

■ 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 mm² • AWG

Test voltage kV • Contamination degree

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

CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm²

Flexible • Flexible (with ferrules acc. to DIN 46228/1) mm²

Contact wire range mm²

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

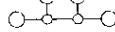
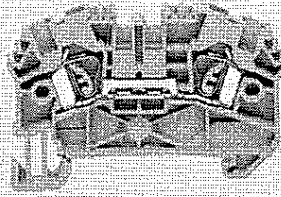
Cat. no. • PU

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

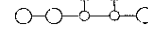
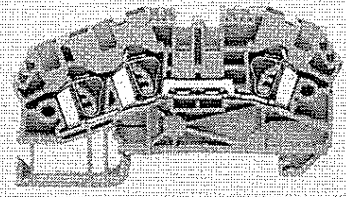
ZQI 2 5/10

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

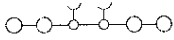
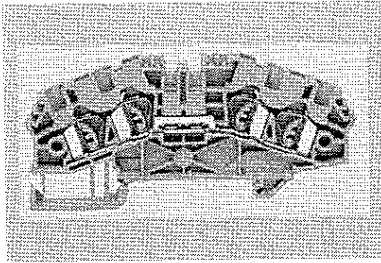
ZQI 2 5/10

493718.8 • 10

ZQI 2 5/0 5/99

493719.8 • 1

From page 179



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

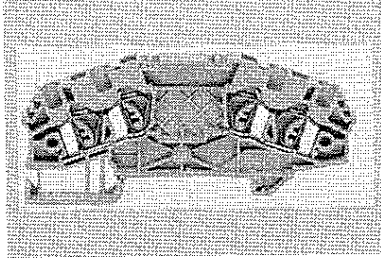
ZQI 2 5/10

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

From page 179

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 mm² • AWG

Test voltage kV • Contamination degree

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

CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm²

Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²

Contact wire range mm²

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

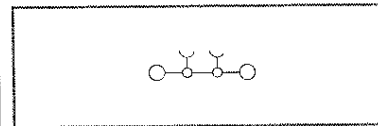
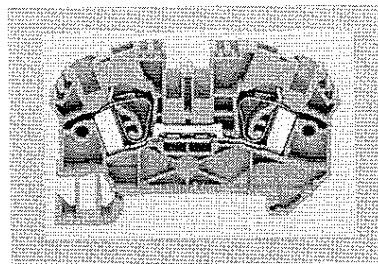
Insulated cross connector ZQI 10 poles

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		

0,5-6 • -

0,6-6 • 0,5-4

0,08-6

12

2

2

ZAP 4/2 A

493703.2 • 50

493703.5 • 50

493703.3 • 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

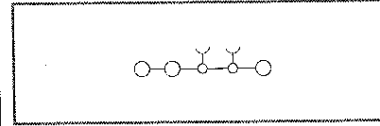
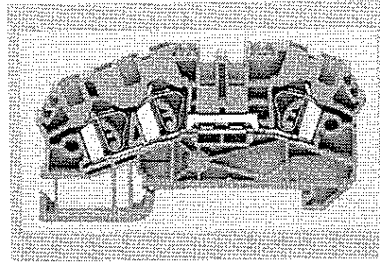
ZQI 4/9

493727.8 • 10

ZQI 4/10

493728.8 • 10

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ZR 4-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		

0,5-6 • -

0,6-6 • 0,5-4

0,08-6

12

2

2

ZAP 4/3 A

493704.2 • 50

493704.5 • 50

493704.3 • 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

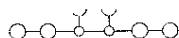
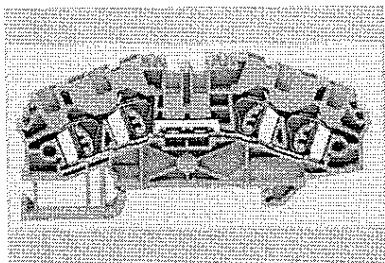
ZQI 4/9

493727.8 • 10

ZQI 4/10

493728.8 • 10

From page 179



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

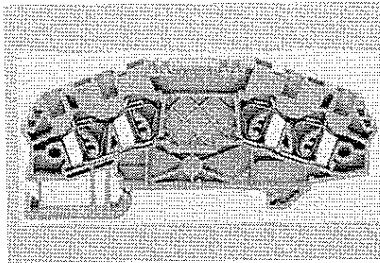
493726.8 • 10

ZQI 4/9

493727.8 • 10

ZQI 4/10

493728.8 • 10



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

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 mm² • AWG

Test voltage kV • Contamination degree

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

CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm²

Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²

Contact wire range mm²

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

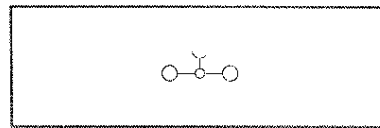
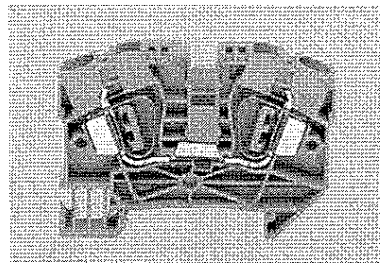
Insulated cross connector ZQI 10 poles

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

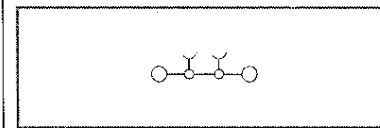
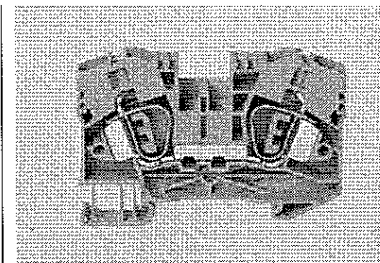
ZQI 6/9

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 mm² • AWG

Test voltage kV • Contamination degree

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

CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm²

Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²

Contact wire range mm²

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

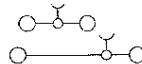
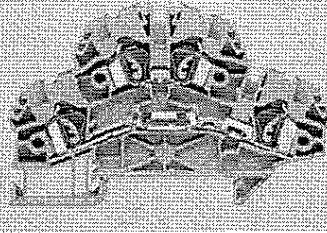
Cat. no. • PU

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

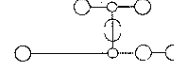
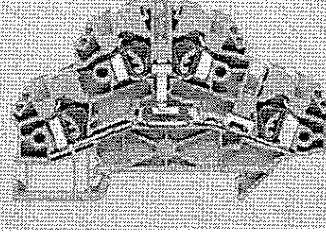
ZQI 2.5/10

493718.8 • 10

ZQI 2.5/0.5/99

493719.8 • 1

From page 179



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

From page 179

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 mm² • AWG

Test voltage kV • Contamination degree

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

CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm²

Flexible • Flexible (with terminals acc. to DIN 45 225/1) mm²

Contact wire range mm²

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

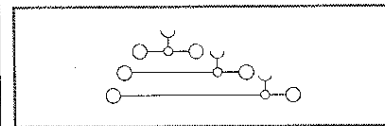
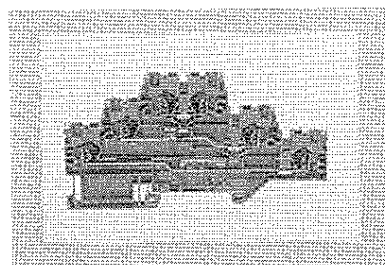
Insulated cross connector ZQI 99 poles

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

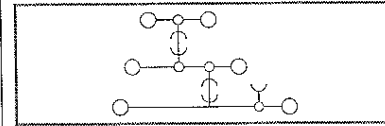
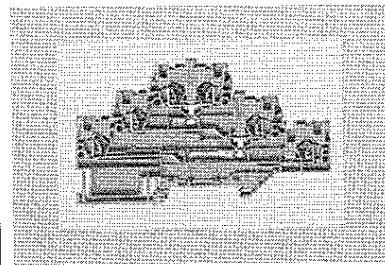
ZQI 2.5/10

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 mm² • AWG

Test voltage kV • Contamination degree

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

CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm²

Flexible • Flexible (with terminals acc. to DIN 46 228/1) mm²

Contact wire range mm²

Insulation stripping length mm

FEATURES

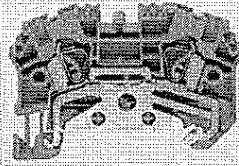
Number of cross connection channels

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 • -

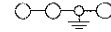
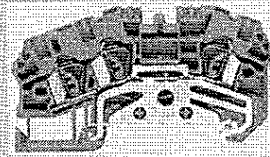
0,5-4 • 0,5-2,5

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 →)

from page 179

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 mm² • AWG

Test voltage kV • Contamination degree

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

CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm²

Flexible • Flexible (with ferrules acc. to DIN 46228(n)) mm²

Contact wire range mm²

Insulation stripping length mm

FEATURES

Number of cross connection channels

Test checking possibilities

ACCESSORIES

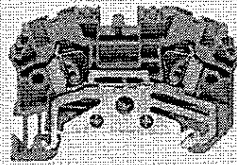
End plate ZAP

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

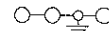
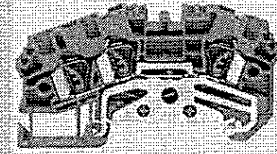
0,08-4

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

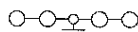
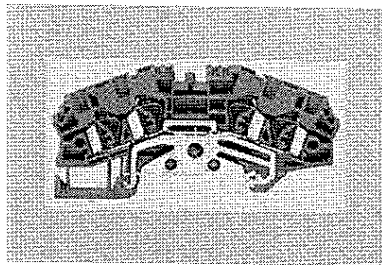
0,08-4

10

2

ZAP 2.5/3 A
493701.1 • 50

From page 179



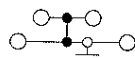
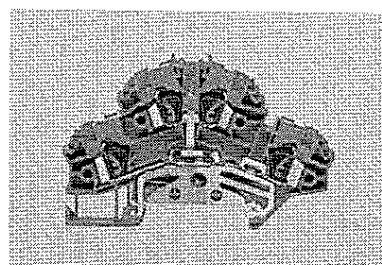
ZRSL 2.5-DRL

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		
493702.1 • 50		

From page 179



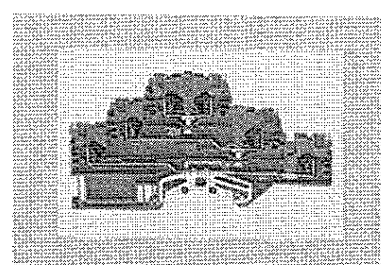
ZRSLD 2.5

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/D 2.5		
493761.1 • 20		

From page 179

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 mm² • 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) mm²
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²
Contact wire range mm²
Insulation stripping length mm

FEATURES

Number of cross connection channels
Test checking possibilities

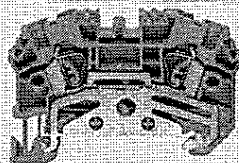
ACCESSORIES

End plate ZAP
Cat. no. • PU beige

ACCESSORIES

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

EARTH TERMINALS ZRSL



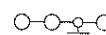
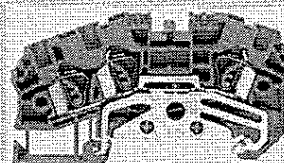
ZRSL 4

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



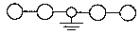
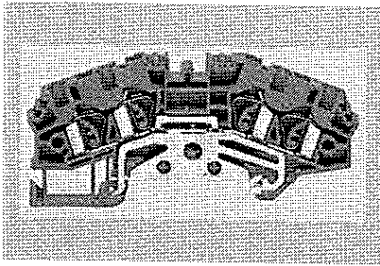
ZRSL 4-DR

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 mm² • 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) mm²
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²
Contact wire range mm²
Insulation stripping length mm

FEATURES

Number of cross connection channels
Test checking possibilities

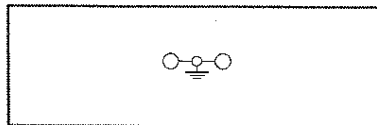
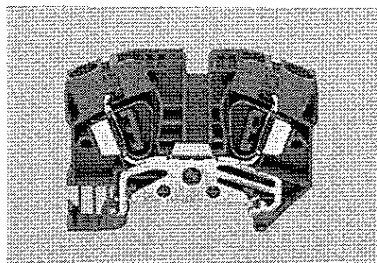
ACCESSORIES

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

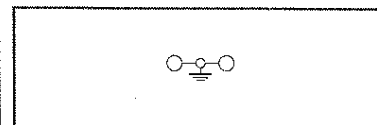
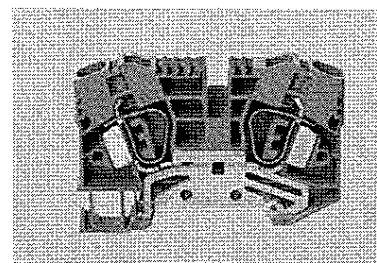
0,05-10

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

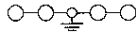
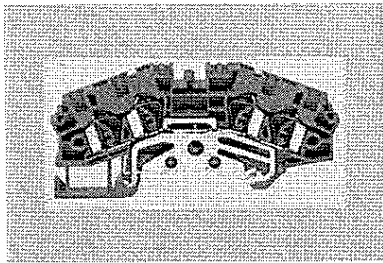
1,5-16

18

2

ZAP 10/2A
493788.1 • 20

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

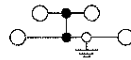
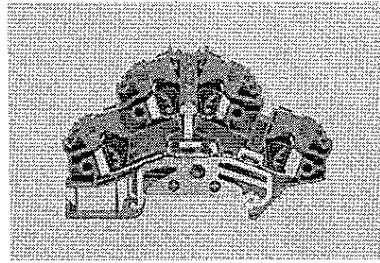
2,5 • 20-12
8 • 3
A3 • V0

0,5-4 • -
0,5-4 • 0,5-2,5
0,08-4
10

2

ZAP 2.5/4 A
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

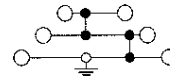
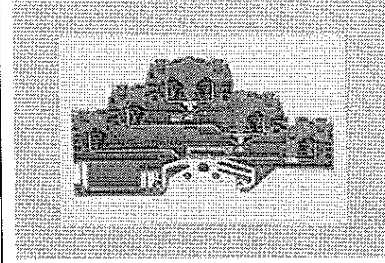
2,5 • 20-12
6 • 3
A3 • V0

0,5-4 • -
0,5-4 • 0,5-2,5
0,08-4
10

4

ZAPD 2 5
493756.1 • 20

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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

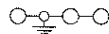
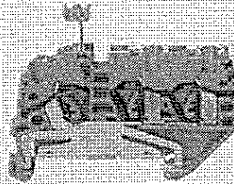
2,5 • 20-12
8 • 3
A3 • V0

0,5-4 • -
0,5-4 • 0,5-2,5
0,08-4
10

2

ZAP SR
493757.1 • 50

From page 179



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 mm² • AWG

Test voltage kV • Contamination degree

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

CONNECTION DATA

Single wire (solid) • Stranded (flexible) mm²

Flexible • Flexible (with ferrules acc. to DIN 46 226/1) mm²

Contact wire range mm²

Insulation stripping length mm

FEATURES

Number of cross connection channels

Test checking possibilities

ACCESSORIES

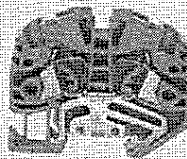
End plate ZAP

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

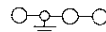
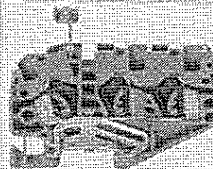
0,08-4

10

2

ZAP SR
493757.1 • 50

From page 179



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

0,08-4

10

3

ZAP SR 3A/15
493794.1 • 50

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