



**PTR HARTMANN**

A Phoenix Mecano Company

## Technical Data // ZRD2.5-PE-L-ZBA

Tension Spring Type | Transit / protective conductor terminal  
2x2 Connections



### Wire Sizes

|                           |                     |
|---------------------------|---------------------|
| Solid min                 | 0.5 mm <sup>2</sup> |
| Solid max                 | 4.0 mm <sup>2</sup> |
| Stranded (flexible) min   | 0.5mm <sup>2</sup>  |
| Stranded (flexible) max   | 4.0 mm <sup>2</sup> |
| Stranded with ferrule min | 0.5 mm <sup>2</sup> |
| Stranded with ferrule max | 2.5 mm <sup>2</sup> |

### Insulating Material

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

### Temperatures

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

### Dimensions

|                                          |         |
|------------------------------------------|---------|
| Width                                    | 5.1 mm  |
| Length                                   | 83.6 mm |
| Height TS35 x 7.5 with labelling adapter | 64.0 mm |

### ELECTRICAL DATA

#### General

|                           |   |
|---------------------------|---|
| Cross connection channels | 1 |
| Test pick off             | 4 |

### COLOURS

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



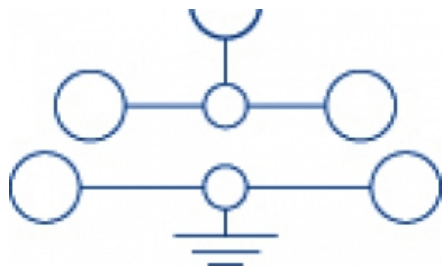
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### CONNECTION DIAGRAM



### ORDER DATA

| Article Designation   | Article Number | PU  |
|-----------------------|----------------|-----|
| ZRD2.5-PE-L-ZBA-BEIGE | 43578.2        | 100 |

### ACCESSOIRES

| Article Designation                      | Article Number | PU  |
|------------------------------------------|----------------|-----|
| End Plate ZAPD2.5                        | 493756.2       | 20  |
| Cross-Connection insulated ZQI2.5/2      | 493710.8       | 50  |
| Cross-Connection insulated ZQI2.5/3      | 493711.8       | 50  |
| Cross-Connection insulated ZQI2.5/4      | 493712.8       | 20  |
| Cross-Connection insulated ZQI2.5/5      | 493713.8       | 20  |
| Cross-Connection insulated ZQI2.5/6      | 493714.8       | 20  |
| Cross-Connection insulated ZQI2.5/7      | 493715.8       | 20  |
| Cross-Connection insulated ZQI2.5/8      | 493716.8       | 10  |
| Cross-Connection insulated ZQI2.5/9      | 493717.8       | 10  |
| Cross-Connection insulated ZQI2.5/10     | 493718.8       | 10  |
| Cross-Connection insulated ZQI2.5/0.5/99 | 493719.8       | 1   |
| Four-Way Covers ZAD2.5/4/B               | 493706.0       | 20  |
| Labelling Adapters ZBA1                  | 493745.2       | 20  |
| End Stopn ZES35                          | 493748.2       | 50  |
| Test Adapter ZTA2.5                      | 493740.2       | 10  |
| Quick Labelling PSB5/50                  | 494600.7       | 500 |

### RATINGS

| Ratings               | CSA       | CSAus     | IEC                 |
|-----------------------|-----------|-----------|---------------------|
| Rated voltage         | 300 V     | 300 V     | 500 V               |
| Rated current         | 10 A      | 10 A      | 24 A                |
| Rated wire size       | AWG 20-12 | AWG 20-12 | 2.5 mm <sup>2</sup> |
| Rated impulse voltage |           |           | 6 kV                |
| Pollution degree      |           |           | 3                   |