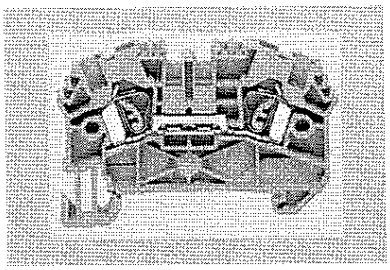
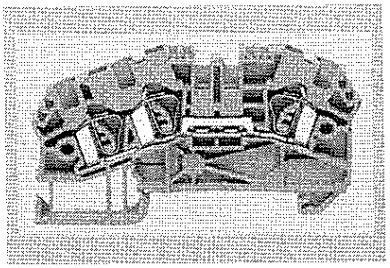
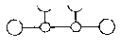
FEED-THROUGH TERMINALS ZR

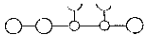
TENSION SPRING PRINCIPLE



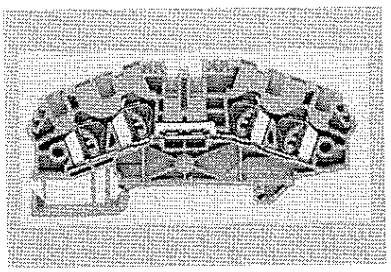


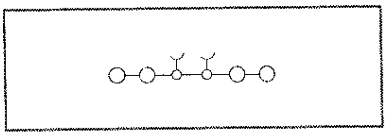
CONNECTION DIAGRAM





DESIGNATION	ZR 2.5	ZR 2.5-DR
DIMENSION (L x B x H)		
with TS 15 mm	59 x 5,1 x 39	73,1 x 5,1 x 39
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	ZR 2.5 BEIGE	ZR 2.5-DR BEIGE
Cat. no. • PU	**43500.2** • 100	**43501.2** • 100
Type • Colour	ZR 2.5 BLUE	ZR 2.5-DR BLUE
Cat. no. • PU	**43500.5** • 100	**43501.5** • 100
Type • Colour	ZR 2.5 ORANGE	ZR 2.5-DR ORANGE
Cat. no. • PU	**3500.3** • 100	**43501.3** • 100
RATINGS		
Rated voltage V	IEC UL CSA	IEC UL CSA
	800 300 600	800 600 600
Rated current A	24 27 27	24 27 27
Rated wire size mm² • AWG	2,5 • 20-12	2,5 • 20-12
Test voltage kV • Contamination degree	8 • 3	8 • 3
Gauge plug acc. to EN 60947-1 • Flammability class UL 94	A3 • V0	A3 • V0
CONNECTION DATA		
Single wire (solid) • Stranded (flexible) mm²	0,5-4 • -	0,5-4 • -
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²	0,5-4 • 0,5-2,5	0,5-4 • 0,5-2,5
Contact wire range mm²	0,08-4	0,08-4
Insulation stripping length mm	10	10
FEATURES		
Number of cross connection channels	2	2
Test checking possibilities	2	2
ACCESSORIES		
End plate ZAP	ZAP 2 5/2A	ZAP 2 5/3A
Cat. no. • PU beige	**493700.2** • 50	**493701.2** • 50
Cat. no. • PU blue	**493700.5** • 50	**493701.5** • 50
Cat. no. • PU orange	**493700.3** • 50	**493701.3** • 50
Insulated cross connector ZQI 2 poles	ZQI 2.5/2	ZQI 2.5/2
Cat. no. • PU	**493710.8** • 50	**493710.8** • 50
Insulated cross connector ZQI 3 poles	ZQI 2 5/3	ZQI 2 5/3
Cat. no. • PU	**493711.8** • 50	**493711.8** • 50
Insulated cross connector ZQI 4 poles	ZQI 2.5/4	ZQI 2.5/4
Cat. no. • PU	**493712.8** • 20	**493712.8** • 20
Insulated cross connector ZQI 5 poles	ZQI 2 5/5	ZQI 2 5/5
Cat. no. • PU	**493713.8** • 20	**493713.8** • 20
Insulated cross connector ZQI 6 poles	ZQI 2.5/6	ZQI 2.5/6
Cat. no. • PU	**493714.8** • 20	**493714.8** • 20
Insulated cross connector ZQI 7 poles	ZQI 2 5/7	ZQI 2 5/7
Cat. no. • PU	**493715.8** • 20	**493715.8** • 20
Insulated cross connector ZQI 8 poles	ZQI 2.5/8	ZQI 2.5/8
Cat. no. • PU	**493716.8** • 10	**493716.8** • 10
Insulated cross connector ZQI 9 poles	ZQI 2 5/9	ZQI 2 5/9
Cat. no. • PU	**493717.8** • 10	**493717.8** • 10
Insulated cross connector ZQI 10 poles	ZQI 2.5/10	ZQI 2.5/10
Cat. no. • PU	**493718.8** • 10	**493718.8** • 10
Insulated cross connector ZQI 99 poles	ZQI 2.5/0.5/99	ZQI 2.5/0.5/99
Cat. no. • PU	**493719.8** • 1	**493719.8** • 1
ACCESSORIES		
Further accessories like labelling systems, covers, end brackets, etc. (page ➔)	From page 179	From page 179





ZR 2.5-DRL

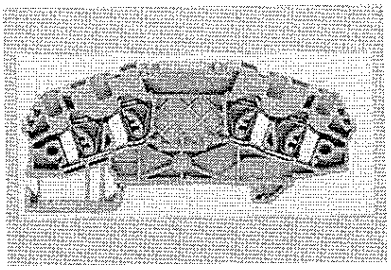
83,6 x 5,1 x 39

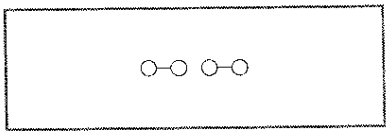
ZR 2.5-DRL BEIGE
43502.2 • 100
ZR 2.5-DRL BLUE
43502.5 • 100
ZR 2.5-DRL ORANGE
43502.3 • 100

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

From page 179





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

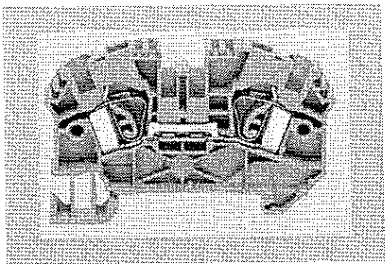
IEC	UL	CSA
800	600	600
24	27	27
2,5 • 20-12		
8 • 3		
A3 • V0		
0,5-4 • -		
0,5-4 • 0,5-2,5		
0,08-4		
10		
2		

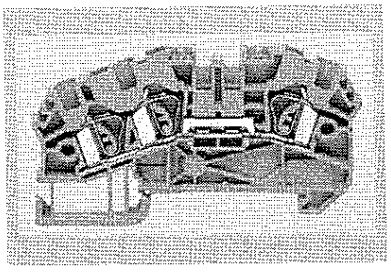
ZAP 2 5/4A
493702.2 • 50
493702.5 • 50
493702.3 • 50

From page 179

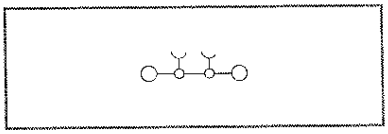
FEED-THROUGH TERMINALS ZR

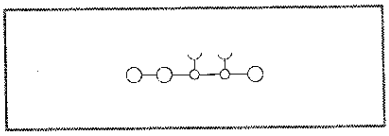
TENSION SPRING PRINCIPLE



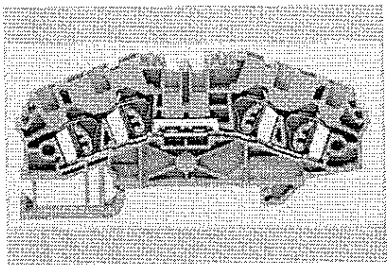


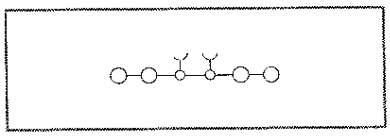
CONNECTION DIAGRAM





DESIGNATION	ZR 4	ZR 4-DR
DIMENSION (L x B x H) with TS 35 x 7.5 mm	64 x 6.1 x 42	78,5 x 6 1 x 42
TYPE **Type** • Colour **Cat. no.** • PU **Type** • Colour **Cat. no.** • PU **Type** • Colour **Cat. no.** • PU	ZR 4 BEIGE **43515.2** • 100 ZR 4 BLUE **43515.5** • 100 ZR 4 ORANGE **43515.3** • 100	ZR 4-DR BEIGE **43516.2** • 100 ZR 4-DR BLUE **43516.5** • 100 ZR 4-DR ORANGE **43516.3** • 100
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	IE / UL / CSA 800 / 600 / 600 32 / 35 / 35 4 • 20-10 8 • 3 A4 • V0	IEC / UL / CSA 800 / 600 / 600 32 / 35 / 35 4 • 20-10 8 • 3 A4 • V0
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	0,5-6 • - 0,6-6 • 0,5-4 0,08-6 12	0,5-6 • - 0,6-6 • 0,5-4 0,08-6 12
FEATURES Number of cross connection channels Test checking possibilities	2 2	2 2
ACCESSORIES End plate ZAP **Cat. no.** • PU beige **Cat no.** • PU blue **Cat. no.** • PU orange	ZAP 4/2 A **493703.2** • 50 **493703.5** • 50 **493703.3** • 50	ZAP 4/3 A **493704.2** • 50 **493704.5** • 50 **493704.3** • 50
Holding plate TW **Cat. no.** • PU beige **Cat. no.** • PU blue **Cat. no.** • PU orange	TWMF **492957.2** • 20 **492957.5** • 20 **492957.3** • 20	TWMF **492957.2** • 20 **492957.5** • 20 **492957.3** • 20
Insulated cross connector ZQI 2 poles **Cat. no.** • PU	ZQI 4/2 **493720.8** • 50	ZQI 4/2 **493720.8** • 50
Insulated cross connector ZQI 3 poles **Cat. no.** • PU	ZQI 4/3 **493721.8** • 50	ZQI 4/3 **493721.8** • 50
Insulated cross connector ZQI 4 poles **Cat. no.** • PU	ZQI 4/4 **493722.8** • 20	ZQI 4/4 **493722.8** • 20
Insulated cross connector ZQI 5 poles **Cat. no.** • PU	ZQI 4/5 **493723.8** • 20	ZQI 4/5 **493723.8** • 20
Insulated cross connector ZQI 6 poles **Cat. no.** • PU	ZQI 4/6 **493724.8** • 20	ZQI 4/6 **493724.8** • 20
Insulated cross connector ZQI 7 poles **Cat. no.** • PU	ZQI 4/7 **493725.8** • 20	ZQI 4/7 **493725.8** • 20
Insulated cross connector ZQ 8 poles **Cat. no.** • PU	ZQI 4/8 **493726.8** • 10	ZQI 4/8 **493726.8** • 10
Insulated cross connector ZQI 9 poles **Cat. no.** • PU	ZQI 4/9 **493727.8** • 10	ZQI 4/9 **493727.8** • 10
Insulated cross connector ZQI 10 poles **Cat. no.** • PU	ZQI 4/10 **493728.8** • 10	ZQI 4/10 **493728.8** • 10
ACCESSORIES Further accessories like labelling systems, covers, end brackets, etc (page →)	From page 179	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

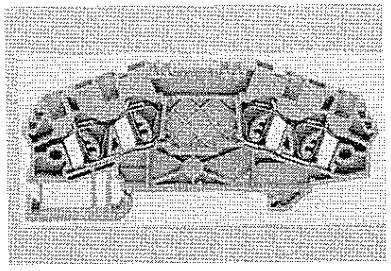
4 • 20-10
8 • 3
A4 • V0

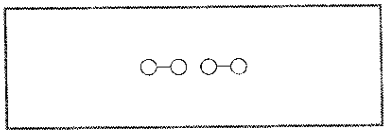
0,5-6 • -
0,6-6 • 0,5-4
0,08-6
12

2
2

ZAP 4/4 A
493705.2 • 50
493705.5 • 50
493705.3 • 50
TWMF
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-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

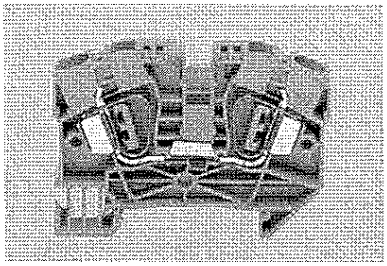
0,5-6 • -
0,6-6 • 0,5-4
0,08-6
12

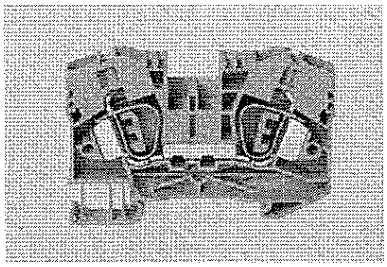
2

ZAP 4/4 A
493705.2 • 50
493705.5 • 50
493705.3 • 50
TWMF
492957.2 • 20
492957.5 • 20
492957.3 • 20

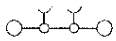
From page 179

TENSION SPRING PRINCIPLE





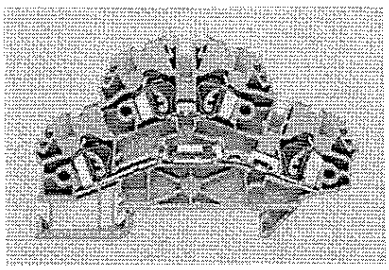
CONNECTION DIAGRAM

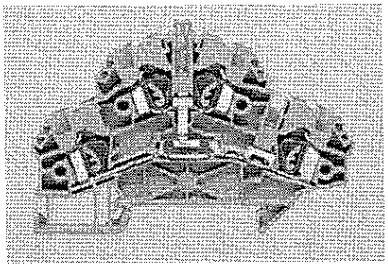


DESIGNATION	ZR 6	ZR 10
DIMENSION (L x B x H) with TS 35 x 7.5 mm	65 x 8.1 x 47.5	73.5 x 10.1 x 50.5
TYPE		
Type • Colour	ZR 6 BEIGE	ZR 10 BEIGE
Cat. no. • PU	**43581.2** • 100	**43597.2** • 80
Type • Colour	ZR 6 BLUE	ZR 10 BLUE
Cat. no. • PU	**43581.5** • 100	**43597.5** • 80
Type • Colour	ZR 6 ORANGE	ZR 10 ORANGE
Cat. no. • PU	**43581.3** • 100	**43597.3** • 80
RATINGS	IEC UL CSA	IEC UL CSA
Rated voltage V	1000 600 600	1000 600 600
Rated current A	41 50 50	57 60 55
Rated wire size mm² • AWG	6 • 22-8	10 • 16-6
Test voltage kV • Contamination degree	8 • 3	8 • 3
Gauge plug acc. to EN 60 947-1 • Flammability class UL 94	A5 • V0	B6 • V0
CONNECTION DATA		
Single wire (solid) • Stranded (flexible) mm²	0,5-10 •	1,5-16 • 1,5-16
Flexible • Flexible (with ferrules acc. to DIN 46 228/4) mm²	0,5-10 • 0,5-6	1,5-10 • 1,5-10
Contact wire range mm²	0,5-10	1,5-16
Insulation stripping length mm	13	18
FEATURES		
Number of cross connection channels	1	2
Test checking possibilities	2	2
ACCESSORIES		
End plate ZAP	ZAP 6/2 A	ZAP 10/2 A
Cat. no. • PU beige	**493760.2** • 20	**493788.2** • 20
Cat. no. • PU blue	**493760.5** • 20	**493788.5** • 20
Cat. no. • PU orange	**493760.3** • 20	**493788.3** • 20
Holding plate TW	TWMF	TWMF
Cat. no. • PU beige	**492957.2** • 20	**492957.2** • 20
Cat. no. • PU blue	**492957.5** • 20	**492957.5** • 20
Cat. no. • PU orange	**492957.3** • 20	**492957.3** • 20
Insulated cross connector ZQI 2 poles	ZQI 6/2	ZQI 10/2
Cat. no. • PU	**493763.8** • 50	**493789.8** • 20
Insulated cross connector ZQI 3 poles	ZQI 6/3	
Cat. no. • PU	**493764.8** • 50	
Insulated cross connector ZQI 4 poles	ZQI 6/4	
Cat. no. • PU	**493765.8** • 20	
Insulated cross connector ZQI 5 poles	ZQI 6/5	
Cat. no. • PU	**493766.8** • 20	
Insulated cross connector ZQI 6 poles	ZQI 6/6	
Cat. no. • PU	**493767.8** • 20	
Insulated cross connector ZQI 7 poles	ZQI 6/7	
Cat. no. • PU	**493768.8** • 20	
Insulated cross connector ZQ 8 poles	ZQI 6/8	
Cat. no. • PU	**493769.8** • 10	
Insulated cross connector ZQI 9 poles	ZQI 6/9	
Cat. no. • PU	**493770.8** • 10	
Insulated cross connector ZQI 10 poles	ZQI 6/10	
Cat. no. • PU	**493771.8** • 10	
ACCESSORIES Further accessories like labelling systems, covers, end brackets, etc (page →)	From page 179	From page 179

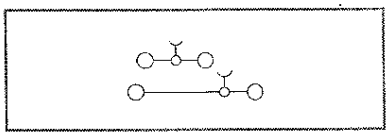
DOUBLE LEVEL TERMINALS ZRD

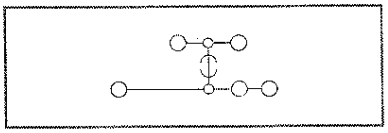
TENSION SPRING PRINCIPLE





CONNECTION DIAGRAM





DESIGNATION	ZRD 2.5	ZRD 2.5-V
DIMENSION (L x B x H)		
with TS 35 x 7,5 mm	83,6 x 5,1 x 53	83,6 x 5,1 x 53
with TS 35 x 7,5 (height incl. labelling adapter) mm	83,6 x 5,1 x 64	83,6 x 5,1 x 64
TYPE		
Type • Colour	ZRD 2.5 BEIGE	ZRD 2.5-V BEIGE
Cat. no. • PU	**43562.2** • 100	**3563.2** • 100
Type • Colour	ZRD 2.5 BLUE	ZRD 2.5-V BLUE
Cat. no. • PU	**43562.5** • 100	**3563.5** • 100
RATINGS	IEC UL CSA	IEC UL CSA
Rated voltage V	500 300 300	500 300 300
Rated current A	24 10 10	24 10 10
Rated wire size mm² • AWG	2,5 • 20-12	2,5 • 20-12
Test voltage kV • Contamination degree	6 • 3	6 • 3
Gauge plug acc. to EN 60 947-1 • Flammability class UL 94	A3 • V0	A3 • V0
CONNECTION DATA		
Single wire (solid) • Stranded (flexible) mm²	0,5-4 • -	0,5-4 • -
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²	0,5-4 • 0,5-2,5	0,5-4 • 0,5-2,5
Contact wire range mm²	0,08-4	0,08-4
Insulation stripping length mm	10	10
FEATURES		
Number of cross connection channels	2	1
Test checking possibilities	4	4
ACCESSORIES		
End plate ZAP	ZAPD 2 5	ZAPD 2 5
Cat. no. • PU beige	**493756.2** • 20	**493756.2** • 20
Cat. no. • PU blue	**493756.5** • 20	**493756.5** • 20
Cat. no. • PU orange	**493756.3** • 20	**493756.3** • 20
Insulated cross connector ZQ 2 poles	ZQI 2.5/2	ZQI 2.5/2
Cat. no. • PU	**493710.8** • 50	**493710.8** • 50
Insulated cross connector ZQI 3 poles	ZQI 2 5/3	ZQI 2 5/3
Cat. no. • PU	**493711.8** • 50	**493711.8** • 50
Insulated cross connector ZQI 4 poles	ZQI 2.5/4	ZQI 2.5/4
Cat. no. • PU	**493712.8** • 20	**493712.8** • 20
Insulated cross connector ZQI 5 poles	ZQI 2 5/5	ZQI 2 5/5
Cat. no. • PU	**493713.8** • 20	**493713.8** • 20
Insulated cross connector ZQI 6 poles	ZQI 2.5/6	ZQI 2.5/6
Cat. no. • PU	**493714.8** • 20	**493714.8** • 20
Insulated cross connector ZQI 7 poles	ZQI 2 5/7	ZQI 2 5/7
Cat. no. • PU	**493715.8** • 20	**493715.8** • 20
Insulated cross connector ZQI 8 poles	ZQI 2 5/8	ZQI 2 5/8
Cat. no. • PU	**493716.8** • 10	**493716.8** • 10
Insulated cross connector ZQI 9 poles	ZQI 2 5/9	ZQI 2 5/9
Cat. no. • PU	**493717.8** • 10	**493717.8** • 10
Insulated cross connector ZQI 10 poles	ZQI 2.5/10	ZQI 2.5/10
Cat. no. • PU	**493718.8** • 10	**493718.8** • 10
Insulated cross connector ZQI 99 poles	ZQI 2.5/0.5/99	ZQI 2.5/0.5/99
Cat. no. • PU	**493719.8** • 1	**493719.8** • 1

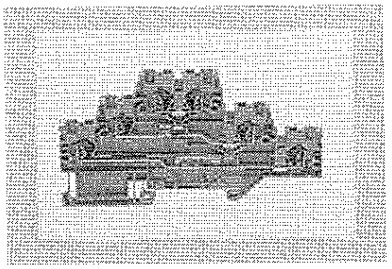
ACCESSORIES
Further accessories like labelling systems, covers, end brackets, etc. (page →)

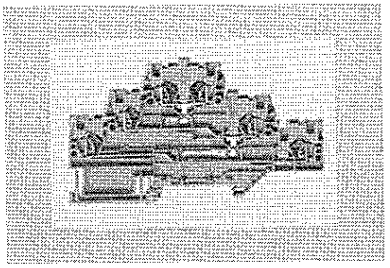
From page 179

From page 179

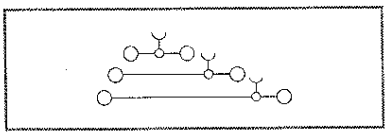
THREE LEVEL TERMINALS ZRID

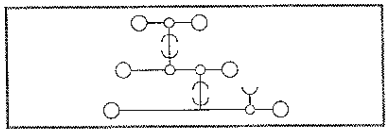
TENSION SPRING PRINCIPLE





CONNECTION DIAGRAM



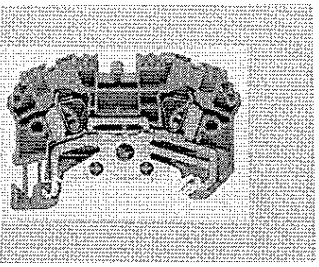


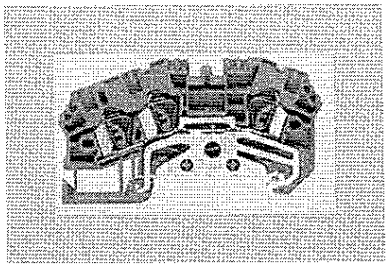
DESIGNATION	ZRID 2.5	ZRID 2.5-V
DIMENSION (L x B x H) with TS 35 x 7.5 mm	116.2 x 5.1 x 68	116.2 x 5.1 x 68
TYPE		
Type • Colour	ZRID 2.5 BEIGE	ZRID 2.5-V BEIGE
Cat. no. • PU	**43590.2** • 50	**43591.2** • 50
Type • Colour	ZRID 2.5 BLUE	ZRID 2.5-V BLUE
Cat. no. • PU	**43590.5** • 50	**43591.5** • 50
RATINGS	IEC UL CSA	IEC UL CSA
Rated voltage V	500 300 300	500 300 300
Rated current A	24 15 15	24 15 15
Rated wire size mm² • AWG	2,5 • 20-12	2,5 • 20-12
Test voltage kV • Contamination degree	6 • 3	6 • 3
Gauge plug acc. to EN 60947-1 • Flammability class UL 94	A3 • V0	A3 • V0
CONNECTION DATA		
Single wire (solid) • Stranded (flexible) mm²	0,5-4 • -	0,5-4 • -
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²	0,5-4 • 0,5-2,5	0,5-4 • 0,5-2,5
Contact wire range mm²	0,08-4	0,08-4
Insulation stripping length mm	10	10
FEATURES		
Number of cross connection channels	3	1
Test checking possibilities	6	6
ACCESSORIES		
End plate ZAP	ZAP/ID 2.5	ZAP/ID 2.5
Cat. no. • PU beige	**493761.2** • 20	**493761.2**/20
Cat. no. • PU blue	**493761.5** • 20	**493761.5**/20
Cat. no. • PU orange	**493761.3** • 20	**493761.3**/20
Cat. no. • PU green		
Insulated cross connector ZQI 2 poles	ZQI 2.5/2	ZQI 2.5/2
Cat. no. • PU	**493710.8** • 50	**493710.8** • 50
Insulated cross connector ZQI 3 poles	ZQI 2 5/3	ZQI 2 5/3
Cat. no. • PU	**493711.8** • 50	**493711.8** • 50
Insulated cross connector ZQI 4 poles	ZQI 2.5/4	ZQI 2.5/4
Cat. no. • PU	**493712.8** • 20	**493712.8** • 20
Insulated cross connector ZQI 5 poles	ZQI 2 5/5	ZQI 2 5/5
Cat. no. • PU	**493713.8** • 20	**493713.8** • 20
Insulated cross connector ZQI 6 poles	ZQI 2.5/6	ZQI 2.5/6
Cat. no. • PU	**493714.8** • 20	**493714.8** • 20
Insulated cross connector ZQI 7 poles	ZQI 2 5/7	ZQI 2 5/7
Cat. no. • PU	**493715.8** • 20	**493715.8** • 20
Insulated cross connector ZQI 8 poles	ZQI 2.5/8	ZQI 2.5/8
Cat. no. • PU	**493716.8** • 10	**493716.8** • 10
Insulated cross connector ZQI 9 poles	ZQI 2 5/9	ZQI 2 5/9
Cat. no. • PU	**493717.8** • 10	**493717.8** • 10
Insulated cross connector ZQI 10 poles	ZQI 2.5/10	ZQI 2.5/10
Cat. no. • PU	**493718.8** • 10	**493718.8** • 10
Insulated cross connector ZQI 99 poles	ZQI 2.5/0.5/99	ZQI 2.5/0.5/99
Cat. no. • PU	**493719.8** • 1	**493719.8** • 1
ACCESSORIES	From page 179	From page 179

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

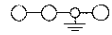
EARTH TERMINALS ZRSL

TENSION SPRING PRINCIPLE





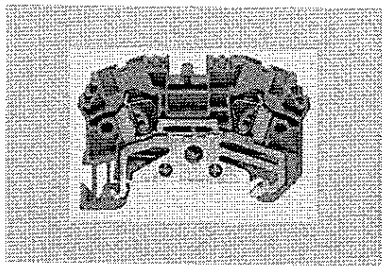
CONNECTION DIAGRAM

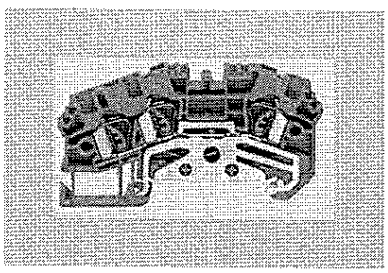


DESIGNATION	ZRSL 2.5	ZRSL 2.5-DR
DIMENSION (L x B x H)		
with TS 15 mm		
with TS 15 (height incl. labelling adapter) mm	59 x 5,1 x 39	71,3 x 5,1 x 39
with TS 35 x 7,5 mm		
with TS 35 x 7,5 (height incl. labelling adapter) mm		
TYPE		
Type • Colour	ZRSL 2.5 GREEN/YELLOW	ZRSL 2 5-DR GREEN/YELLOW
Cat. no. • PU	**43510 2** • 100	**43511.2** • 100
RATINGS	IEC UL CSA	IEC UL CSA
Rated voltage V		
Rated current A		
Rated wire size mm² • AWG	2,5 • 20-12	2,5 • 20-12
Test voltage kV • Contamination degree	8 • 3	8 • 3
Gauge plug acc. to EN 60947-1 • Flammability class UL 94	A3 • V0	A3 • V0
CONNECTION DATA		
Single wire (solid) • Stranded (flexible) mm²	0,5-4 • -	0,5-4 • -
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²	0,5-4 • 0,5-2,5	0,5-4 • 0,5-2,5
Contact wire range mm²	0,08-4	0,08-4
Insulation stripping length mm	10	10
FEATURES		
Number of cross connection channels	2	2
Test checking possibilities		
ACCESSORIES		
End plate ZAP	ZAP 2.5/2 A	ZAP 2.5/3 A
Cat. no. • PU green	**493700.1** • 50	**493701.1** • 50
ACCESSORIES		
Further accessories like labelling systems, covers, end brackets, etc (page ->)	From page 179	From page 179

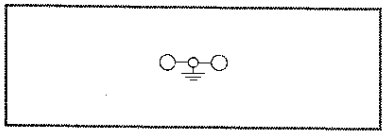
EARTH TERMINALS ZRSL

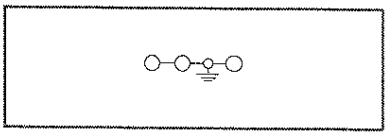
TENSION SPRING PRINCIPLE





CONNECTION DIAGRAM





DESIGNATION	ZRSL 2.5	ZRSL 2.5-DR
DIMENSION (L x B x H)		
with TS 15 mm	59 x 5,1 x 39	71,3 x 5,1 x 39
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	ZRSL 2.5 GREEN/YELLOW	ZRSL 2 5-DR GREEN/YELLOW
Cat. no. • PU	**43510.2** • 100	**43511.2** • 100
RATINGS	IEC UL CSA	IEC UL CSA
Rated voltage V	2,5 • 20-12	2,5 • 20-12
Rated current A	8 • 3	8 • 3
Rated wire size mm² • AWG	A3 • V0	A3 • V0
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	0,5-4 • -	0,5-4 • -
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²	0,5-4 • 0,5-2,5	0,5-4 • 0,5-2,5
Contact wire range mm²	0,08-4	0,08-4
Insulation stripping length mm	10	10
FEATURES		
Number of cross connection channels	2	2
Test checking possibilities		
ACCESSORIES		
End plate ZAP	ZAP 2.5/2 A	ZAP 2.5/3 A
Cat. no. • PU green	**493700.1** • 50	**493701.1** • 50

ACCESSORIES

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

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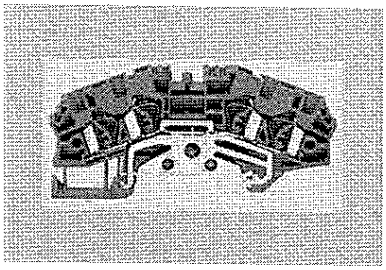

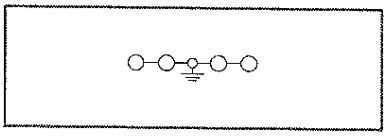

ZRSL 2.5-DRL

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

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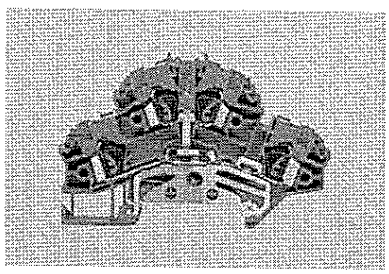

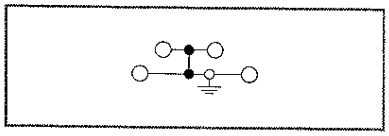

ZRSLD 2.5

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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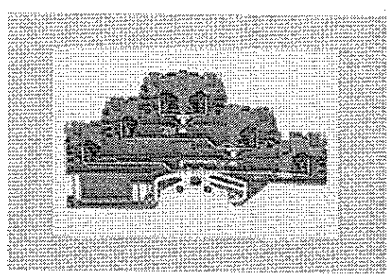

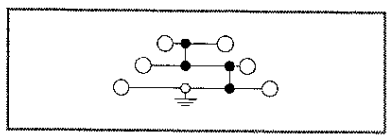

ZRID 2.5 SL

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

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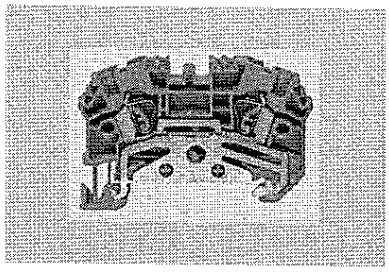
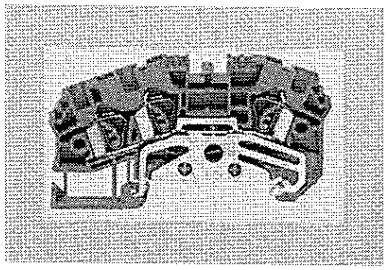
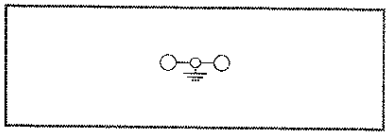
EARTH TERMINALS ZRSL

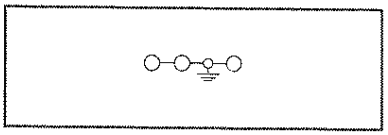
TENSION SPRING PRINCIPLE





CONNECTION DIAGRAM





DESIGNATION	ZRSL 4	ZRSL 4-DR
DIMENSION (L x B x H) with TS 35 x 7.5 mm	64 x 6.1 x 42	78.5 x 6.1 x 42
TYPE **Type** • Colour **Cat. no.** • PU	ZRSL 4 GREEN/YELLOW **43525.2** • 100	ZRSL 4-DR GREEN/YELLOW **43526.2** • 100
RATINGS	IEC UL CSA	IEC UL CSA
Rated voltage V	4 • 20-10	4 • 20-10
Rated current A	8 • 3	8 • 3
Test voltage kV • Contamination degree Gauge plug acc. to EN 60947-1 • Flammability class UL 94	A4 • V0	A4 • V0
CONNECTION DATA		
Single wire (solid) • Stranded (flexible) mm²	0,5-6 • -	0,5-6 • -
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²	0,5-6 • 0,5-4	0,5-6 • 0,5-4
Contact wire range mm²	0,08-6	0,08-6
Insulation stripping length mm	12	12
FEATURES		
Number of cross connection channels	2	2
Test checking possibilities		
ACCESSORIES End plate ZAP **Cat. no.** • PU beige	ZAP 4/2 A **493703.1** • 50	ZAP 4/3 A **493704.1** • 50

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

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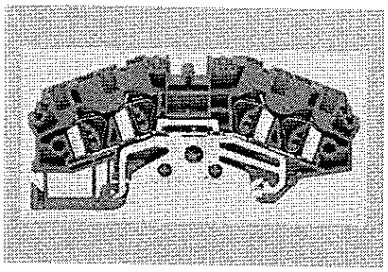

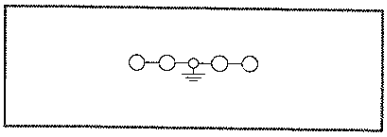

ZRSL 4-DRL

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

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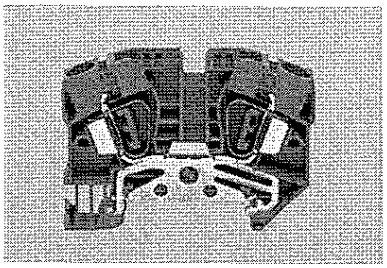
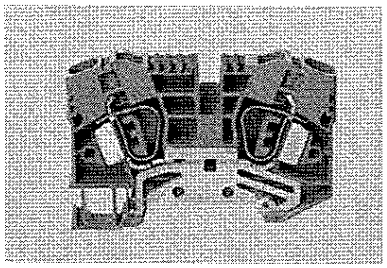
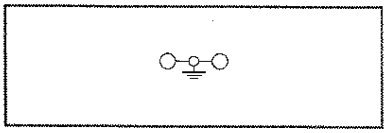
EARTH TERMINALS ZRSL

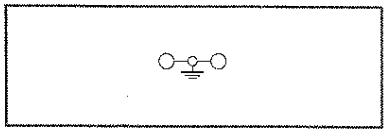
TENSION SPRING PRINCIPLE





CONNECTION DIAGRAM





DESIGNATION	ZRSL 6	ZRSL 10
DIMENSION (L x B x H)		
with TS 35 x 7,5 mm	65 x 8.1 x 47.5	73.5 x 10.1 x 50.5
TYPE		
Type • Colour	ZRSL 6 GREEN/YELLOW	ZRSL 10 GREEN/YELLOW
Cat. no. • PU	**43589.2** • 100	**43598.2** • 50
RATINGS	IEC UL CSA	IEC UL CSA
Rated voltage V		
Rated current A	6 • 22-8	10 • 16-6
Rated wire size mm² • AWG	8 • 3	8 • 3
Test voltage kV • Contamination degree	A5 • V0	B6 • V0
Gauge plug acc. to EN 60 947-1 • Flammability class UL 94		
CONNECTION DATA		
Single wire (solid) • Stranded (flexible) mm²	0,5-10 • -	1,5-16 • 1,5-16
Flexible • Flexible (with ferrules acc. to DIN 46 228/1) mm²	0,5-10 • 0,5-6	1,5-10 • 1,5-10
Contact wire range mm²	0,05-10	1,5-16
Insulation stripping length mm	13	18
FEATURES		
Number of cross connection channels	2	2
Test checking possibilities		
ACCESSORIES		
End plate ZAP	ZAP 6/2A	ZAP 10/2A
Cat. no. • PU green	**493760.1** • 20	**493788.1** • 20

ACCESSORIES

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

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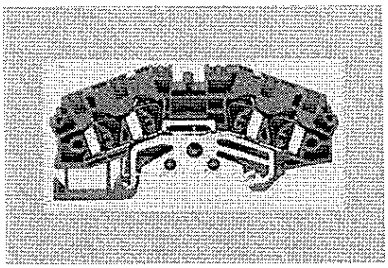

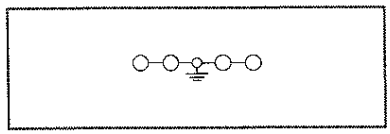

ZRSL 2.5-DRL

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

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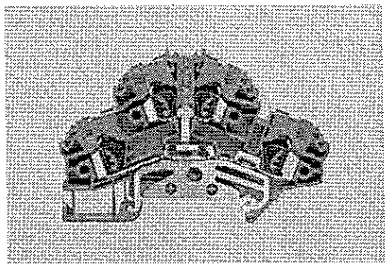

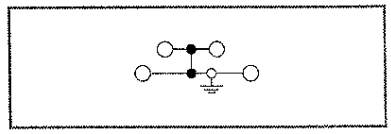

ZRSLD 2.5

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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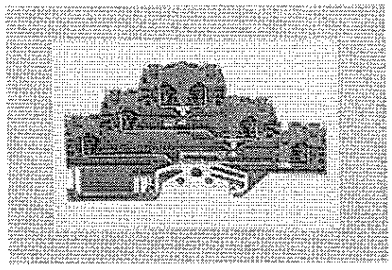

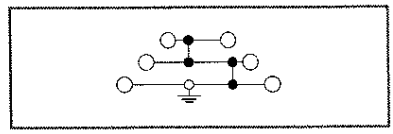

ZRID 2.5 SL

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

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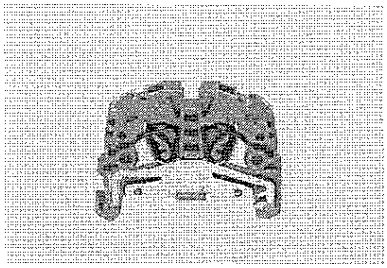

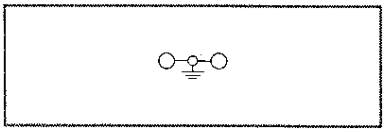

ZRSL 2.5 N

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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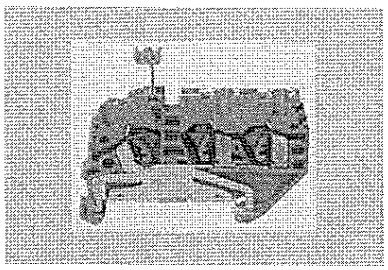

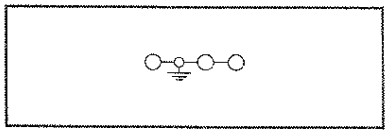

ZRSL 2.5 N-DR

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

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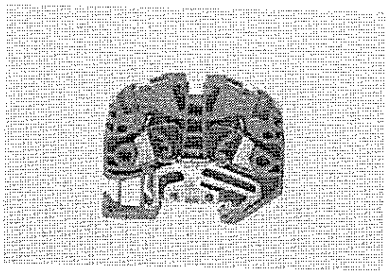
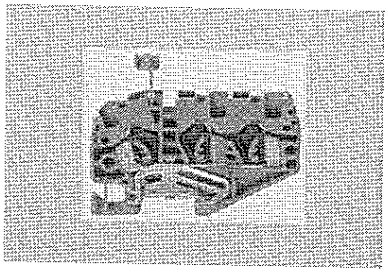
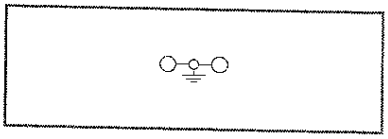
EARTH TERMINALS ZRSL

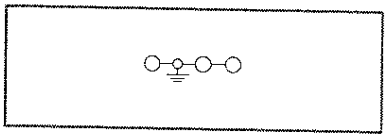
TENSION SPRING PRINCIPLE





CONNECTION DIAGRAM





DESIGNATION	ZRSL 2.5 N-T15	ZRSL 2.5 N-T15-DR
DIMENSION (L x B x H)		
with TS 15 mm	40 x 5,1 x 34	52,5 x 5,1 x 34
with TS 15 (height incl. labelling adapter) mm		52,5 x 5,1 x 44
with TS 35 x 7,5 mm		
with TS 35 x 7,5 (height incl. labelling adapter) mm		
TYPE		
Type • Colour	ZRSL 2 5 N-T15 GREEN/YELLOW	ZRSL 2 5 N-T15-DR GREEN/YELLOW
Cat. no. • PU	**43586.2** • 100	**43601.2** • 100
Type		
Cat. no. • PU		
RATINGS	IEC UL CSA	IEC UL CSA
Rated voltage V	2,5 • 20-12	2,5 • 20-12
Rated current A	8 • 3	8 • 3
Rated wire size mm² • AWG	A3 • V0	A3 • V0
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	0,5-4 • -	0,5-4 • -
Flexible • Flexible (with ferrules acc. to DIN 46 228/4) mm²	0,5-4 • 0,5-2,5	0,5-4 • 0,5-2,5
Contact wire range mm²	0,08-4	0,08-4
Insulation stripping length mm	10	10
FEATURES		
Number of cross connection channels	2	3
Test checking possibilities		
ACCESSORIES		
End plate ZAP	ZAP SR	ZAP SR 3A/15
Cat. no. • PU green	**493757.1** • 50	**493794.1** • 50

ACCESSORIES

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

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