

## ■ FEED-THROUGH TERMINALS ZR

### TENSION SPRING PRINCIPLE

### CONNECTION DIAGRAM

#### DESIGNATION

##### DIMENSION (L x B x H)

with TS 15 mm

with TS 15 (height incl. labelling adapter) mm

with TS 35 x 7,5 mm

with TS 35 x 7,5 (height incl. labelling adapter) mm

##### TYPE

Type • Colour

Cat. no. • PU

Type • Colour

Cat. no. • PU

Type • Colour

Cat. no. • PU

##### RATINGS

Rated voltage V

Rated current A

Rated wire size mm<sup>2</sup> • AWG

Test voltage kV • Contamination degree

Gauge plug acc. to EN 60947-1 • Flammability class UL 94

##### CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm<sup>2</sup>

Flexible • Flexible (with ferrules acc. to DIN 46228/1) mm<sup>2</sup>

Contact wire range mm<sup>2</sup>

Insulation stripping length mm

##### FEATURES

Number of cross connection channels

Test checking possibilities

##### ACCESSORIES

End plate ZAP

Cat. no. • PU beige

Cat. no. • PU blue

Cat. no. • PU orange

Insulated cross connector ZQI 2 poles

Cat. no. • PU

Insulated cross connector ZQI 3 poles

Cat. no. • PU

Insulated cross connector ZQI 4 poles

Cat. no. • PU

Insulated cross connector ZQI 5 poles

Cat. no. • PU

Insulated cross connector ZQI 6 poles

Cat. no. • PU

Insulated cross connector ZQI 7 poles

Cat. no. • PU

Insulated cross connector ZQI 8 poles

Cat. no. • PU

Insulated cross connector ZQI 9 poles

Cat. no. • PU

Insulated cross connector ZQI 10 poles

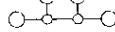
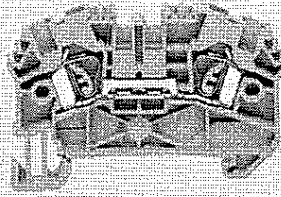
Cat. no. • PU

Insulated cross connector ZQI 99 poles

Cat. no. • PU

##### ACCESSORIES

Further accessories like labelling systems, covers, end brackets, etc. (page →)



### ZR 2.5

59 x 5,1 x 39

ZR 2.5 BEIGE

43500.2 • 100

ZR 2.5 BLUE

43500.5 • 100

ZR 2.5 ORANGE

3500.3 • 100

IEC 800 UL 300 CSA 600

24 27 27

2,5 • 20-12

8 • 3

A3 • V0

0,5-4 • -

0,5-4 • 0,5-2,5

0,08-4

10

2

2

ZAP 2 5/2A

493700.2 • 50

493700.5 • 50

493700.3 • 50

ZQI 2 5/2

493710.8 • 50

ZQI 2 5/3

493711.8 • 50

ZQI 2 5/4

493712.8 • 20

ZQI 2 5/5

493713.8 • 20

ZQI 2 5/6

493714.8 • 20

ZQI 2 5/7

493715.8 • 20

ZQI 2 5/8

493716.8 • 10

ZQI 2 5/9

493717.8 • 10

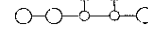
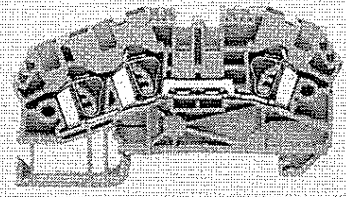
ZQI 2 5/10

493718.8 • 10

ZQI 2 5/0 5/99

493719.8 • 1

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### ZR 2.5-DR

73,1 x 5,1 x 39

ZR 2.5-DR BEIGE

43501.2 • 100

ZR 2.5-DR BLUE

43501.5 • 100

ZR 2.5-DR ORANGE

43501.3 • 100

IEC 800 UL 600 CSA 600

24 27 27

2,5 • 20-12

8 • 3

A3 • V0

0,5-4 • -

0,5-4 • 0,5-2,5

0,08-4

10

2

2

ZAP 2 5/3A

493701.2 • 50

493701.5 • 50

493701.3 • 50

ZQI 2 5/2

493710.8 • 50

ZQI 2 5/3

493711.8 • 50

ZQI 2 5/4

493712.8 • 20

ZQI 2 5/5

493713.8 • 20

ZQI 2 5/6

493714.8 • 20

ZQI 2 5/7

493715.8 • 20

ZQI 2 5/8

493716.8 • 10

ZQI 2 5/9

493717.8 • 10

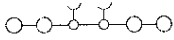
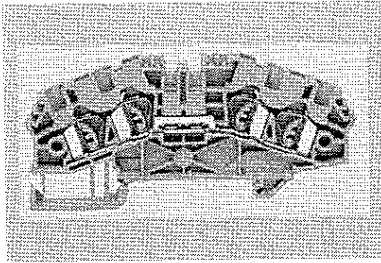
ZQI 2 5/10

493718.8 • 10

ZQI 2 5/0 5/99

493719.8 • 1

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## ZR 2.5-DRL

83,6 x 5,1 x 39

ZR 2.5-DRL BEIGE  
43502.2 • 100

ZR 2.5-DRL BLUE  
43502.5 • 100

ZR 2.5-DRL ORANGE  
43502.3 • 100

| IEC         | UL  | CSA |
|-------------|-----|-----|
| 800         | 600 | 600 |
| 24          | 27  | 27  |
| 2,5 • 20-12 |     |     |
| 8 • 3       |     |     |
| A3 • V0     |     |     |

0,5-4 • -

0,5-4 • 0,5-2,5

0,08-4

10

2

2

ZAP 2 5/4A

493702.2 • 50

493702.5 • 50

493702.3 • 50

ZQI 2 5/2

493710.8 • 50

ZQI 2 5/3

493711.8 • 50

ZQI 2 5/4

493712.8 • 20

ZQI 2 5/5

493713.8 • 20

ZQI 2 5/6

493714.8 • 20

ZQI 2 5/7

493715.8 • 20

ZQI 2 5/8

493716.8 • 10

ZQI 2 5/9

493717.8 • 10

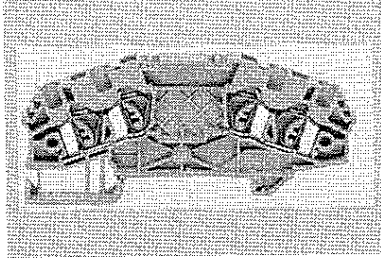
ZQI 2 5/10

493718.8 • 10

ZQI 2 5/0.5/99

493719.8 • 1

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## ZR 2.5-DRL-T

83,6 x 5,1 x 39

ZR 2.5-DRL-T BEIGE  
43503.2 • 100

ZR 2.5-DRL-T BLUE  
43503.5 • 100

ZR 2.5-DRL-T ORANGE  
43503.3 • 100

| IEC         | UL  | CSA |
|-------------|-----|-----|
| 800         | 600 | 600 |
| 24          | 27  | 27  |
| 2,5 • 20-12 |     |     |
| 8 • 3       |     |     |
| A3 • V0     |     |     |

0,5-4 • -

0,5-4 • 0,5-2,5

0,08-4

10

2

ZAP 2 5/4A

493702.2 • 50

493702.5 • 50

493702.3 • 50

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## TENSION SPRING PRINCIPLE

## CONNECTION DIAGRAM

### DESIGNATION

#### DIMENSION (L x B x H)

with TS 35 x 7.5 mm

#### TYPE

Type • Colour

Cat. no. • PU

Type • Colour

Cat. no. • PU

Type • Colour

Cat. no. • PU

#### RATINGS

Rated voltage V

Rated current A

Rated wire size mm<sup>2</sup> • AWG

Test voltage kV • Contamination degree

Gauge plug acc. to EN 60947-1 • Flammability class UL 94

#### CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm<sup>2</sup>

Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm<sup>2</sup>

Contact wire range mm<sup>2</sup>

Insulation stripping length mm

#### FEATURES

Number of cross connection channels

Test checking possibilities

#### ACCESSORIES

End plate ZAP

Cat. no. • PU beige

Cat. no. • PU blue

Cat. no. • PU orange

Holding plate TW

Cat. no. • PU beige

Cat. no. • PU blue

Cat. no. • PU orange

Insulated cross connector ZQI

2 poles

Cat. no. • PU

Insulated cross connector ZQI

3 poles

Cat. no. • PU

Insulated cross connector ZQI

4 poles

Cat. no. • PU

Insulated cross connector ZQI

5 poles

Cat. no. • PU

Insulated cross connector ZQI

6 poles

Cat. no. • PU

Insulated cross connector ZQI

7 poles

Cat. no. • PU

Insulated cross connector ZQI

8 poles

Cat. no. • PU

Insulated cross connector ZQI

9 poles

Cat. no. • PU

Insulated cross connector ZQI

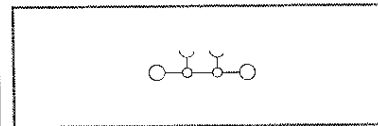
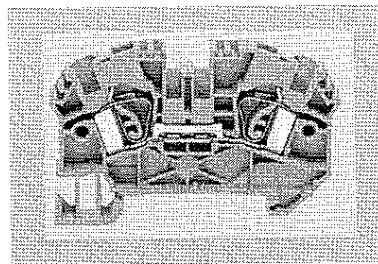
10 poles

Cat. no. • PU

#### ACCESSORIES

Further accessories like labelling systems, covers, end brackets, etc. (page →)

## FEED-THROUGH TERMINALS ZR



### ZR 4

64 x 6.1 x 42

ZR 4 BEIGE

43515.2 • 100

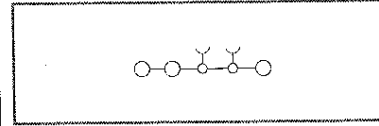
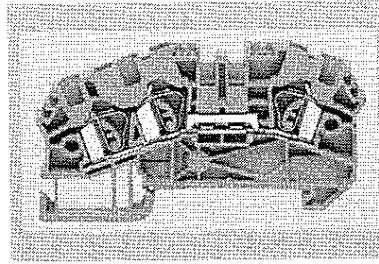
ZR 4 BLUE

43515.5 • 100

ZR 4 ORANGE

43515.3 • 100

| IE        | UL  | CSA |
|-----------|-----|-----|
| 800       | 600 | 600 |
| 32        | 35  | 35  |
| 4 • 20-10 |     |     |
| 8 • 3     |     |     |
| A4 • V0   |     |     |



### ZR 4-DR

78.5 x 6.1 x 42

ZR 4-DR BEIGE

43516.2 • 100

ZR 4-DR BLUE

43516.5 • 100

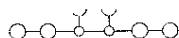
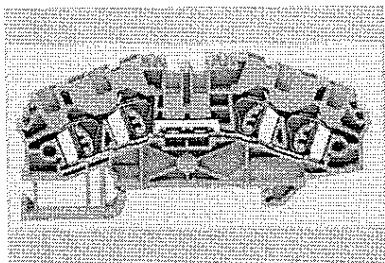
ZR 4-DR ORANGE

43516.3 • 100

| IEC       | UL  | CSA |
|-----------|-----|-----|
| 800       | 600 | 600 |
| 32        | 35  | 35  |
| 4 • 20-10 |     |     |
| 8 • 3     |     |     |
| A4 • V0   |     |     |

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## ZR 4-DRL

93 x 6.1 x 42

ZR 4-DRL BEIGE

**43517.2 • 100**

ZR 4-DRL BLUE

**43517.5 • 100**

ZR 4-DRL ORANGE

**43517.3 • 100**

| IEC | UL  | CSA |
|-----|-----|-----|
| 800 | 600 | 600 |
| 32  | 35  | 35  |

4 • 20-10

8 • 3

A4 • V0

0,5-6 • -

0,6-6 • 0,5-4

0,08-6

12

2

2

ZAP 4/4 A

**493705.2 • 50**

**493705.5 • 50**

**493705.3 • 50**

TWMP

**492957.2 • 20**

**492957.5 • 20**

**492957.3 • 20**

ZQI 4/2

**493720.8 • 50**

ZQI 4/3

**493721.8 • 50**

ZQI 4/4

**493722.8 • 20**

ZQI 4/5

**493723.8 • 20**

ZQI 4/6

**493724.8 • 20**

ZQI 4/7

**493725.8 • 20**

ZQI 4/8

**493726.8 • 10**

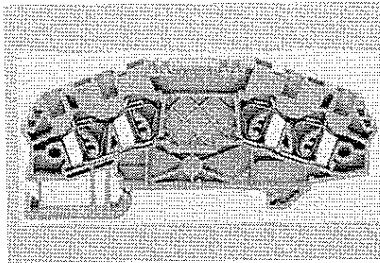
ZQI 4/9

**493727.8 • 10**

ZQI 4/10

**493728.8 • 10**

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## ZR 4-DRL-T

93 x 6.1 x 42

ZR 4-DRL-T BEIGE

**43518.2 • 100**

ZR 4-DRL-T BLUE

**3518.5 • 100**

ZR 4-DRL-T ORANGE

**3518.3 • 100**

| IEC | UL  | CSA |
|-----|-----|-----|
| 800 | 600 | 600 |
| 32  | 35  | 35  |

4 • 20-10

8 • 3

A4 • V0

0,5-6 • -

0,6-6 • 0,5-4

0,08-6

12

2

ZAP 4/4 A

**493705.2 • 50**

**493705.5 • 50**

**493705.3 • 50**

TWMP

**492957.2 • 20**

**492957.5 • 20**

**492957.3 • 20**

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## TENSION SPRING PRINCIPLE

## CONNECTION DIAGRAM

### DESIGNATION

#### DIMENSION (L x B x H)

with TS 35 x 7.5 mm

#### TYPE

Type • Colour

Cat. no. • PU

Type • Colour

Cat. no. • PU

Type • Colour

Cat. no. • PU

#### RATINGS

Rated voltage V

Rated current A

Rated wire size mm<sup>2</sup> • AWG

Test voltage kV • Contamination degree

Gauge plug acc. to EN 60947-1 • Flammability class UL 94

#### CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm<sup>2</sup>

Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm<sup>2</sup>

Contact wire range mm<sup>2</sup>

Insulation stripping length mm

#### FEATURES

Number of cross connection channels

Test checking possibilities

#### ACCESSORIES

End plate ZAP

Cat. no. • PU beige

Cat. no. • PU blue

Cat. no. • PU orange

Holding plate TW

Cat. no. • PU beige

Cat. no. • PU blue

Cat. no. • PU orange

Insulated cross connector ZQI 2 poles

Cat. no. • PU

Insulated cross connector ZQI 3 poles

Cat. no. • PU

Insulated cross connector ZQI 4 poles

Cat. no. • PU

Insulated cross connector ZQI 5 poles

Cat. no. • PU

Insulated cross connector ZQI 6 poles

Cat. no. • PU

Insulated cross connector ZQI 7 poles

Cat. no. • PU

Insulated cross connector ZQI 8 poles

Cat. no. • PU

Insulated cross connector ZQI 9 poles

Cat. no. • PU

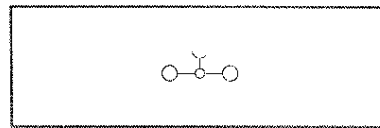
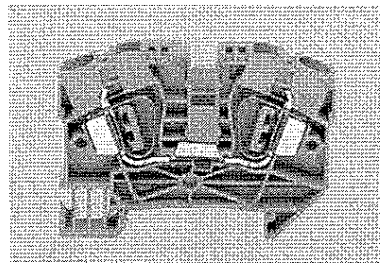
Insulated cross connector ZQI 10 poles

Cat. no. • PU

#### ACCESSORIES

Further accessories like labelling systems, covers, end brackets etc. (page →)

## FEED-THROUGH TERMINALS ZR



### ZR 6

65 x 8.1 x 47.5

ZR 6 BEIGE

43581.2 • 100

ZR 6 BLUE

43581.5 • 100

ZR 6 ORANGE

43581.3 • 100

IEC

UL

CSA

1000

600

600

41

50

50

6 • 22-8

8 • 3

A5 • V0

0.5-10 •

0.5-10 • 0.5-6

0.5-10

13

1

2

ZAP 6/2 A

493760.2 • 20

493760.5 • 20

493760.3 • 20

TWME

492957.2 • 20

492957.5 • 20

492957.3 • 20

ZQI 6/2

493763.8 • 50

ZQI 6/3

493764.8 • 50

ZQI 6/4

493765.8 • 20

ZQI 6/5

493766.8 • 20

ZQI 6/6

493767.8 • 20

ZQI 6/7

493768.8 • 20

ZQI 6/8

493769.8 • 10

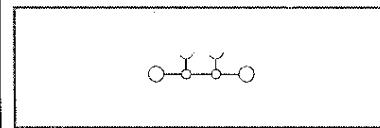
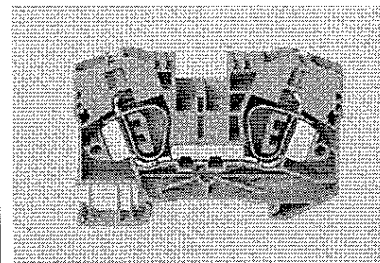
ZQI 6/9

493770.8 • 10

ZQI 6/10

493771.8 • 10

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### ZR 10

73.5 x 10.1 x 50.5

ZR 10 BEIGE

43597.2 • 80

ZR 10 BLUE

43597.5 • 80

ZR 10 ORANGE

43597.3 • 80

IEC

UL

CSA

1000

600

600

57

60

55

10 • 16-6

8 • 3

B6 • V0

1.5-16 • 1.5-16

1.5-10 • 1.5-10

1.5-16

18

2

2

ZAP 10/2 A

493788.2 • 20

493788.5 • 20

493788.3 • 20

TWME

492957.2 • 20

492957.5 • 20

492957.3 • 20

ZQI 10/2

493789.8 • 20

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## DOUBLE LEVEL TERMINALS ZRD

### TENSION SPRING PRINCIPLE

### CONNECTION DIAGRAM

#### DESIGNATION

##### DIMENSION (L x B x H)

with TS 35 x 7,5 mm

With TS 35 x 7,5 (height incl. labelling adapter) mm

##### TYPE

Type • Colour

Cat. no. • PU

Type • Colour

Cat. no. • PU

##### RATINGS

Rated voltage V

Rated current A

Rated wire size mm<sup>2</sup> • AWG

Test voltage kV • Contamination degree

Gauge plug acc. to EN 60947-1 • Flammability class UL 94

##### CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm<sup>2</sup>

Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm<sup>2</sup>

Contact wire range mm<sup>2</sup>

Insulation stripping length mm

##### FEATURES

Number of cross connection channels

Test checking possibilities

##### ACCESSORIES

End plate ZAP

Cat. no. • PU beige

Cat. no. • PU blue

Cat. no. • PU orange

Insulated cross connector ZQI 2 poles

Cat. no. • PU

Insulated cross connector ZQI 3 poles

Cat. no. • PU

Insulated cross connector ZQI 4 poles

Cat. no. • PU

Insulated cross connector ZQI 5 poles

Cat. no. • PU

Insulated cross connector ZQI 6 poles

Cat. no. • PU

Insulated cross connector ZQI 7 poles

Cat. no. • PU

Insulated cross connector ZQI 8 poles

Cat. no. • PU

Insulated cross connector ZQI 9 poles

Cat. no. • PU

Insulated cross connector ZQI 10 poles

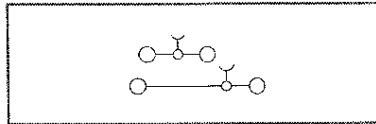
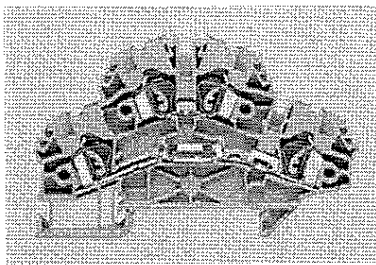
Cat. no. • PU

Insulated cross connector ZQI 99 poles

Cat. no. • PU

#### ACCESSORIES

Further accessories like labelling systems, covers, end brackets etc. (page →)



### ZRD 2.5

83,6 x 5,1 x 53

83,6 x 5,1 x 64

ZRD 2.5 BEIGE

43562.2 • 100

ZRD 2.5 BLUE

43562.5 • 100

| IEC | UL  | CSA |
|-----|-----|-----|
| 500 | 300 | 300 |
| 24  | 10  | 10  |

2,5 • 20-12

6 • 3

A3 • V0

0,5-4 • -

0,5-4 • 0,5-2,5

0,08-4

10

2

4

ZAPD 2.5

493756.2 • 20

493756.5 • 20

493756.3 • 20

ZQI 2.5/2

493710.8 • 50

ZQI 2.5/3

493711.8 • 50

ZQI 2.5/4

493712.8 • 20

ZQI 2.5/5

493713.8 • 20

ZQI 2.5/6

493714.8 • 20

ZQI 2.5/7

493715.8 • 20

ZQI 2.5/8

493716.8 • 10

ZQI 2.5/9

493717.8 • 10

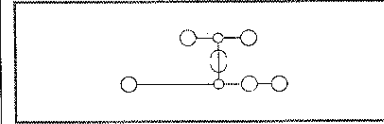
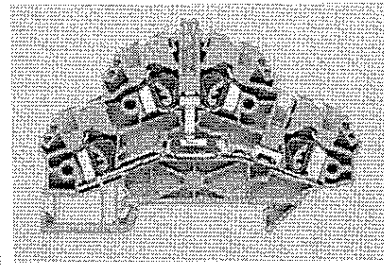
ZQI 2.5/10

493718.8 • 10

ZQI 2.5/0.5/99

493719.8 • 1

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### ZRD 2.5-V

83,6 x 5,1 x 53

83,6 x 5,1 x 64

ZRD 2.5-V BEIGE

3563.2 • 100

ZRD 2.5-V BLUE

3563.5 • 100

| IEC | UL  | CSA |
|-----|-----|-----|
| 500 | 300 | 300 |
| 24  | 10  | 10  |

2,5 • 20-12

6 • 3

A3 • V0

0,5-4 • -

0,5-4 • 0,5-2,5

0,08-4

10

1

4

ZAPD 2.5

493756.2 • 20

493756.5 • 20

493756.3 • 20

ZQI 2.5/2

493710.8 • 50

ZQI 2.5/3

493711.8 • 50

ZQI 2.5/4

493712.8 • 20

ZQI 2.5/5

493713.8 • 20

ZQI 2.5/6

493714.8 • 20

ZQI 2.5/7

493715.8 • 20

ZQI 2.5/8

493716.8 • 10

ZQI 2.5/9

493717.8 • 10

ZQI 2.5/10

493718.8 • 10

ZQI 2.5/0.5/99

493719.8 • 1

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## TENSION SPRING PRINCIPLE

## CONNECTION DIAGRAM

### DESIGNATION

**DIMENSION (L x B x H)**  
with TS 35 x 7.5 mm

### TYPE

Type • Colour

Cat. no. • PU

Type • Colour

Cat. no. • PU

### RATINGS

Rated voltage V

Rated current A

Rated wire size mm<sup>2</sup> • AWG

Test voltage kV • Contamination degree

Gauge plug acc. to EN 60947-1 • Flammability class UL 94

### CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm<sup>2</sup>

Flexible • Flexible (with terminals acc. to DIN 45 225/1) mm<sup>2</sup>

Contact wire range mm<sup>2</sup>

Insulation stripping length mm

### FEATURES

Number of cross connection channels

Test checking possibilities

### ACCESSORIES

End plate ZAP

Cat. no. • PU beige

Cat. no. • PU blue

Cat. no. • PU orange

Cat. no. • PU green

Insulated cross connector ZQI 2 poles

Cat. no. • PU

Insulated cross connector ZQI 3 poles

Cat. no. • PU

Insulated cross connector ZQI 4 poles

Cat. no. • PU

Insulated cross connector ZQI 5 poles

Cat. no. • PU

Insulated cross connector ZQI 6 poles

Cat. no. • PU

Insulated cross connector ZQI 7 poles

Cat. no. • PU

Insulated cross connector ZQI 8 poles

Cat. no. • PU

Insulated cross connector ZQI 9 poles

Cat. no. • PU

Insulated cross connector ZQI 10 poles

Cat. no. • PU

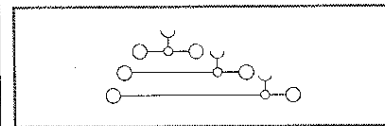
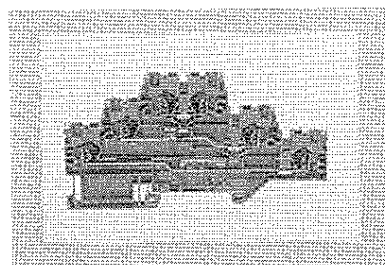
Insulated cross connector ZQI 99 poles

Cat. no. • PU

### ACCESSORIES

Further accessories like labelling systems, covers, end brackets, etc (page →)

## THREE LEVEL TERMINALS ZRID



### ZRID 2.5

116.2 x 5.1 x 68

ZRID 2.5 BEIGE

43590.2 • 50

ZRID 2.5 BLUE

43590.5 • 50

| IEC         | UL  | CSA |
|-------------|-----|-----|
| 500         | 300 | 300 |
| 24          | 15  | 15  |
| 2.5 • 20-12 |     |     |
| 6 • 3       |     |     |
| A3 • V0     |     |     |

0.5-4 • -

0.5-4 • 0.5-2.5

0.08-4

10

3

6

ZAP/ID 2.5

493761.2 • 20

493761.5 • 20

493761.3 • 20

ZQI 2.5/2

493710.8 • 50

ZQI 2.5/3

493711.8 • 50

ZQI 2.5/4

493712.8 • 20

ZQI 2.5/5

493713.8 • 20

ZQI 2.5/6

493714.8 • 20

ZQI 2.5/7

493715.8 • 20

ZQI 2.5/8

493716.8 • 10

ZQI 2.5/9

493717.8 • 10

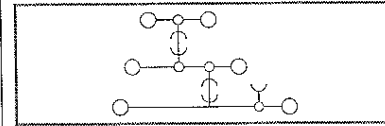
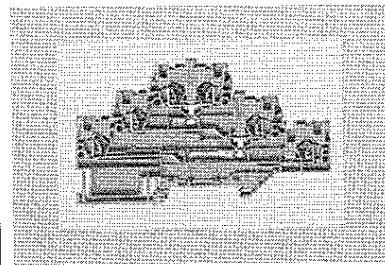
ZQI 2.5/10

493718.8 • 10

ZQI 2.5/0.5/99

493719.8 • 1

From page 179



### ZRID 2.5-V

116.2 x 5.1 x 68

ZRID 2.5-V BEIGE

43591.2 • 50

ZRID 2.5-V BLUE

43591.5 • 50

| IEC         | UL  | CSA |
|-------------|-----|-----|
| 500         | 300 | 300 |
| 24          | 15  | 15  |
| 2.5 • 20-12 |     |     |
| 6 • 3       |     |     |
| A3 • V0     |     |     |

0.5-4 • -

0.5-4 • 0.5-2.5

0.08-4

10

1

6

ZAP/ID 2.5

493761.2/20

493761.5/20

493761.3/20

ZQI 2.5/2

493710.8 • 50

ZQI 2.5/3

493711.8 • 50

ZQI 2.5/4

493712.8 • 20

ZQI 2.5/5

493713.8 • 20

ZQI 2.5/6

493714.8 • 20

ZQI 2.5/7

493715.8 • 20

ZQI 2.5/8

493716.8 • 10

ZQI 2.5/9

493717.8 • 10

ZQI 2.5/10

493718.8 • 10

ZQI 2.5/0.5/99

493719.8 • 1

From page 179

## EARTH TERMINALS ZRSL

### TENSION SPRING PRINCIPLE

### CONNECTION DIAGRAM

#### DESIGNATION

##### DIMENSION (L x B x H)

with TS 15 mm  
with TS 15 (the dist. incl. labelling adapter) mm  
with TS 35 x 7,5 mm  
with TS 35 x 7,5 (height incl. labelling adapter) mm

##### TYPE

Type • Colour  
Cat. no. • PU

##### RATINGS

Rated voltage V  
Rated current A  
Rated wire size mm<sup>2</sup> • AWG  
Test voltage kV • Contamination degree  
Gauge plug acc. to EN 60947-1 • Flammability class UL 94

##### CONNECTION DATA

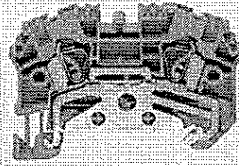
Single wire (solid) • Stranded (flexible) mm<sup>2</sup>  
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm<sup>2</sup>  
Contact wire range mm<sup>2</sup>  
Insulation stripping length mm

##### FEATURES

Number of cross connection channels  
Test checking possibilities

##### ACCESSORIES

End plate ZAP  
Cat. no. • PU green



### ZRSL 2.5

59 x 5,1 x 39

ZRSL 2.5 GREEN/YELLOW  
43510 2 • 100

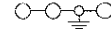
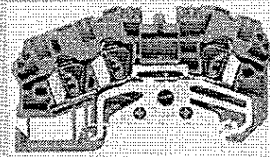
IEC UL CSA

2,5 • 20-12  
8 • 3  
A3 • V0

0,5-4 • -  
0,5-4 • 0,5-2,5  
0,08-4  
10

2

ZAP 2.5/2 A  
493700.1 • 50



### ZRSL 2.5-DR

71,3 x 5,1 x 39

ZRSL 2.5-DR GREEN/YELLOW  
43511.2 • 100

IEC UL CSA

2,5 • 20-12  
8 • 3  
A3 • V0

0,5-4 • -  
0,5-4 • 0,5-2,5  
0,08-4  
10

2

ZAP 2.5/3 A  
493701.1 • 50

#### ACCESSORIES

Further accessories like labelling systems,  
covers, end brackets, etc. (page ->)

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From page 179

## TENSION SPRING PRINCIPLE

## CONNECTION DIAGRAM

### DESIGNATION

#### DIMENSION (L x B x H)

with TS 15 mm

with TS 15 (height incl. labelling adapter) mm

with TS 35 x 7,5 mm

with TS 35 x 7,5 (height incl. labelling adapter) mm

#### TYPE

Type • Colour

Cat. no. • PU

#### RATINGS

Rated voltage V

Rated current A

Rated wire size mm<sup>2</sup> • AWG

Test voltage kV • Contamination degree

Gauge plug acc. to EN 60947-1 • Flammability class UL 94

#### CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm<sup>2</sup>

Flexible • Flexible (with ferrules acc. to DIN 46228(n)) mm<sup>2</sup>

Contact wire range mm<sup>2</sup>

Insulation stripping length mm

#### FEATURES

Number of cross connection channels

Test checking possibilities

#### ACCESSORIES

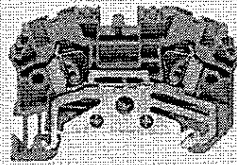
End plate ZAP

Cat. no. • PU green

#### ACCESSORIES

Further accessories like labelling systems, covers, end brackets, etc. (page →)

## EARTH TERMINALS ZRSL



### ZRSL 2.5

59 x 5,1 x 39

ZRSL 2.5 GREEN/YELLOW  
43510.2 • 100

IEC UL CSA

2,5 • 20-12

8 • 3

A3 • V0

0,5-4 • -

0,5-4 • 0,5-2,5

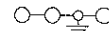
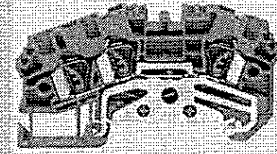
0,08-4

10

2

ZAP 2.5/2 A  
493700.1 • 50

From page 179



### ZRSL 2.5-DR

71,3 x 5,1 x 39

ZRSL 2.5-DR GREEN/YELLOW  
43511.2 • 100

IEC UL CSA

2,5 • 20-12

8 • 3

A3 • V0

0,5-4 • -

0,5-4 • 0,5-2,5

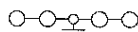
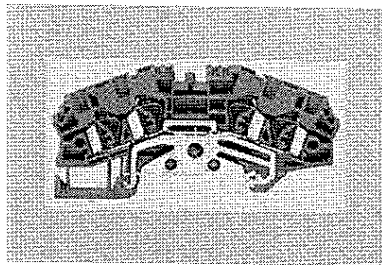
0,08-4

10

2

ZAP 2.5/3 A  
493701.1 • 50

From page 179



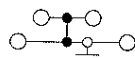
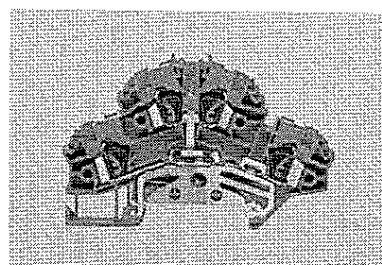
## ZRSL 2.5-DRL

83,6 x 5,1 x 39

ZRSL 2 5-DRL GREEN/YELLOW  
43512.2 • 100

| IEC                          | UL              | CSA     |
|------------------------------|-----------------|---------|
| 2,5 • 20-12                  | 8 • 3           | A3 • V0 |
| 0,5-4 • -                    | 0,5-4 • 0,5-2,5 | 0,08-4  |
| 10                           |                 |         |
| 2                            |                 |         |
| ZAP 2.5/4 A<br>493702.1 • 50 |                 |         |

From page 179



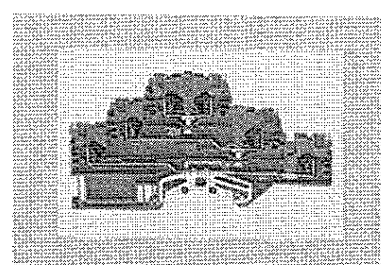
## ZRSLD 2.5

83,6 x 5,1 x 53

ZRSLD 2.5 GREEN/YELLOW  
43567.2 • 100

| IEC                       | UL              | CSA     |
|---------------------------|-----------------|---------|
| 2,5 • 20-12               | 6 • 3           | A3 • V0 |
| 0,5-4 • -                 | 0,5-4 • 0,5-2,5 | 0,08-4  |
| 10                        |                 |         |
| 4                         |                 |         |
| ZAPD 2.5<br>493756.1 • 20 |                 |         |

From page 179



## ZRID 2.5 SL

116,2 x 5,1 x 68

ZRID 2 5 SL GREEN/YELLOW  
43593.2 • 50

| IEC                         | UL              | CSA     |
|-----------------------------|-----------------|---------|
| 2,5 • 20-12                 | 6 • 3           | A3 • V0 |
| 0,5-4 • -                   | 0,5-4 • 0,5-2,5 | 0,08-4  |
| 10                          |                 |         |
| 6                           |                 |         |
| ZAP/ID 2.5<br>493761.1 • 20 |                 |         |

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## TENSION SPRING PRINCIPLE

## CONNECTION DIAGRAM

### DESIGNATION

#### DIMENSION (L x B x H)

with TS 35 x 7.5 mm

#### TYPE

Type • Colour  
Cat. no. • PU

#### RATINGS

Rated voltage V  
Rated current A  
Rated wire size mm<sup>2</sup> • AWG  
Test voltage kV • Contamination degree  
Gauge plug acc. to EN 60 947-1 • Flammability class UL 94

#### CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm<sup>2</sup>  
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm<sup>2</sup>  
Contact wire range mm<sup>2</sup>  
Insulation stripping length mm

#### FEATURES

Number of cross connection channels  
Test checking possibilities

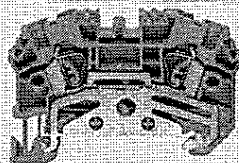
#### ACCESSORIES

End plate ZAP  
Cat. no. • PU beige

#### ACCESSORIES

Further accessories like labelling systems,  
covers, end brackets, etc (page →)

## EARTH TERMINALS ZRSL



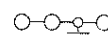
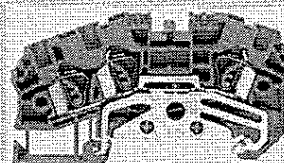
### ZRSL 4

64 x 6.1 x 42

ZRSL 4 GREEN/YELLOW  
43525.2 • 100

| IEC           | UL            | CSA     |
|---------------|---------------|---------|
| 4 • 20-10     | 8 • 3         | A4 • V0 |
| 0,5-6 • -     | 0,5-6 • 0,5-4 | 0,08-6  |
| 12            |               |         |
| 2             |               |         |
| ZAP 4/2 A     |               |         |
| 493703.1 • 50 |               |         |

From page 179



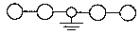
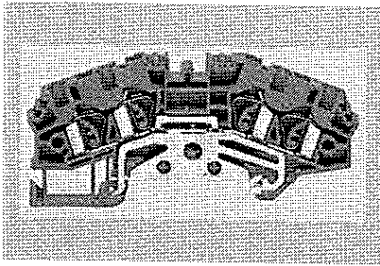
### ZRSL 4-DR

78.5 x 6.1 x 42

ZRSL 4-DR GREEN/YELLOW  
43526.2 • 100

| IEC           | UL            | CSA     |
|---------------|---------------|---------|
| 4 • 20-10     | 8 • 3         | A4 • V0 |
| 0,5-6 • -     | 0,5-6 • 0,5-4 | 0,08-6  |
| 12            |               |         |
| 2             |               |         |
| ZAP 4/3 A     |               |         |
| 493704.1 • 50 |               |         |

From page 179



## ZRSL 4-DRL

93 x 6,1 x 42

ZRSL 4-DRL GREEN/YELLOW  
43527.2 • 100

IEC    UL    CSA

4 • 20-10

8 • 3

A4 • V0

0,5-6 • -

0,5-6 • 0,5-4

0,08-6

12

2

ZAP 4/4 A  
493705.1 • 50

## TENSION SPRING PRINCIPLE

## CONNECTION DIAGRAM

### DESIGNATION

**DIMENSION (L x B x H)**  
with TS 35 x 7,5 mm

### TYPE

Type • Colour  
Cat. no. • PU

### RATINGS

Rated voltage V  
Rated current A  
Rated wire size mm<sup>2</sup> • AWG  
Test voltage kV • Contamination degree  
Gauge plug acc. to EN 60 947-1 • Flammability class UL 94

### CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm<sup>2</sup>  
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm<sup>2</sup>  
Contact wire range mm<sup>2</sup>  
Insulation stripping length mm

### FEATURES

Number of cross connection channels  
Test checking possibilities

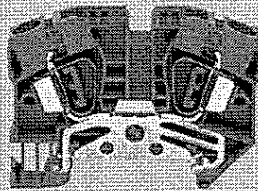
### ACCESSORIES

End plate ZAP  
Cat. no. • PU green

### ACCESSORIES

Further accessories like labelling systems,  
covers, end brackets, etc (page →)

## EARTH TERMINALS ZRSL



### ZRSL 6

65 x 8.1 x 47.5

ZRSL 6 GREEN/YELLOW  
43589.2 • 100

IEC UL CSA

6 • 22-8

8 • 3

A5 • V0

0,5-10 • -

0,5-10 • 0,5-6

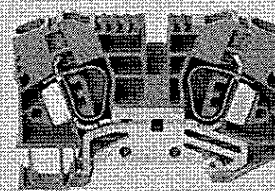
0,05-10

13

2

ZAP 6/2A  
493760.1 • 20

From page 179



### ZRSL 10

73.5 x 10.1 x 50.5

ZRSL 10 GREEN/YELLOW  
43598.2 • 50

IEC UL CSA

10 • 16-6

8 • 3

B6 • V0

1,5-16 • 1,5-16

1,5-10 • 1,5-10

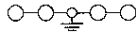
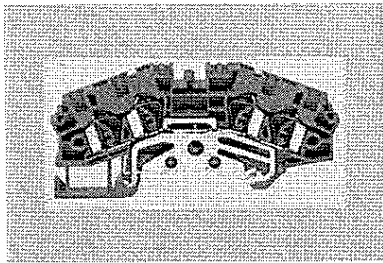
1,5-16

18

2

ZAP 10/2A  
493788.1 • 20

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## ZRSL 2.5-DRL

83,6 x 5,1 x 39

ZRSL 2 5-DRL GREEN/YELLOW  
43512.2 • 100

IEC UL CSA

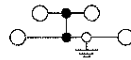
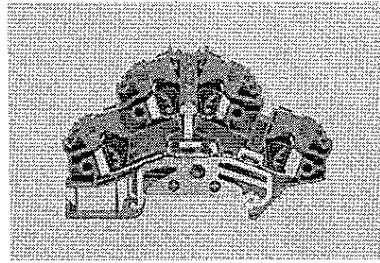
2,5 • 20-12  
8 • 3  
A3 • V0

0,5-4 • -  
0,5-4 • 0,5-2,5  
0,08-4  
10

2

ZAP 2.5/4 A  
493702.1 • 50

From page 179



## ZRSLD 2.5

83,6 x 5,1 x 53

ZRSLD 2.5 GREEN/YELLOW  
43567.2 • 100

IEC UL CSA

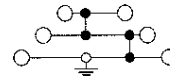
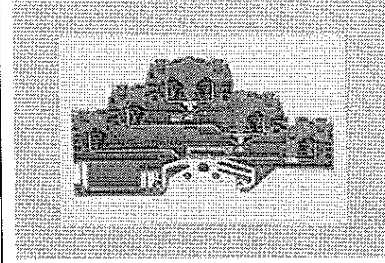
2,5 • 20-12  
6 • 3  
A3 • V0

0,5-4 • -  
0,5-4 • 0,5-2,5  
0,08-4  
10

4

ZAPD 2 5  
493756.1 • 20

From page 179



## ZRID 2.5 SL

116,2 x 5,1 x 68

ZRID 2 5 SL GREEN/YELLOW  
43593.2 • 50

IEC UL CSA

2,5 • 20-12  
6 • 3  
A3 • V0

0,5-4 • -  
0,5-4 • 0,5-2,5  
0,08-4  
10

6

ZAP/ID 2.5  
493761.1 • 20

From page 179



## ZRSL 2.5 N

43,5 x 5,1 x 36,5

ZRSL 2.5 N GREEN/YELLOW  
43584.2 • 100

IEC UL CSA

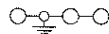
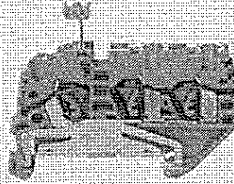
2,5 • 20-12  
8 • 3  
A3 • V0

0,5-4 • -  
0,5-4 • 0,5-2,5  
0,08-4  
10

2

ZAP SR  
493757.1 • 50

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## ZRSL 2.5 N-DR

55 x 5,1 x 36,5  
55 x 5,1 x 46,5

ZRSL 2.5 N-DR GREEN/YELLOW  
43602.2 • 100

IEC UL CSA

2,5 • 20-12  
8 • 3  
A3 • V0

0,5-4 • -  
0,5-4 • 0,5-2,5  
0,08-4  
10

3

ZAP SR 3A/35  
493795.1 • 50

From page 179

## TENSION SPRING PRINCIPLE

## CONNECTION DIAGRAM

### DESIGNATION

#### DIMENSION (L x B x H)

with TS 15 mm

with TS 15 (height incl. labelling adapter) mm

with TS 35 x 7,5 mm

with TS 35 x 7,5 (height incl. labelling adapter) mm

#### TYPE

Type • Colour

Cat. no. • PU

Type

Cat. no. • PU

#### RATINGS

Rated voltage V

Rated current A

Rated wire size mm<sup>2</sup> • AWG

Test voltage kV • Contamination degree

Gauge plug acc. to EN 60947-1 • Flammability class UL 94

#### CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm<sup>2</sup>

Flexible • Flexible (with ferrules acc. to DIN 46 226/1) mm<sup>2</sup>

Contact wire range mm<sup>2</sup>

Insulation stripping length mm

#### FEATURES

Number of cross connection channels

Test checking possibilities

#### ACCESSORIES

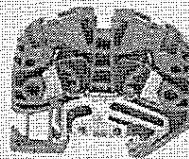
End plate ZAP

Cat. no. • PU green

#### ACCESSORIES

Further accessories like labelling systems, covers, end brackets, etc. (page →)

## EARTH TERMINALS ZRSL



### ZRSL 2.5 N-T15

40 x 5,1 x 34

ZRSL 2 5 N-T15 GREEN/YELLOW  
43586.2 • 100

IEC UL CSA

2,5 • 20-12

8 • 3

A3 • V0

0,5-4 • -

0,5-4 • 0,5-2,5

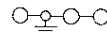
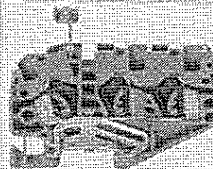
0,08-4

10

2

ZAP SR  
493757.1 • 50

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### ZRSL 2.5 N-T15-DR

52,5 x 5,1 x 34

52,5 x 5,1 x 44

ZRSL 2 5 N-T15-DR GREEN/YELLOW  
43601.2 • 100

IEC UL CSA

2,5 • 20-12

8 • 3

A3 • V0

0,5-4 • -

0,5-4 • 0,5-2,5

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