  
2x2 Connections



### Wire Sizes

|                           |                     |
|---------------------------|---------------------|
| Solid min                 | 0.2 mm <sup>2</sup> |
| Solid max                 | 4.0 mm <sup>2</sup> |
| Stranded (flexible) min   | 0.2mm <sup>2</sup>  |
| Stranded (flexible) max   | 4.0 mm <sup>2</sup> |
| Stranded with ferrule min | 0.2 mm <sup>2</sup> |
| Stranded with ferrule max | 2.5 mm <sup>2</sup> |
| Clamping range min        | 0.2mm <sup>2</sup>  |
| Clamping range max        | 4.0 mm <sup>2</sup> |

### Insulating Material

|                    |           |
|--------------------|-----------|
| Material           | PA 6.6    |
| Flammability class | UL 94 V-0 |

### Temperatures

|                     |              |
|---------------------|--------------|
| Working temperature | -40 - 120 °C |
|---------------------|--------------|

### Dimensions

|                                          |         |
|------------------------------------------|---------|
| Stripped length                          | 12.0 mm |
| Width                                    | 5.1 mm  |
| Length                                   | 75.4 mm |
| Height TS35 x 7.5                        | 53.0 mm |
| Height TS35 x 7.5 with labelling adapter | 66.0 mm |

### ELECTRICAL DATA

#### General

|                           |   |
|---------------------------|---|
| Cross connection channels | 2 |
|---------------------------|---|

#### Diodes

|                       |         |
|-----------------------|---------|
| Diode type            | 1N4007  |
| Diode reverse voltage | 1.000 V |
| Diode current         | 1 A     |

### COLOURS

|                                                                                     |                         |
|-------------------------------------------------------------------------------------|-------------------------|
|  | BEIGE, similar RAL 1019 |
|-------------------------------------------------------------------------------------|-------------------------|



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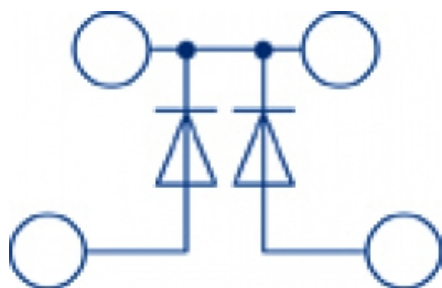
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### CONNECTION DIAGRAM



### ORDER DATA

| Article Designation | Article Number | PU  |
|---------------------|----------------|-----|
| FRD2.5-EL=D4-BE     | 43255.2        | 100 |

### ACCESSOIRES

| Article Designation                  | Article Number | PU  |
|--------------------------------------|----------------|-----|
| End Plate FAPD2.5                    | 493423.2       | 20  |
| Cross-Connection insulated FQI2.5/2  | 493462.8       | 50  |
| Cross-Connection insulated FQI2.5/3  | 493463.8       | 50  |
| Cross-Connection insulated FQI2.5/4  | 493464.8       | 20  |
| Cross-Connection insulated FQI2.5/5  | 493465.8       | 20  |
| Cross-Connection insulated FQI2.5/6  | 493466.8       | 20  |
| Cross-Connection insulated FQI2.5/7  | 493467.8       | 20  |
| Cross-Connection insulated FQI2.5/8  | 493468.8       | 10  |
| Cross-Connection insulated FQI2.5/9  | 493469.8       | 10  |
| Cross-Connection insulated FQI2.5/10 | 493460.8       | 10  |
| Labelling Adapters FBA1              | 493424.2       | 50  |
| Four-Way Covers FAD2.5/4/B           | 493426.8       | 20  |
| End Stopn ZES35/2                    | 493811.2       | 50  |
| Quick Labelling PSB5/50              | 494600.7       | 500 |

### RATINGS

| Ratings               | cCSAus    | IEC     |
|-----------------------|-----------|---------|
| Rated voltage         |           |         |
| Rated current         |           |         |
| Rated wire size       | AWG 26-12 | 2.5 mm² |
| Rated impulse voltage |           | 6 kV    |
| Pollution degree      |           | 3       |