

## Pictograms of the table head

<b>In</b> Rated current (A)	<b>Un</b> Rated voltage (V)	Notes, additions	Weight
<b>X</b> Number of screws	<b>M</b> Thread	Colour	Suggested crimping tool
Semicircle profile	Hexagonal profile	Terminal capacity mm <sup>2</sup>	Cable diameter ∅ mm
<b>X</b> Number of terminals	<b>IN</b> Supply side	<b>OUT</b> Entry side	Solid, strained, fine wire
Crimping range mm <sup>2</sup>	<b>xP</b> Number of poles	<b>Ui</b> Rated insulation voltage	

## Pictograms of the technical data

<b>AI</b> Material of connecting element: Aluminum	<b>Cu-Sn</b> Material of connecting element: Tinned copper	<b>Cu</b> Material of connecting element: Copper alloy	<b>E-Cu-Sn</b> Material of connecting element: From tinned copper
<b>E-Cu</b> Material of connecting element: Tinned copper	<b>PA6.6</b> Material of insulation: Polyamide 6.6	<b>PE</b> Material of insulation: Polyethylene	<b>POLYOLEFIN</b> Material of insulation: Polyolefin
<b>PP</b> Material of insulation: Polypropylene	<b>PVC</b> Material of insulation: PVC	<b>Ta</b> Ambient temperature -55...+95 °C	<b>Nm</b> Tighten torque 0.4 - 0.8
<b>35x7.5mm</b> Can be install on mounting rail	<b>3:1</b> Shrinking ratio	<b>IP 20</b> Protection degree	<b>Cu-Ni</b> Material of product: Nickel-coated copper
<b>500 V</b> Rated insulation voltage	<b>Sn</b> Material of product: tin	<b>Al-Sn</b> Material of product: tinned aluminum	<b>AI/Cu</b> Material of connectable wires: Aluminium and copper





Un-insulated ring type cable lug **2**



Un-insulated ring-tube type cable lug **4**



Un-insulated long ring-tube type cable lug from aluminum **7**



Long ring-tube type cable lug Cu/Al **8**



Un-insulated ring type cable lug with screw **8**



Un-insulated spade type cable lug **9**



Insulation for bare cable lugs **9**



Un-insulated copper-aluminium sleeve connector **10**



Connectors and cable lugs with break-off head screws **12**



Protection and contact paste **13**



Screw branch joint terminal **13**



Insulated ring type cable lugs **14**



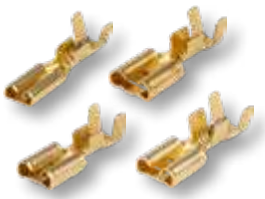
Insulated spade type cable lugs **15**



Insulated pin type cable lugs **16**



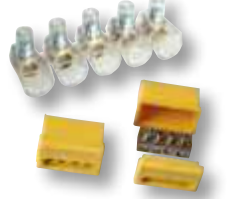
Heat shrinkable sleeve with Sn **17**



Quick-connecting terminals **18**



Cord-end terminals **22**



Screwed terminals **25**



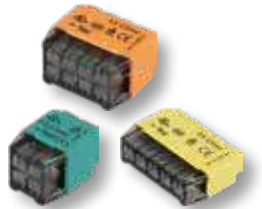
Branch terminals **25**



Lighting connectors **26**



Waterproof plastic box with gel + push-in wire connector **26**



Push-in wire connector **27**



Reusable push-in wire connector, openable, transparent **30**



Terminal for solar panels **32**



Main line distribution terminal **32**



Main line branching terminal strip **34**



Main circuit branching terminal **34**



FLEAL Main line distribution terminal block **35**



Main line branch terminal with opening cover **40**



Modular connecting terminal with opening cover **41**



Modular connecting terminal with opening cover **42**



Flexible terminal strips **43**



TSKD screwless (spring) terminals **45**



TSKA industrial terminal blocks family **46**



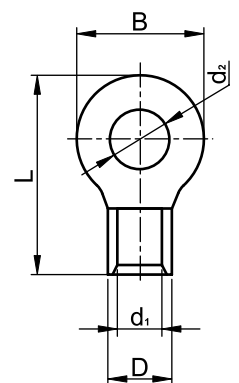
TSKC screwless (spring) terminals **50**

**Un-insulated ring type cable lug**






TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	B (mm)	mm <sup>2</sup>					
						1.5-2.5	1.5-2.5	1-1.5			
<b>SZ1.5-3</b>	2.3	3.7	4	16	8.4						
<b>SZ1.5-4</b>	2.3	4.3	4	16	8.4						
<b>SZ1.5-5</b>	2.3	5.3	4	16	8.4						
<b>SZ1.5-6</b>	2.3	6.4	4	21.5	11.6	1.5-2.5	1.5-2.5	1-1.5			
<b>SZ1.5-8</b>	2.3	8.4	4	21.5	11.6						
<b>SZ1.5-10</b>	2.3	10.5	4	25.5	13.7						
<b>SZ2.5-4</b>	3	4.3	5	17.8	8						
<b>SZ2.5-5</b>	3	5.3	5	17.8	8						
<b>SZ2.5-6</b>	3	6.4	5	21	12	4-6	2.5-4	2.5-4			
<b>SZ2.5-8</b>	3	8.4	5	27.5	15						
<b>SZ2.5-10</b>	3	10.5	5	27.5	15						
<b>SZ2.5-12</b>	3	13	5	30.8	18.9						
<b>SZ4-4</b>	3.4	4.3	5.5	19	9.6						
<b>SZ4-5</b>	3.4	5.3	5.5	19.6	9.6						
<b>SZ4-6</b>	3.4	6.4	5.5	23	12	4-6	(2.5)4-6	(2.5)4-6			
<b>SZ4-8</b>	3.4	8.4	5.5	27.6	15						
<b>SZ4-10</b>	3.4	10.5	5.5	27.6	15						
<b>SZ10-4</b>	4.5	4.3	7.1	23.8	12						
<b>SZ10-5</b>	4.5	5.3	7.1	23.8	12						
<b>SZ10-6</b>	4.5	6.4	7.1	23.8	12	6-10	(4)6-10	4-6			
<b>SZ10-8</b>	4.5	8.4	7.1	29.7	15						
<b>SZ10-10</b>	4.5	10.5	7.1	29.7	15						
<b>SZ10-12</b>	4.5	13	7.1	32.8	19						
<b>SZ16-5</b>	5.8	5.3	9	28	12						
<b>SZ16-6</b>	5.8	6.4	9	28	12						
<b>SZ16-8</b>	5.8	8.4	9	32.2	16	16-25	10-16	6-10			
<b>SZ16-10</b>	5.8	10.5	9	32.2	16						
<b>SZ16-12</b>	5.8	13	9	40.9	22						
<b>SZ25-5</b>	7.7	5.3	11.5	33.7	16.4						
<b>SZ25-6</b>	7.7	6.4	11.5	33.7	16.4						
<b>SZ25-8</b>	7.7	8.4	11.5	33.7	16.4	25-35	16-25	10-16			
<b>SZ25-10</b>	7.7	10.5	11.5	36.7	17.4						
<b>SZ25-12</b>	7.7	13	11.5	42.6	22						
<b>SZ35-6</b>	9.4	6.4	13.5	42.8	22.1						
<b>SZ35-8</b>	9.4	8.4	13.5	42.8	22.1						
<b>SZ35-10</b>	9.4	10.5	13.5	42.8	22.1	50-70	35-50	25-35			
<b>SZ35-12</b>	9.4	13	13.5	42.8	22.1						

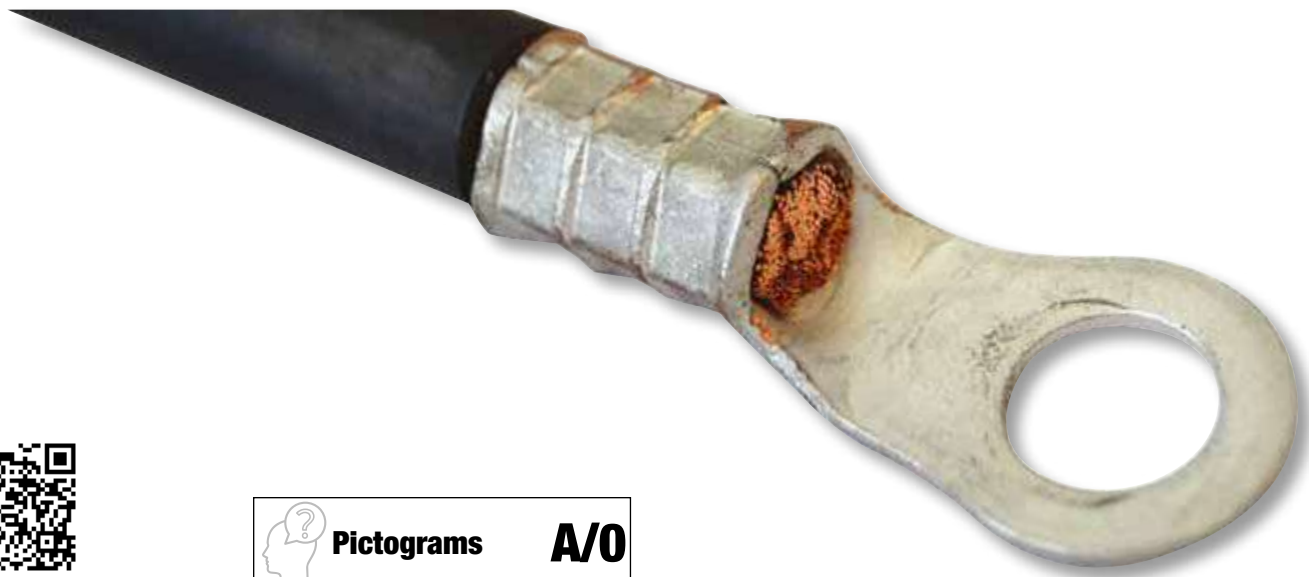


**RELEVANT STANDARD**  
**EN 61238-1**







### Un-insulated ring type cable lug

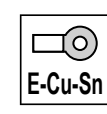
TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	B (mm)	mm <sup>2</sup>				
										
<b>SZ50-6</b>	11.4	6.4	15.5	50	22					
<b>SZ50-8</b>	11.4	8.4	15.5	50	22					
<b>SZ50-10</b>	11.4	10.5	15.5	50	22	70-95	50-70	35-50		
<b>SZ50-12</b>	11.4	13	15.5	47.2	22					
<b>SZ50-16</b>	11.4	17	15.5	57.4	32					
<b>SZ70-6</b>	13.3	6.4	17.5	51	24					
<b>SZ70-8</b>	13.3	8.4	17.5	51	24					
<b>SZ70-10</b>	13.3	10.5	17.5	51	24	95-120	70-95	50-70		
<b>SZ70-12</b>	13.3	13	17.5	51	24					
<b>SZ70-16</b>	13.3	17	17.5	60.7	31.8					
<b>SZ95-8</b>	14.5	8.4	19.5	54	27					
<b>SZ95-10</b>	14.5	10.5	19.5	54	27	120-150	95-120	50-70		
<b>SZ95-12</b>	14.5	13	20.5	54	23.8					
<b>SZ95-16</b>	14.5	17	20.5	58	27.8					
<b>SZ120-8</b>	16.4	8.4	22.5	56	28.4					
<b>SZ120-10</b>	16.4	10.5	22.5	56	28.4					
<b>SZ120-12</b>	16.4	13	22.5	55.6	28.4	–	120-150	70-95		
<b>SZ120-16</b>	16.4	17	22.5	69	32					
<b>SZ150-10</b>	19.5	10.5	26.5	65.8	36					
<b>SZ150-12</b>	19.5	13	26.5	65.8	36					
<b>SZ150-16</b>	19.5	17	26.5	65.8	36	–	185	150		
<b>SZ150-20</b>	19.5	21	26.5	80.5	36					
<b>SZ150-24</b>	19.5	25	26.5	80.5	36					
<b>SZ185-10</b>	21	10.5	28.5	68.8	38.4					
<b>SZ185-12</b>	21	13	28.5	68.8	38.4					
<b>SZ185-16</b>	21	17	28.5	68.8	35.8	–	240	150-185		
<b>SZ185-20</b>	21	21	28.5	87	38.8					
<b>SZ185-24</b>	21	25	28.5	87	38.8					
<b>SZ240-10</b>	24	10.5	32.5	71.5	44					
<b>SZ240-12</b>	24	13	32.5	71.5	44					
<b>SZ240-16</b>	24	17	32.5	71.5	44	–	300	185-240		
<b>SZ240-20</b>	24	21	32.5	90.6	44					
<b>SZ240-24</b>	24	25	32.5	90.6	44					



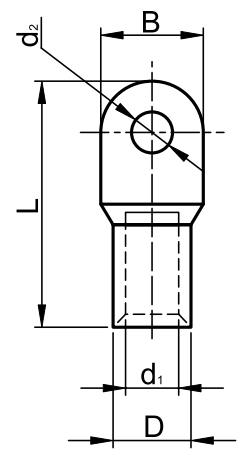


**Un-insulated ring-tube type cable lug**

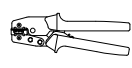




TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	B (mm)	mm <sup>2</sup>			
									
CL1.5-3	1.9	3.7	3.4	17	8				
CL1.5-4	1.9	4.3	3.4	17	8	1.5-2.5	1.5	1-1.5	
CL1.5-5	1.9	5.5	3.4	17	8.5				
CL2.5-4	2.4	4.3	3.9	18	8				
CL2.5-5	2.4	5.3	3.9	18	8	2.5-4	2.5	1.5	
CL2.5-6	2.4	6.4	3.9	19	10				
CL4-5	2.8	5.3	4.5	20.5	10	4-6	4	2.5	
CL4-6	2.8	6.4	4.5	20.5	10				
CL6-5	3.8	5.3	5.5	23	10				
CL6-6	3.8	6.4	5.5	23.5	10	10	6	4	
CL6-8	3.8	8.4	5.5	24.5	12.4				
CL10-6	4.5	6.4	6.1	24.5	10.2	10-16	10	6	
CL10-8	4.5	8.4	6.1	24.5	12.6				
CL16-6	5.4	6.4	7.1	30	10.2	16	16	10	
CL16-8	5.4	8.4	7.1	30	12.7				
CL25-6	6.8	6.4	8.8	30	12.6				
CL25-8	6.8	8.4	8.6	30	12.4	25-35	25	16	
CL25-10	6.8	10.5	8.8	31	15				
CL35-6	8.2	6.4	10.5	35	15.3				
CL35-8	8.2	8.4	10.5	35	15.3	50	35	25	
CL35-10	8.2	10.5	10.5	35	15.3				
CL35-12	8.2	13	10.5	36.5	18.6				
CL50-8	9.5	8.4	12.5	43	18				
CL50-10	9.5	10.5	12.5	43	18	70	50	35	
CL50-12	9.5	13	12.5	43	19				
CL70-8	11.2	8.4	14.5	50	23				
CL70-10	11.2	10.5	14.5	50	21	95	70	50	
CL70-12	11.2	13	14.5	50	21				
CL95-10	13.5	10.5	17.2	55	25	120	95	70	
CL95-12	13.5	13	17.2	55	25.5				
CL120-10	15	10.5	19.2	60	28	150	120	70-95	
CL120-12	15	13	19.2	60	28				
CL120-16	15	17	19.2	60	28				
CL150-12	16.5	13	20.8	69	30.5				
CL150-14	16.5	15	20.8	72	30.5	-	150	95	
CL150-16	16.5	17	20.8	75	31				
CL185-12	18	13	23.2	78	35				
CL185-14	18.5	15	23.2	78	35	-	185	120-150	
CL185-16	18	17	23.2	78	35				
CL240-14	21	15	26	90	38.3	-	240	150-185	
CL240-16	20.3	17	26	90	38.3				
CL300-16	23.5	17	30	100	43.5	-	300	185-240	
CL400-16	28.5	17	36.5	115	53	-	400	300	
CL400-20	28.5	21	36.5	115	53	-	400	300	
CL500-16	29.5	17	39	125	56	-	500	300	
CL625-16	34.5	17	44	130	62	-	625	400	

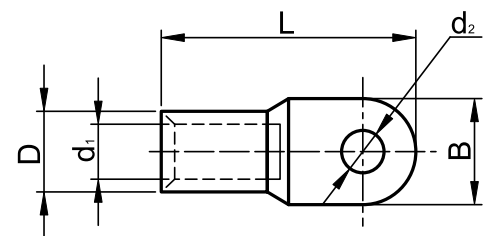
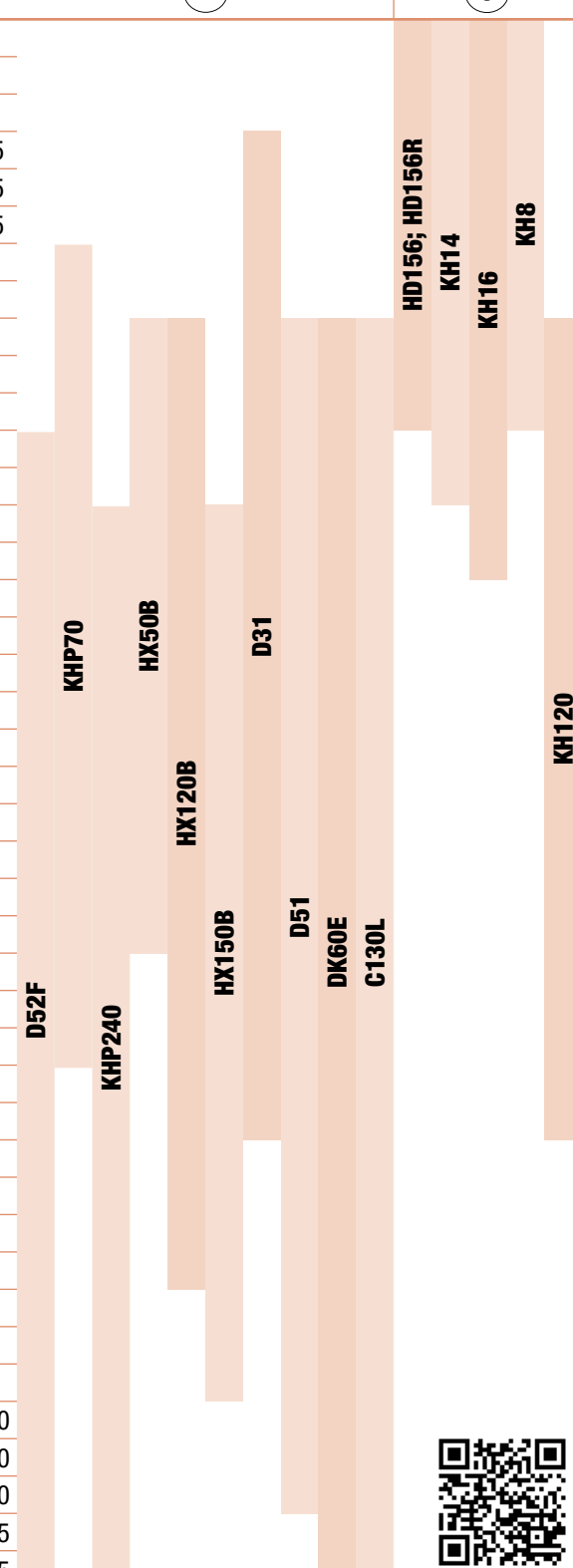


**RELEVANT STANDARD  
EN 61238-1**

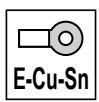


## Un-insulated ring-tube type cable lug, H series






TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	B (mm)	mm <sup>2</sup>			
									
CLH1.5-3	1.8	3.4	3.7	19.5	8	1.5	1.5	1-1.5	
CLH1.5-4	1.8	4.4	3.7	19.5	8	1.5	1.5	1-1.5	
CLH1.5-5	1.8	5.4	3.7	19.5	8	1.5	1.5	1-1.5	
CLH2.5-4	2.5	4.4	4.4	21.5	10	2.5-4	2.5	1.5-2.5	
CLH2.5-5	2.5	5.4	4.4	21.5	10	2.5-4	2.5	1.5-2.5	
CLH2.5-6	2.5	6.4	4.4	21.5	10	2.5-4	2.5	1.5-2.5	
CLH4-5	3.8	5.4	5.3	23.5	10	4	2.5-4	2.5	
CLH4-6	3.8	6.4	5.3	23.5	10	4	2.5-4	2.5	
CLH6-5	4.4	5.4	6	32	8.6	10	6	4	
CLH6-6	4.4	6.4	6	32	8.6	10	6	4	
CLH6-8	4.4	8.4	6	32	8.6	10	6	4	
CLH10-6	6	6.4	8	38.5	11.3	10-16	10	6	
CLH10-8	6	8.4	8	38.5	11.3	10-16	10	6	
CLH16-6	6.8	6.4	9	42	13	16	16	10	
CLH16-8	6.8	8.4	9	42	13	16	16	10	
CLH25-6	7.8	6.4	10	46	14.4	25-35	25	16	
CLH25-8	7.8	8.4	10	46	14.4	25-35	25	16	
CLH25-10	7.8	10.5	10	46	14.4	25-35	25	16	
CLH35-6	8.8	6.4	11	52	16.4	50	35	25	
CLH35-8	8.8	8.4	11	52	16.4	50	35	25	
CLH35-10	8.8	10.5	11	52	16.4	50	35	25	
CLH35-12	8.8	12.5	11	52	16.4	50	35	25	
CLH50-8	10.8	8.4	13	54.5	19.3	50	35	25	
CLH50-10	10.8	10.5	13	54.5	19.3	50	35	25	
CLH50-12	10.8	12.5	13	54.5	19.3	50	35	25	
CLH70-8	12.6	8.4	15	61	21.8	95	70	50	
CLH70-10	12.6	10.5	15	61	21.8	95	70	50	
CLH70-12	12.6	12.5	15	61	21.8	95	70	50	
CLH95-10	15.2	10.5	18	65.5	26.5	120	95	70	
CLH95-12	15.2	12.5	18	65.5	26.5	120	95	70	
CLH120-10	16	10.5	19	72	27.8	150	120	70-95	
CLH120-12	15	12.5	19	72	27.8	150	120	70-95	
CLH120-14	16	14.5	19	72	27.8	150	120	70-95	
CLH120-16	16	16.5	19	72	27.8	150	120	70-95	
CLH150-12	17	12.5	21	80	30.6	-	150	95	
CLH150-14	17	14.5	21	80	30.6	-	150	95	
CLH150-16	17	16.5	21	80	30.6	-	150	95	
CLH185-12	19.4	12.5	24	85	35.2	-	185	120-150	
CLH185-14	19.4	14.5	24	85	35.2	-	185	120-150	
CLH185-16	19.4	16.5	24	85	38.2	-	185	120-150	
CLH240-14	21.4	14.5	26	95	38	-	240	150-185	
CLH240-16	21.4	16.5	26	95	38	-	240	150-185	

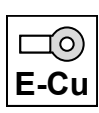


RELEVANT STANDARD  
**EN 61238-1**

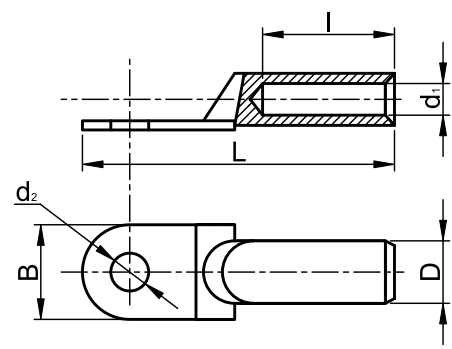


**Un-insulated copper long ring-tube type cable lug**

TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	I (mm)	B (mm)	mm <sup>2</sup>			
										
SZ-CL10	6	8.5	10	68.5	31	16	16	10	6	
SZ-CL16	6.5	8.5	10	65	32	16	25	16	10	
SZ-CL25	7.5	8.5	11	70	35	18	35	25	16	
SZ-CL35	8.7	10.5	12	80	38	20	50	35	25	
SZ-CL50	10	10.5	14	85	42	23	70	50	25	
SZ-CL70	12	12.5	16	95	47	26	95	70	50	
SZ-CL95	14	12.5	18	103	48	28	120	95	70	
SZ-CL120	15.5	14.5	20	111	52	30	150	120	70-95	
SZ-CL150	17	14.5	22	121	56	34	-	150	120	
SZ-CL185	19	16.5	25	125	59	38	-	185	120-150	
SZ-CL240	21.5	16.5	27	135	60	40	-	240	150-185	








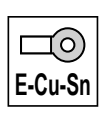
RELEVANT STANDARD  
**EN 61238-1**



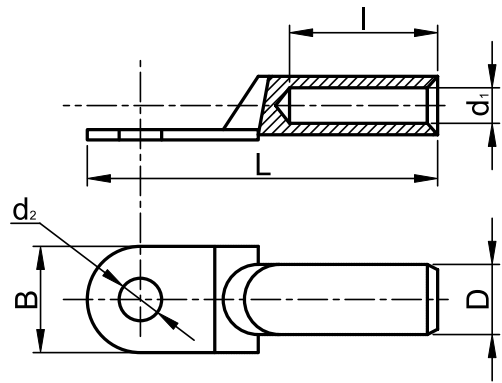
D31  
D51  
DK60E; C130L  
KH120

**Non-insulated long ring-tube terminal, copper, tinned**

TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	I (mm)	B (mm)	mm <sup>2</sup>			
										
SZ-CLSN10	5.8	8.5	9	63	30	16	16	10	6	
SZ-CLSN16	6,5	8.5	10	65	32	16	25	16	10	
SZ-CLSN25	7,5	8.5	11	70	35	18	35	25	16	
SZ-CLSN35	8,7	10.5	12	80	38	20	50	35	25	
SZ-CLSN50	10	10.5	14	85	42	23	70	50	35	
SZ-CLSN70	12	12.5	16	95	47	26	95	70	50	
SZ-CLSN95	14	12,5	18	103	48	28	120	95	70	
SZ-CLSN120	15,5	14,5	20	111	52	30	150	120	70-95	
SZ-CLSN150	17	14,5	22	121	56	34	-	150	120	
SZ-CLSN185	19	16,5	25	125	59	38	-	185	120-150	
SZ-CLSN240	21,5	16,5	27	135	60	40	-	240	150-185	

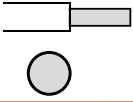






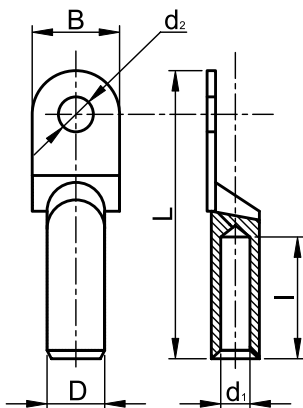
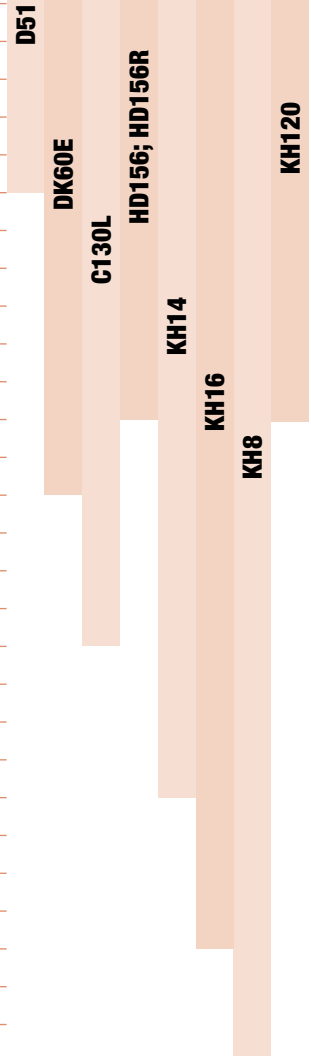
RELEVANT STANDARD  
**EN 61238-1**



D31  
D51  
DK60E; C130L  
KH120

## Un-insulated long ring-tube type cable lug from aluminum

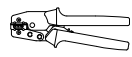
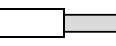

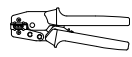
TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	I (mm)	B (mm)	mm <sup>2</sup>			
										
AS16-6	5.5	6.4	8.5	65	32	13	25	16	D51	
AS16-8	5.5	8.4	8.5	69	32	13	25	16		
AS25-6	7	6.4	12	75	36	18	35	25		
AS25-8	7	8.4	10	72	32	18	35	25		
AS25-10	7	10.5	10	74	32	18	35	25		
AS35-6	8.5	6.4	12.5	59	32	15	50	35		
AS35-8	8.5	8.4	14	85	42	20	50	35		
AS35-10	8.5	10.5	12.5	80	32	19	50	35		
AS35-12	8.5	13	12.5	81	32	21	50	35		
AS50-8	10	8.4	14.5	91	45	20	70	50		
AS50-10	10	10.5	14.5	94	45	22	70	50		
AS50-12	10	13	14.5	95	45	24	70	50		
AS70-8	11.5	8.4	16.5	95	45	24	95	70		
AS70-10	11.5	10.5	16.5	98	45	24	95	70		
AS70-12	11.5	13	16.5	100	45	24	95	70		
AS95-10	13.5	10.5	19	112	56	28	120	95/120		
AS95-12	13.5	13	19	113	56	28	120	95/120		
AS120-10	15.5	10.5	21	119	56	32	150	120/150		
AS120-12	15.5	13	21	121	56	32	150	120/150		
AS120-14	15.5	15	21	98	56	32	150	120/150		
AS120-16	15.5	17	21	125	56	32	150	120/150		
AS150-10	17	10.5	23.5	130	56	34	185	150		
AS150-12	17	13	23.5	132	56	34	185	150		
AS150-14	17	15	23.5	109	56	34	185	150		
AS150-16	17	17	23.5	136	56	34	185	150		
AS185-10	19	10.5	25.5	136	64	37	240	185		
AS185-12	19	13	25.5	137	64	37	240	185		
AS185-14	19	15	25.5	115	64	37	240	185		
AS185-16	19	17	25.5	142	64	37	240	185		
AS240-12	21.5	13	29	151	64	42	300	240		
AS240-14	21.5	15	29	130	64	42	300	240		
AS240-16	21.5	17	29	156	64	42	300	240		

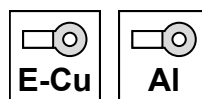


RELEVANT STANDARD  
EN 61238-1

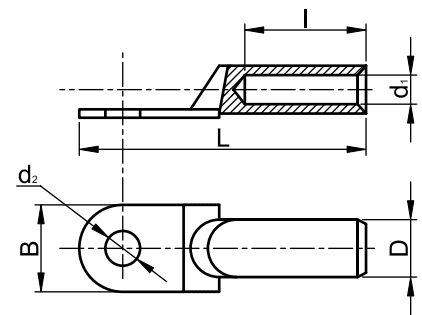


**Long ring-tube type cable lug**


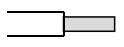
TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	I (mm)	B (mm)	mm <sup>2</sup>		
									
RA16-6	5.8	6.5	10.3	69	32	16	16-25	16	
RA16-8	5.8	8.5	10.3	69	32	16	16-25	16	
RA25-8	7.5	8.5	12	76	32	18	35	25	
RA35-8	8.5	8.8	14.3	85	37.5	20	50	35-50	
RA50-10	9.5	10.5	16	91	41	23	70	50	
RA70-12	11.5	12.5	18	101	43.5	26	95	70	
RA95-12	13.5	12.5	20	107	46.5	28	120	95-120	
RA120-14	15.5	14.5	23	118	53	30	150	120-150	
RA150-14	16.5	14.5	24	125	55	34	185	150	
RA185-16	18.5	17	27	133	60	37	240	185	
RA240-16	21	16.5	30	139	60	40	300	240	

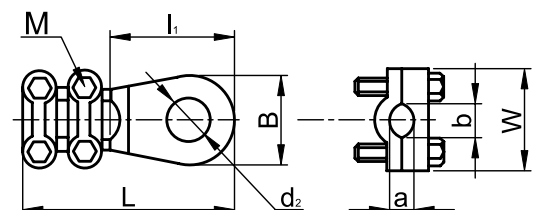


RELEVANT STANDARD  
**EN 61238-1**

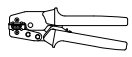


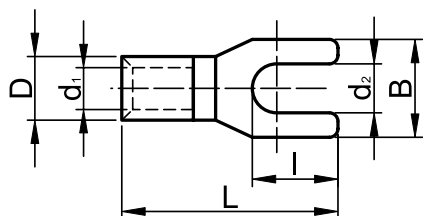
**Un-insulated ring type cable lug with screw**

TRACON	a (mm)	b (mm)	d <sub>2</sub> (mm)	L (mm)	I <sub>1</sub> (mm)	B (mm)	W (mm)	X 	 mm <sup>2</sup>
WCJB-25-35	4	7	10.5	52.5	25	21.5	24.5	4 × M5 × 22	25-35
WCJB-50-70	5	10	10.5	61	26	23	31	4 × M6 × 24	50-70
WCJB-70-95	5.5	11.5	10.5	69	32	23.5	35	4 × M6 × 30	70-95
WCJB-95-120	5.5	13	13.5	74	28.5	28.5	42	4 × M8 × 35	95-120
WCJB-120-150	5.5	13	13.5	74	30	27	41	4 × M8 × 35	120-150
WCJB-150-185	6.5	13	13.5	76.5	31	28	42.5	4 × M8 × 35	150-180
WCJB-185-240	6.5	14	13.5	80.3	32.5	30	44	4 × M8 × 35	185-240
WCJC-16	3	4.5	8	37	22.5	16	21.5	2 × M5 × 20	16
WCJC-25-35	5	8.5	11	47.5	27.5	22	22	2 × M5 × 23	25-35
WCJC-50-70	6	9.5	11	60.5	31	23	30	4 × M6 × 24	50-70
WCJC-70-95	7	12	13	66.5	35	27	33	4 × M6 × 29	70-95
WCJC-120-150	7	12.5	15	72.5	42	32	32	4 × M6 × 29	120-150
WCJC-185-240	14	19	18	90	46	39	45	4 × M8 × 40	185-240
WCJC-300	14.5	23	21	106	54	45.5	55.5	4 × M10 × 48	300

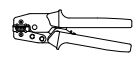


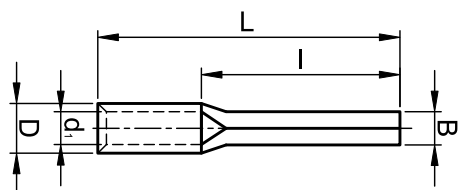
### Un-insulated spade type cable lug

TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	I (mm)	B (mm)	mm <sup>2</sup>				
							Circle	Stranded	Circle		
V1.5-3	1.7	3.7	3.4	15.5	6.5	5.7				HD156; HD156R	
V1.5-4	1.7	4.3	3.4	15.5	6.7	7.2	1.5	1-1.5	0.5-1		
V1.5-5	1.7	5.3	3.4	15.5	7.8	6.4					
V1.5-6	1.7	6.4	3.4	15.5	8.9	8.1					
V2.5-3	2.3	3.7	4.1	16	6.9	6					HX50B; HX120B; D31
V2.5-4	2.3	4.3	4.1	16	7.3	7.2	2.5-4	2.5	1.5		
V2.5-5	2.3	5.3	4.1	16	7.7	8.1					
V2.5-6	2.3	6.4	4.1	16	8.8	9.5					
V4-3	3.4	3.7	5.6	19.5	6.7	8.3				KH14 KH16 KH8	
V4-4	3.4	4.3	5.6	19.5	7	8.3	4	4-6	6		
V4-5	3.4	5.3	5.6	19.5	7.5	9					
V4-6	3.4	6.4	5.6	19.5	10.3	12					
V10-4	4.5	4.3	7.2	23	8.3	8.7	10-16	10	6		
V10-5	4.5	5.3	7.2	24.5	8.7	12					
V10-6	4.5	6.4	7.2	24.5	9.4	12					
V16-5	5.8	5.3	9	28	9.7	12	25	16	10		
V16-6	5.8	6.4	9	28	9.8	12					



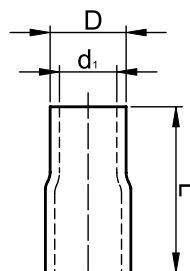
### Un-insulated pin type cable lug

TRACON	d <sub>1</sub> (mm)	D (mm)	L (mm)	I (mm)	B (mm)	mm <sup>2</sup>			
						Circle	Stranded	Circle	
CS1.5	1.7	3.2	16.7	11.5	1.7	1.5-2.5	1.5	1-1.5	HD156; HD156R; KH8; KH14; KH16
CS2.5	2.3	3.8	16.7	11.5	2	2.5-4	2.5	1.5	
CS4	3.4	5.5	20	12.5	2.6	6	4-6	4	





### Insulation for bare cable lugs

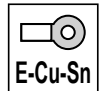
TRACON	d <sub>1</sub> (mm)	D (mm)	L (mm)	mm <sup>2</sup>
FSZIG10	6	9.4	21.5	10
FSZIG16	8.1	11.4	28.3	16
FSZIG25	9.8	13.1	30.1	25
FSZIG35	11	14.4	34.7	35
FSZIG50	13.8	17.2	43.7	50
FSZIG95	15.8	19.3	47.5	95
FSZIG120	17.6	21.2	56.6	120



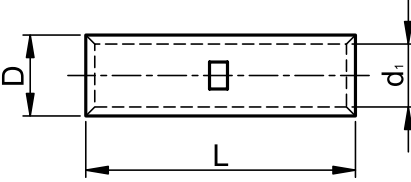
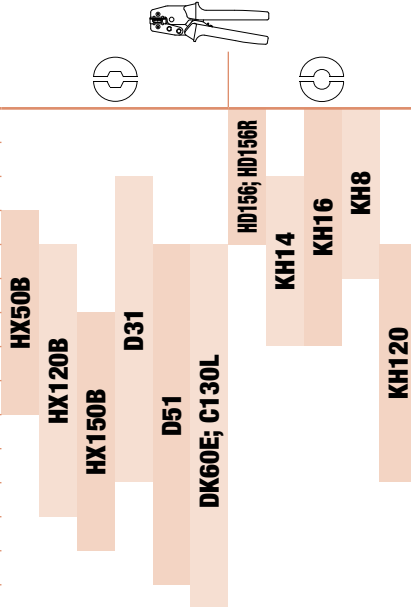
**Un-insulated sleeve connector**

TRACON	d <sub>1</sub> (mm)	D (mm)	L (mm)	mm <sup>2</sup>											
				○	●	●	○	○	○	○	○	○			
TH1.5	1.9	3.5	12	1.5-2.5	1.5-2.5	1-1.5									
TH2.5	2.4	3.9	13	4	4	1.5									
TH4	2.8	4.5	15	4-6	4-6	2.5									
TH6	3.8	5.5	15	6-10	6-10	4									
TH10	4.5	6.1	20	10-16	10-16	6									
TH16	5.4	7.1	20	16-25	16-25	10									
TH25	6.8	8.7	28	25-35	25-35	16									
TH35	8.2	10.5	32	50	50	25									
TH50	9.5	12.4	35	70	70	35									
TH70	11.2	14.7	38	95	95	50									
TH95	13.5	17.4	42	120	120	70									
TH120	15	19.4	45	150	150	70/95									
TH150	16.5	21.2	53	-	-	95									
TH185	18.5	23.5	62	-	-	120									
TH240	21	26.5	72	-	-	150-185									






**RELEVANT STANDARD  
EN 61238-1**


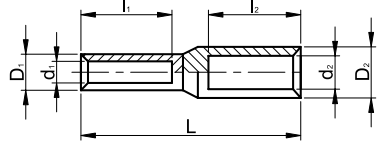
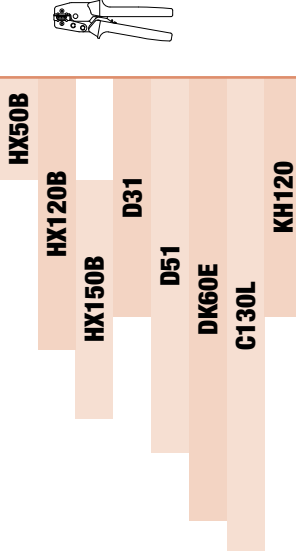
**Un-insulated copper-aluminium sleeve connector**

TRACON	d <sub>1</sub> /d <sub>2</sub> (mm)	D <sub>1</sub> /D <sub>2</sub> (mm)	L (mm)	I <sub>1</sub> /I <sub>2</sub> (mm)	mm <sup>2</sup>										
					○	●	●	○	●	○	○	○	○	○	○
RT16/25	6/6.7	10/12.1	75	26.5/32	16	10	6	25	16						
RT16/70	5.5/11	12/17.5	90.5	29.5/45	16	10	6	70	50						
RT25/35	7.3/8	11.6/13.1	83.5	30/40	25	16	10	35	25						
RT35/50	8.5/10	13.3/15.3	95.6	32/42	35	25	16	50	35-50						
RT35/70	8.5/11	12/17.5	90	30/45	35	25	16	70	50						
RT50/70	9.5/11.5	14.6/18	104.5	38/50	50	35	25	70	50						
RT70/95	11.5/13.5	17/21.5	111	40/50	70	50	35	95	70						
RT95/120	12.6/15	19/23.2	110	42/55	95	70	50	120	95-120						
RT95/150	13.5/16.5	19/24.8	116	42/55	95	70	50	150	120-150						
RT120/150	15/17	19/24	118	44/55	120	95	70	150	120-150						
RT150/185	16.6/18	22.5/25.2	125	46/60	-	120	95	185	150-185						
RT185/240	18.5/21	26/30	130	54/60	-	150	120	240	185						
RT185/300	18.5/23	26/34	136	54/65	-	150	120	300	240						
RT240/300	21/23	28/34	145	56/65	-	185	120-150	300	240						



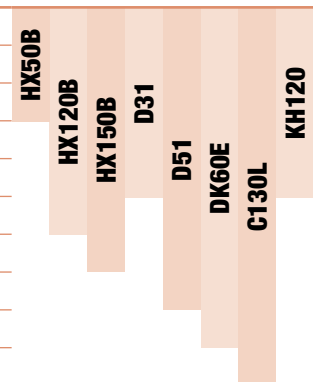



**RELEVANT STANDARD  
EN 61238-1**

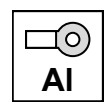
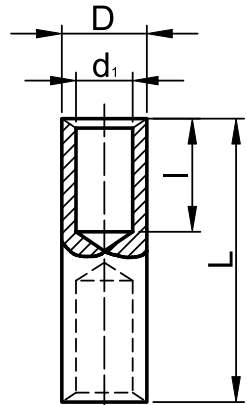




**Un-insulated aluminium sleeve connector**

TRACON	d <sub>1</sub> (mm)	D (mm)	L (mm)	I (mm)	mm <sup>2</sup>			
AT16	5.8	10	70	34.5	25	16		
AT25	7.4	12.1	75	36.7	35	25		
AT35	9.1	14.1	84.5	41.5	50	35		
AT50	9.5	16.1	94.5	46.4	70	50		
AT70	12.2	18	105	51	95	70		
AT95	13.2	21	110	53	120	95-120		
AT120	15.2	23.2	115	55.5	150	120-150		
AT150	16.4	25.5	120	58	185	150		
AT185	19	27.6	122	58	240	185		
AT240	20	30.2	130	63	300	240		

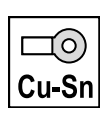
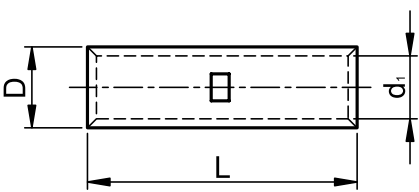


RELEVANT STANDARD  
**EN 61238-1**




**Non-insulated sleeve connector with screw, tinned**

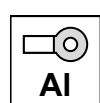
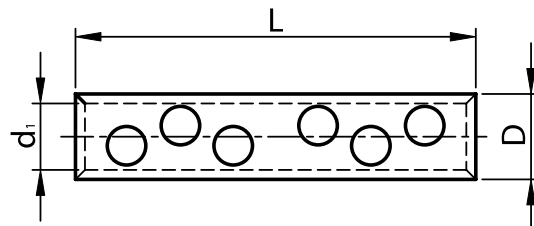
TRACON	D (mm)	d <sub>1</sub> (mm)	L (mm)	X 	mm <sup>2</sup>		
THCS6	5,9	3,9	20	2 x M4	4-6	4	2,5
THCS10	7,9	4,5	30	2 x M4	6-10	6-10	4-6
THCS16	9,9	6,3	40	4 x M5	16-25	10-16	6-10
THCS25	11,5	7	45	4 x M5	25-35	25	16
THCS35	12,9	8,4	45	4 x M5	50	35	25
THCS50	15	10,2	48	4 x M6	70	50	35
THCS70	18	12,00	51	4 x M8	70	-	50
THCS95	20	13,70	55	4 x M8	95	-	70
THCS120	22	15,00	54	4 x M8	120	-	95
THCS150	24,50	16,90	59,3	4 x M8	150	-	120
THCS185	27	19,00	59	4 x M8	185	-	150
THCS240	30	22,00	64,7	4 x M8	240	-	185
THCS300	30	23,50	64,5	4 x M8	300	-	240






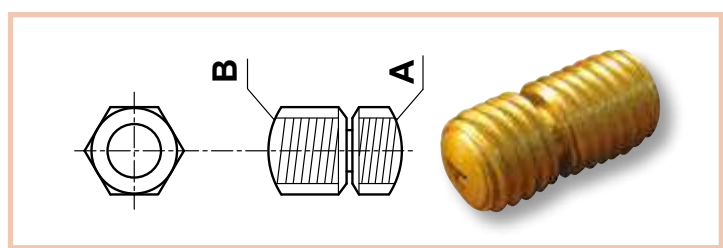
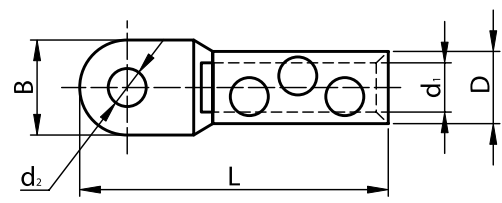
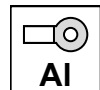
**Aluminium connectors to be used with break-off head screws**

TRACON		$d_1$ (mm)	D (mm)	L (mm)	X 
<b>AT10-35CS</b>	10 – 35	8.5	19	45	(1+1) × M10
<b>AT35-150CS</b>	35 – 150	15.8	28	80	(1+1) × M17
<b>AT120-300CS</b>	120 – 300	24	37	140	(2+2) × M22



**Aluminium cable lugs to be used with break-off head screws**



TRACON		$d_1$ (mm)	$d_2$ (mm)	D (mm)	L (mm)	B (mm)	X 
<b>AS25-95CS</b>	25 - 95	12.8	13	24	73	24	1 × M13
<b>AS25-95CS16</b>	16 - 70	12.3	16.2	23.3	74.7	23.2	1 × M12

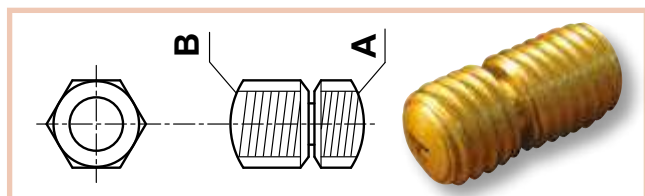
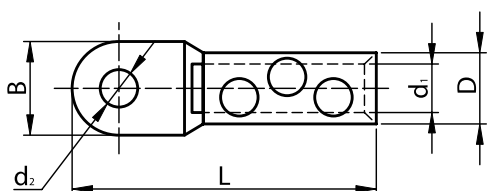


**RELEVANT STANDARD  
MSZ-05-45.1601-1**



## Aluminium/copper cable lugs to be used with break-off head screws

TRACON	 mm <sup>2</sup>	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	B (mm)	X 
<b>RA16-70CS12</b>	<b>B:</b> 16 - 35	11	13	23	104	25	2 × M12
	<b>A:</b> 50 - 70						2 × M12
<b>RA95-150CS12</b>	<b>B:</b> 95 - 120	16	13	30	110	30	2 × M12
	<b>A:</b> 150						2 × M12
<b>RA185-240CS16</b>	<b>B:</b> 185	20	17	35	115	38	3 × M16
	<b>A:</b> 240						3 × M16



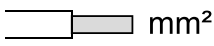

## Protection and contact paste

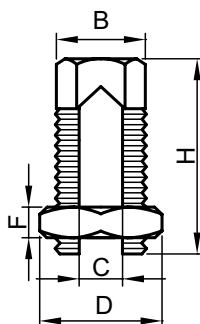
TRACON	
<b>VKP</b>	150 g







The paste can be used to prevent corrosion between contact surfaces especially in case of making pressing or screw contact between Al-Al, Al-Cu and Cu-Cu elements.

## Screw branch joint terminal

TRACON	 mm <sup>2</sup>	H (mm)	C (mm)	B (mm <sup>2</sup> )	D (mm)	F (mm)	 M
<b>YCSK-6</b>	1.5-6	24	3.2	10	12.7	6.5	M12
<b>YCSK-10</b>	2.5-10	27.3	5.5	12.7	19	5.6	M12
<b>YCSK-16</b>	4-16	27	7	16	18	6	M14×1.5
<b>YCSK-25</b>	6-25	35	9	21	21	6	M18×1.5

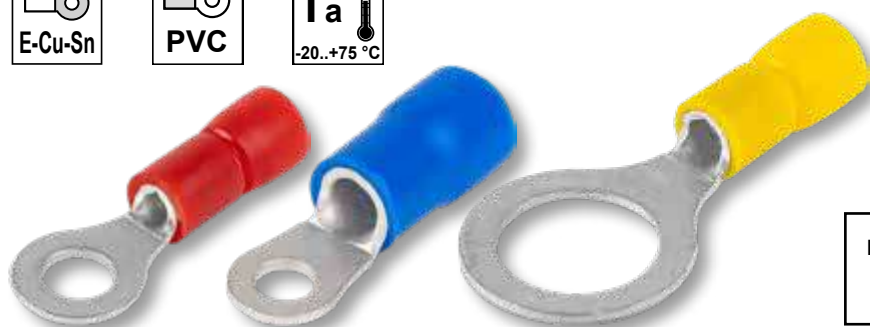


**Insulated ring type cable lugs**

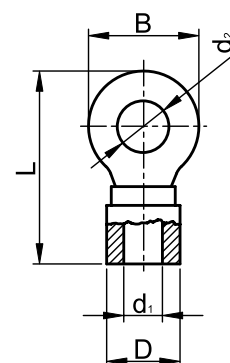
TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	B (mm)	mm <sup>2</sup>			
									
■ PSZ3	1.7	3.7	5.4	18	5.6	1.5	1-1.5	0.75-1	
■ PSZ4	1.7	4.3	5.4	22.3	8	1.5	1-1.5	0.75-1	
■ PSZ5	1.7	5.3	5.4	22.3	8	1.5	1-1.5	0.75-1	
■ PSZ6	1.7	6.4	5.4	27.7	11.5	1.5	1-1.5	0.75-1	
■ PSZ8	1.7	8.4	5.4	27.7	11.5	1.5	1-1.5	0.75-1	
■ PSZ10	1.7	10.5	5.4	31.8	13.6	1.5	1-1.5	0.75-1	
■ K SZ3	2.3	3.7	6.1	22.8	8.4	2.5-4	1.5-2.5	1.5-2.5	
■ K SZ4	2.3	4.3	6.1	22.8	8.4	2.5-4	1.5-2.5	1.5-2.5	
■ K SZ5	2.3	5.3	6.1	23.4	9.4	2.5-4	1.5-2.5	1.5-2.5	
■ K SZ6	2.3	6.4	6.1	28.7	11.7	2.5-4	1.5-2.5	1.5-2.5	
■ K SZ8	2.3	8.4	6.1	28.7	11.7	2.5-4	1.5-2.5	1.5-2.5	
■ K SZ10	2.3	10.5	6.1	32	13.6	2.5-4	1.5-2.5	1.5-2.5	
■ K SZ12	2.3	13	6.1	35	18.9	2.5-4	1.5-2.5	1.5-2.5	
■ SSZ3	3.4	3.7	8	22.1	7.3	6	4-6	4	
■ SSZ4	3.4	4.4	8	28.2	9.4	6	4-6	4	
■ SSZ5	3.4	5.3	8	27.5	9.4	6	4-6	4	
■ SSZ6	3.4	6.4	8	31.5	11.9	6	4-6	4	
■ SSZ8	3.4	8.4	8	36.4	14.9	6	4-6	4	
■ SSZ10	3.4	10.5	8	36.4	14.9	6	4-6	4	
■ SSZ12	3.4	13	8	40	18.9	6	4-6	4	
■ PSZ10-5	4.5	5.3	10	34.1	12.1	10-16	10	6	
■ PSZ10-6	4.5	6.4	10	34.1	12.1	10-16	10	6	
■ PSZ10-8	4.5	8.4	10	40.4	14.8	10-16	10	6	
■ PSZ10-10	4.5	10.5	10.5	38.5	14.8	10-16	10	6	
■ PSZ10-12	4.5	13	10.5	43.4	18.9	10-16	10	6	
■ K SZ16-5	5.8	5.3	12.5	38	11.9	25	16	10	
■ K SZ16-6	5.8	6.4	12.5	37.6	11.9	25	16	10	
■ K SZ16-8	5.8	8.4	12.5	41.6	15.9	25	16	10	
■ K SZ16-10	5.8	10.5	12.5	41.7	15.9	25	16	10	
■ K SZ16-12	5.8	13	12.5	50	22	25	16	10	
■ SSZ25-5	7.7	5.3	15	44.5	16.5	35-50	25-35	16-25	
■ SSZ25-6	7.7	6.4	15	44.5	16.5	35-50	25-35	16-25	
■ SSZ25-8	7.7	8.4	15	44.5	16.5	35-50	25-35	16-25	
■ SSZ25-10	7.7	10.5	15	47.4	17.4	35-50	25-35	16-25	
■ SSZ25-12	7.7	13	15	53.5	22	35-50	25-35	16-25	
■ PSZ35-6	9.4	6.4	18	53.5	22	70	50	35	
■ PSZ35-8	9.4	8.4	18	53.5	22	70	50	35	
■ PSZ35-10	9.4	10.5	18	53.8	22	70	50	35	
■ PSZ35-12	9.4	13	18	53.8	22	70	50	35	

**9006; 9006R;  
9006RS**

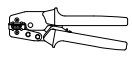



**LY35C**

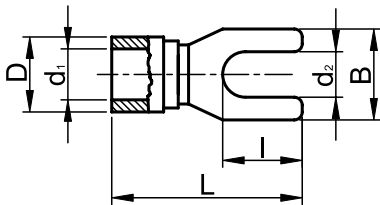


**RELEVANT STANDARD  
EN 61238-1**




## Insulated spade type cable lugs

TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	I (mm)	B (mm)	mm <sup>2</sup>			
										
<b>PV3</b>	1.7	3.7	5.4	21.5	6.4	6.3	1.5	1.5	0.75-1	<b>9006; 9006R; 9006RS</b>
<b>PV4</b>	1.7	4.3	5.4	21.5	6.6	7.1	1.5	1.5	0.75-1	
<b>PV5</b>	1.7	5.3	5.4	22.5	7.6	7.9	1.5	1.5	0.75-1	
<b>PV6</b>	1.7	6.4	5.4	25.5	8.7	10.8	1.5	1.5	0.75-1	
<b>KV3</b>	2.3	3.7	6.1	22.7	6.6	6.2	2.5-4	1.5-2.5	1.5-2.5	
<b>KV4</b>	2.3	4.3	6.1	22.7	7.1	7.1	2.5-4	1.5-2.5	1.5-2.5	
<b>KV5</b>	2.3	5.3	6.1	23	7.6	7.9	2.5-4	1.5-2.5	1.5-2.5	
<b>KV6</b>	2.3	6.4	6.1	26.5	8.7	10.7	2.5-4	1.5-2.5	1.5-2.5	
<b>SV3</b>	3.4	3.7	8	26.5	7.3	7.2	6	4-6	4	
<b>SV4</b>	3.4	4.3	8	27.3	7	8.1	6	4-6	4	
<b>SV5</b>	3.4	5.3	8	27.3	7.4	9	6	4-6	4	
<b>SV6</b>	3.4	6.4	8	30.3	9.2	10.8	6	4-6	4	



### Recommended pressing tools

TRACON	 mm <sup>2</sup>
<b>LY35C</b>	10-35
<b>9006RS</b>	0.5-2.5
<b>9006R</b>	2.5-6
<b>9006</b>	2.5-6
<b>CRIMPSET</b>	0.5-6



### B/6, 26



LY35C



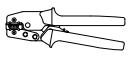
9006




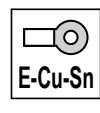
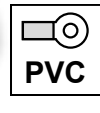
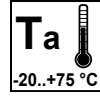
9006R

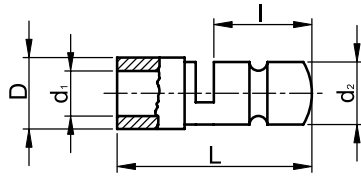


**Insulated bullet type cable lugs**


TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	I (mm)	mm <sup>2</sup>			
■ PH4	1.8	4	4.7	22.6	9	1-2.5	1-1.5	0.75-1	<b>9006; 9006R; 9006RS</b>
■ KH4	2.3	5	5.5	22	9	2.5	1.5-2.5	1.5	
■ SH4	3.5	5	7.5	24.3	9	6	4-6	4	



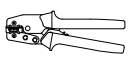
  
  





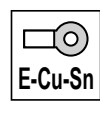
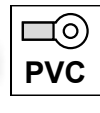
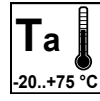
**RELEVANT STANDARD  
EN 61238-1**

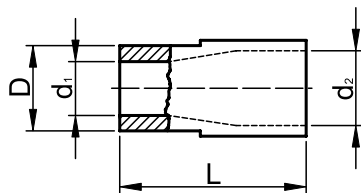


**Insulated cylindrical cable lugs**


TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	L (mm)	mm <sup>2</sup>			
■ PHA4	1.8	4	5.5	23.8	1-2.5	1-1.5	0.5-1.5	<b>9006; 9006R; 9006RS</b>
■ KHA4	2.1	5	6	23	2.5	1.5-2.5	1.5	
■ SHA4	3.5	5	7.4	25	6	4-6	4	



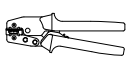
  
  





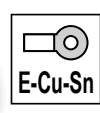
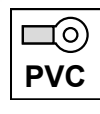
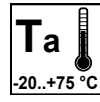
**RELEVANT STANDARD  
EN 61238-1**

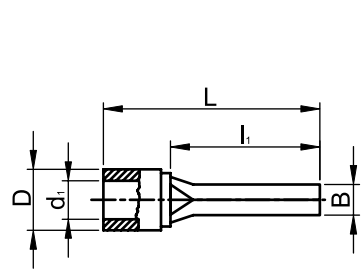



**Insulated pin type cable lugs**

TRACON	d <sub>1</sub> (mm)	D (mm)	L (mm)	I <sub>1</sub> (mm)	B (mm)	mm <sup>2</sup>			
■ PCS	1.8	5.4	23.3	12	1.9	1-2.5	1-1.5	0.5-1.5	<b>9006; 9006R; 9006RS</b>
■ KCS	2.3	6	23.3	12	1.9	2.5-4	1.5-2.5	1.5-2.5	
■ SCS	3.5	7.8	28.5	13	2.7	6	4-6	4	




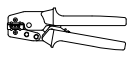



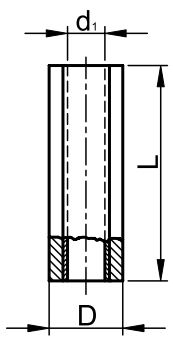
  
  


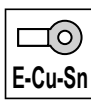
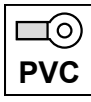






## Insulated sleeve connectors




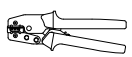
TRACON	d <sub>1</sub> (mm)	D (mm)	L (mm)		 mm <sup>2</sup>		
<span style="color: red;">■</span> PTH	2.1	6	25	1-2.5	0.5-1.5	0.5-1.5	<b>9006; 9006R; 9006RS</b>
<span style="color: blue;">■</span> KTH	2.8	6.5	25	2.5-4	1.5-2.5	1.5-2.5	
<span style="color: yellow;">■</span> STH	4.1	8	27	4-6	4-6	4	


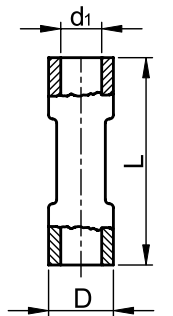



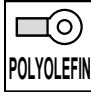

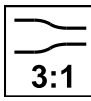
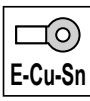
 E-Cu-Sn  
 PVC  
 Ta  
-20..+75 °C




## Butt splices


TRACON	d <sub>1</sub> (mm)	D (mm)	L (mm)		 mm <sup>2</sup>		
<span style="color: red;">■</span> ZSTHP	1.8	4.6	37	1-1.5	0.5-1.5	0.75-1	<b>9006; 9006R; 9006RS</b>
<span style="color: blue;">■</span> ZSTHK	2.6	5.4	36.6	2.5-4	1.5-2.5	1.5-2.5	
<span style="color: yellow;">■</span> ZSTHS	3.6	6.6	42	4-6	4-6	2.5-4	








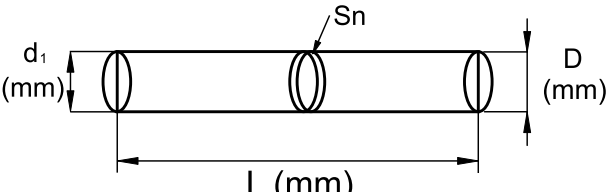
 POLYOLEFIN  
 Ta  
-55..+95 °C  
 3:1  
 E-Cu-Sn




## Heat shrinkable sleeve with Sn




TRACON	d <sub>1</sub> (mm)	D (mm)	L (mm)	 mm <sup>2</sup>
<span style="color: grey;">□</span> THSN0,5	2	2.5	24	0.25-0.5
<span style="color: red;">■</span> THSN1	2.6	4.4	40	0.5-1
<span style="color: blue;">■</span> THSN2,5	4.2	6.2	42	1.5-2.5
<span style="color: yellow;">■</span> THSN6	6	7	40	4-6

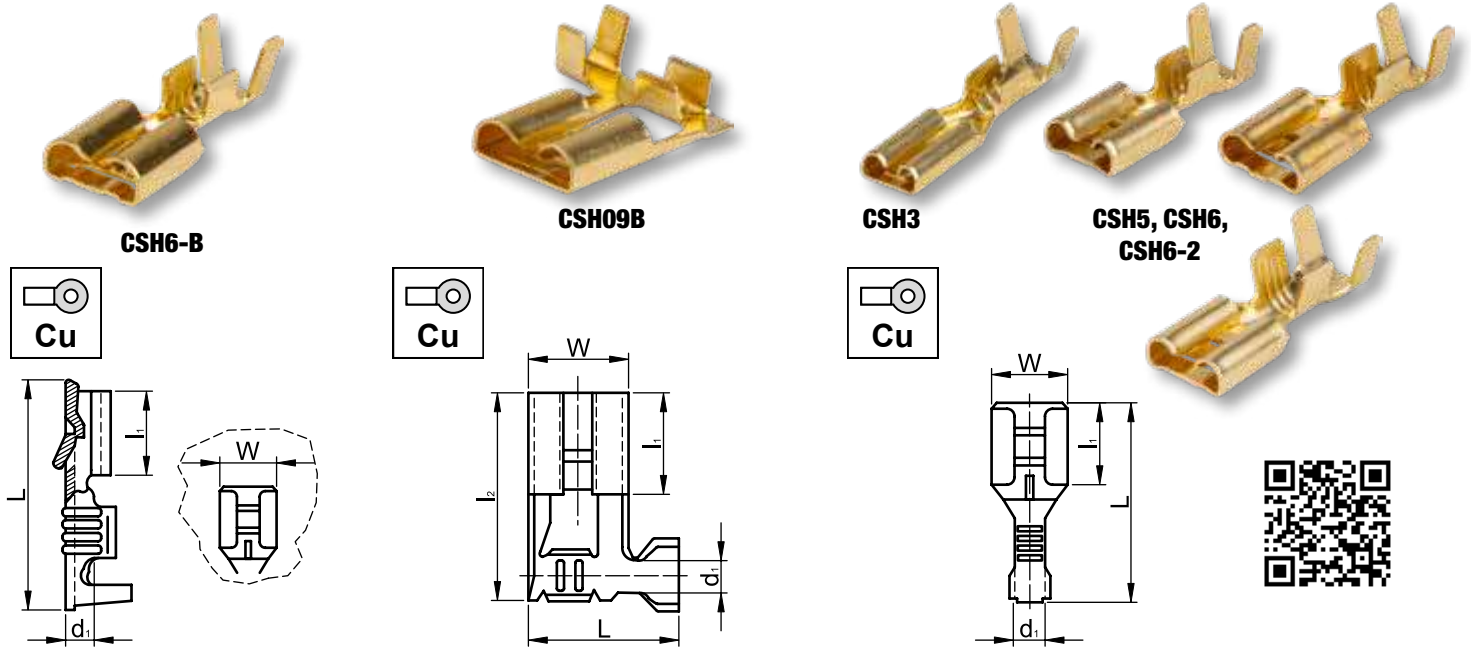
 3:1  
 POLYOLEFIN  
 Ta  
-55..+95 °C  
 Sn






**Un-insulated female flat quick-connecting terminals**

TRACON		d <sub>1</sub> (mm)	L (mm)	I <sub>1</sub> (mm)	I <sub>2</sub> (mm)	W (mm)	 mm <sup>2</sup>	
<b>CSH3</b>	2.8 × 0.5	2.7	15.5	6.7	–	3.8	0.5-1	
<b>CSH5</b>	4.8 × 0.5	3.1	15.5	6.4	–	5.7	0.5-1	
<b>CSH6</b>	6.3 × 0.8	3.7	19.5	7.7	–	7.6	1-2.5	<b>LY03B; LY03BR</b>
<b>CSH6-2</b>	6.3 × 0.8	4.3	19	7.7	–	7.6	4-6	
<b>CSH6-B</b>	6.3 × 0.8	3.7	20	7.7	–	7.6	1-2.5	
<b>CSH09B</b>	7.7 × 0.8	3.7	13.4	8.3	16.7	9	1-2.5	–



**Recommended pressing tools**

TRACON	 mm <sup>2</sup>
<b>LY03BR</b>	0.5-6
<b>LY03B</b>	0.5-6
<b>CRIMPSET</b>	0.5-6

**B/6,27**






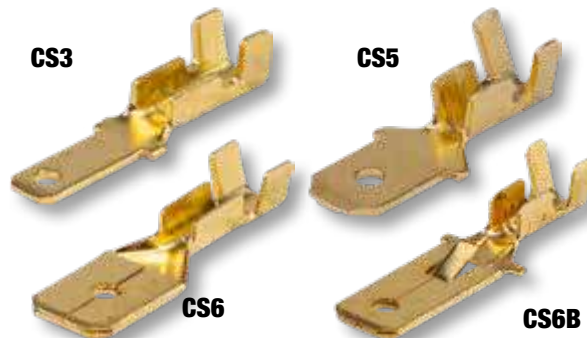
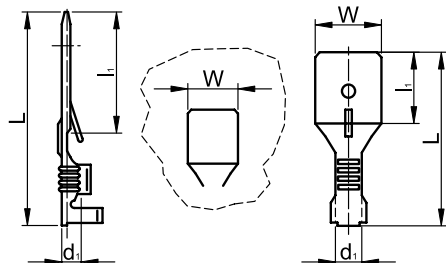
**SCAN THE QR CODE!**

- Check our new products
- Be updated

Our range of products is continuously and quickly expanding. Our catalogue shows our products as of September 2024. Check our website to stay up-to-date.

## Un-insulated male flat quick-connecting terminals




TRACON		$d_1$ (mm)	L (mm)	$l_1$ (mm)	W (mm)	 mm <sup>2</sup>	
CS3		2.8 × 0.5	2.7	13.3	6	2.8	0.5-1
CS5		4.8 × 0.5	3.1	17.9	6.4	4.8	0.5-1
CS6		6.3 × 0.8	2.6	20.3	8.4	6.3	0.75-1.5
CS6B		6.3 × 0.8	3.7	28.7	16.5	6.3	1-2.5

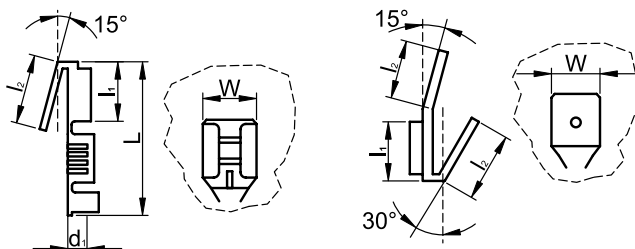


LY03B;  
LY03BR

RELEVANT STANDARD  
EN 61210

## Un-insulated male flat quick-connecting terminals with female terminal

TRACON		$d_1$ (mm)	L (mm)	$l_1$ (mm)	$l_2$ (mm)	W (mm)	 mm <sup>2</sup>	
CSE		6.3 × 0.8	3.7	20	7.7	8	6.3	1-2.5
CSEL		6.3 × 0.8	-	18.8	7.7	8.1	6.3	1-2.5



CSE




RELEVANT STANDARD  
EN 61210



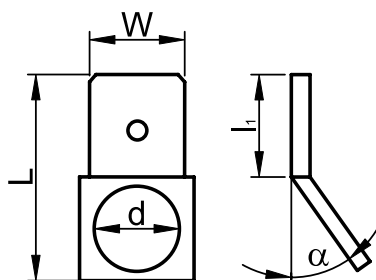
CSEL

## Screw fixing un-insulated male flat quick-connecting terminals

TRACON		d (mm)	L (mm)	$l_1$ (mm)	W (mm)	$\alpha$
CSA-45-4		6.3 × 0.8	4.4	16.5	8.2	45°
CSA-45-5		6.3 × 0.8	5.2	16.5	8.2	45°
CSA-90-5		6.3 × 0.8	5.2	16.5	8.2	90°



RELEVANT STANDARD  
EN 61210




CSA-45



CSA-90

### Light PVC insulation for female terminals

TRACON		L (mm)	A (mm)	B (mm)	C (mm)
SZICSH6	CS5, CSH6	21.4	7.4	3.3	6.5
SZICS6	CS6	22.8	9	4.7	6.9

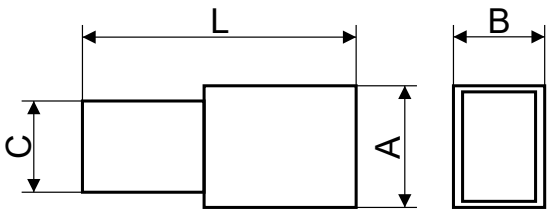


**SZICSH6**      **SZICS6**




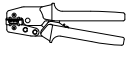
**PVC**  
**Ta**  
-20..+75 °C





**RELEVANT STANDARD**  
**EN 61210**

### Un-insulated copper cable lug, ring type for crimping

TRACON	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	B (mm)	L (mm)	 mm <sup>2</sup>	
HSZ4	3.7	4.3	10	23.2	1-2.5	<b>LY03B;</b> <b>LY03BR</b>
HSZ5	3.7	5.4	10	23.2	1-2.5	
HSZ6	3.7	6.4	9.5	19.6	1-2.5	
HSZ8	4.9	8.4	13.5	25	2.5-4	




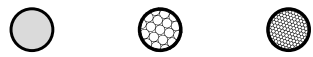
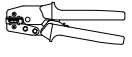


**Cu**







 **Pictograms**      **A/0**

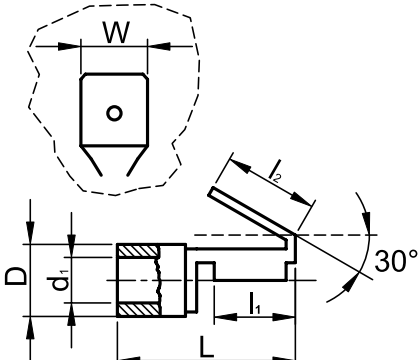
### Insulated male flat quick-connect terminals with female terminal

TRACON		d <sub>1</sub> (mm)	D (mm)	L (mm)	l <sub>1</sub> (mm)	W (mm)	 mm <sup>2</sup>		
<span style="color: red;">■</span> <b>PCSE</b>		6.3 × 0.8	1.7	4.6	22.6	8.6	6.3	1.5    1-1.5    0.5-1	<b>9006; 9006R</b>
<span style="color: blue;">■</span> <b>KCSE</b>		6.3 × 0.8	2.1	5.5	23.7	8.6	6.3	2.5    1.5-2.5    1.5	



**Cu-Sn**  
**PVC**  
**Ta**  
-20..+75 °C










**RELEVANT STANDARD**  
**EN 61210**



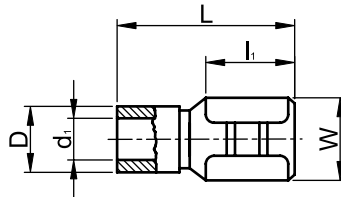
Insulated female flat quick-connect terminals

TRACON		d <sub>1</sub> (mm)	D (mm)	L (mm)	l <sub>1</sub> (mm)	W (mm)	mm <sup>2</sup>			
										
PCSH3		2.8 × 0.5	1.7	3.7	20.2	6.4	3.1	1.5	1-1.5	0.75-1
PCSH5		4.8 × 0.8	2	3.6	20.5	6.4	5.1	1.5	1-1.5	0.75-1
PCSH6		6.3 × 0.8	1.7	3.7	22.2	7.5	6.6	1.5	1-1.5	0.75-1
KCSH3		2.8 × 0.5	2.4	4.5	20.2	6.3	3.2	2.5-4	2.5	1.5
KCSH5		4.8 × 0.8	2.4	4.4	20.8	6.2	5.1	2.5-4	2.5	1.5
KCSH6		6.3 × 0.8	2.4	4.3	22.1	7.5	6.6	2.5-4	2.5	1.5
SCSH6		6.3 × 0.8	3.4	6.5	23	7.5	7.3	6	4-6	4






9006; 9006R



RELEVANT STANDARD  
EN 61210



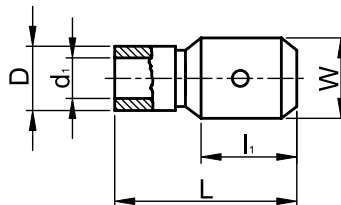
Insulated male flat quick-connect terminals

TRACON		d <sub>1</sub> (mm)	D (mm)	L (mm)	l <sub>1</sub> (mm)	W (mm)	mm <sup>2</sup>			
										
PCS5		4.8 × 0.5	1.7	4	19.2	7.6	4.8	1.5	1-1.5	0.75-1
PCS6		6.3 × 0.8	1.7	3.8	22.1	7.6	6.3	1.5	1-1.5	0.75-1
KCS5		4.8 × 0.5	2.4	4.6	18.9	6.5	4.8	2.5-4	2.5	1.5
KCS6		6.3 × 0.8	2.1	4.6	22.2	7.7	6.3	2.5-4	2.5	1.5
SCS6		6.3 × 0.8	3.5	5.4	23.2	8.4	6.3	6	4-6	4






9006; 9006R



RELEVANT STANDARD  
EN 61210



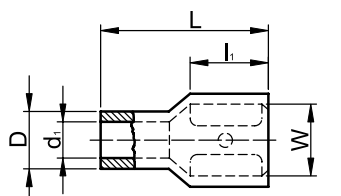
Full-insulated female flat quick-connect terminals

TRACON		d <sub>1</sub> (mm)	D (mm)	L (mm)	l <sub>1</sub> (mm)	W (mm)	mm <sup>2</sup>			
										
PTCSH3		2.8 × 0.5	2	4.2	19	6.4	3.2	1.5	1-1.5	0.75-1
PTCSH5		4.8 × 0.8	2	4.1	19.6	6.4	5.2	1-1.5	0.75-1	0.75-1
PTCSH6		6.3 × 0.8	2	4.2	21	7.5	6.6	1.5	1-1.5	0.75-1
KTCSH3		2.8 × 0.5	2.5	4.4	18.8	6.3	3.2	2.5-4	2.5	1.5
KTCSH5		4.8 × 0.8	2.5	4.7	19.2	6.2	5.1	2.5-4	2.5	1.5
KTCSH6		6.3 × 0.8	2.5	4.6	21.7	7.5	6.6	2.5-4	2.5	1.5
STCSH6		6.3 × 0.8	3.6	5.7	22.3	7.5	6.6	6	4-6	4


9006; 9006R



RELEVANT STANDARD  
EN 61210






## Un-insulated cord-end terminals

TRACON	 mm <sup>2</sup>	D (mm)	d <sub>1</sub> (mm)	S (mm)	L (mm)
<b>E01NR6</b>	0.5	1.3	1	0.2	6
<b>E01NR</b>	0.5	1.3	1	0.2	8
<b>E01N</b>	0.5	1.3	1	0.2	10
<b>E02NR</b>	0.75	1.5	1.2	0.2	8
<b>E02N</b>	0.75	1.5	1.2	0.2	10
<b>E03NR</b>	1	1.8	1.4	0.2	8
<b>E03N</b>	1	1.8	1.4	0.2	10
<b>E04NR</b>	1.5	2	1.7	0.2	8
<b>E04N</b>	1.5	2	1.7	0.2	10
<b>E05NR</b>	2.5	2.6	2.2	0.2	8
<b>E05N</b>	2.5	2.6	2.2	0.2	10
<b>E06NR</b>	4	3.2	2.8	0.2	9
<b>E06N</b>	4	3.2	2.8	0.2	12
<b>E07NR</b>	6	3.9	3.5	0.2	12
<b>E07N</b>	6	3.9	3.5	0.2	15
<b>E08NR</b>	10	4.9	4.5	0.2	12
<b>E08N</b>	10	4.9	4.5	0.2	15
<b>E09N</b>	16	6.2	5.8	0.2	15
<b>E10N</b>	25	7.9	7.5	0.2	16
<b>E11N</b>	35	8.7	8.3	0.25	16
<b>E12N</b>	50	10.9	10.3	0.3	20
<b>E13N</b>	70	15.3	13.5	0.4	22
<b>E14N</b>	95	16.8	14.6	0.4	32
<b>E08N-18</b>	10	4.9	4.5	0.2	18
<b>E09N-12</b>	16	6.2	5.8	0.2	12
<b>E10N-18</b>	25	7.9	7.5	0.2	18
<b>E14N-25</b>	95	16.8	14.6	0.4	25
<b>E15N-30</b>	120	16.8	14.6	0.4	30
<b>E16N-32</b>	150	16.8	14.6	0.4	32
















































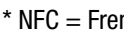






The marked items in orange are standard sizes.



Suggested crimping tools for insulated and un-insulated cord-end terminals:

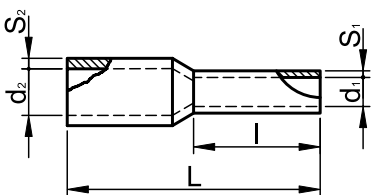
TRACON	 mm <sup>2</sup>	TRACON	 mm <sup>2</sup>	TRACON	 mm <sup>2</sup>
<b>9102-LT</b>	0.25-2.5	<b>9039AR</b>	0.5-6	<b>F6L</b>	0.5-6
<b>9004-LT</b>	0.5-16	<b>9039BR</b>	10-35	<b>F25L</b>	6-25
<b>9039</b>	6-16	<b>9039A-SPEC</b>	0.25-6	<b>F50L</b>	35-50
<b>9039A</b>	1.5-6	<b>9039B-SPEC</b>	6-16		
<b>9039B</b>	10-35	<b>9039-HEXA</b>	0.25-6		

## Insulated cord-end terminals

TRACON (NFC)*		TRACON (DIN-VDE)**		mm <sup>2</sup>	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	L (mm)	l (mm)	S <sub>1</sub> (mm)	S <sub>2</sub> (mm)
	<b>E034</b>		<b>E134</b>	0.25	0.8	1.5	10.4	6	0.15	0.25
			<b>E135</b>	0.25	0.8	1.5	12.8	8	0.15	0.25
			<b>E136</b>	0.34	0.8	1.9	10.4	6	0.15	0.3
			<b>E137</b>	0.34	0.8	1.9	12.8	8	0.15	0.3
			<b>E010</b>	0.5	1	2.6	12	6	0.15	0.25
			<b>E020</b>	0.5	1	2.6	14	8	0.15	0.25
			<b>E030</b>	0.5	1	2.6	16	10	0.15	0.25
			<b>E040</b>	0.75	1.2	2.8	12.4	6	0.15	0.25
	<b>E05</b>		<b>E050</b>	0.75	1.2	2.8	14.6	8	0.15	0.25
			<b>E060</b>	0.75	1.2	2.8	16.4	10	0.15	0.25
			<b>E070</b>	0.75	1.2	2.8	18.4	12	0.15	0.25
			<b>E080</b>	1	1.4	3	12.4	6	0.2	0.3
	<b>E09</b>		<b>E090</b>	1	1.4	3	14.6	8	0.2	0.3
			<b>E100</b>	1	1.4	3	16.4	10	0.2	0.3
			<b>E110</b>	1	1.4	3	18.4	12	0.2	0.3
	<b>E13</b>		<b>E113</b>	1.5	1.7	3.5	14.6	8	0.15	0.25
			<b>E114</b>	1.5	1.7	3.5	16.4	10	0.15	0.25
	<b>E14</b>			1.5	1.7	3.5	18	12	0.15	0.25
			<b>E115</b>	1.5	1.7	3.5	25	18	0.15	0.25
	<b>E16</b>		<b>E116</b>	2.5	2.3	4	15.2	8	0.15	0.25
			<b>E117</b>	2.5	2.3	4	19.2	12	0.15	0.25
			<b>E118</b>	2.5	2.3	4	25.2	18	0.15	0.25
	<b>E19</b>		<b>E119</b>	4	2.8	4.4	16.5	9	0.2	0.3
			<b>E120</b>	4	2.8	4.4	19.5	12	0.2	0.3
			<b>E121</b>	4	2.8	4.4	25.5	18	0.2	0.3
	<b>E22</b>		<b>E122</b>	6	3.5	6.3	20	12	0.2	0.3
			<b>E123</b>	6	3.5	6.3	26	18	0.2	0.3
	<b>E24</b>		<b>E124</b>	10	4.5	7.6	21.5	12	0.2	0.4
			<b>E125</b>	10	4.5	7.6	27.5	18	0.2	0.4
	<b>E26</b>		<b>E126</b>	16	5.8	8.8	22.2	12	0.2	0.4
			<b>E127</b>	16	5.8	8.8	28.2	18	0.2	0.4
	<b>E28</b>		<b>E128</b>	25	7.5	11.2	29	16	0.2	0.4
	<b>E29</b>		<b>E129</b>	25	7.5	11.2	35	22	0.2	0.4
	<b>E30</b>		<b>E130</b>	35	8.3	12.7	30	16	0.2	0.4
			<b>E131</b>	35	8.3	12.7	39	25	0.2	0.4
	<b>E32</b>		<b>E132</b>	50	10.3	15.3	36	20	0.3	0.6
			<b>E133</b>	50	10.3	15.3	41	25	0.3	0.6
			<b>E140</b>	70	13	16.7	37.5	21	0.5	0.75
			<b>E142</b>	95	14.5	18	43.6	25	0.6	1
			<b>E144</b>	120	16.6	20.4	48	27	0.6	1
			<b>E146</b>	150	20	23.5	58	32	0.6	1

\* NFC = French National Standard

\*\* DIN-VDE = German Industrial Standard

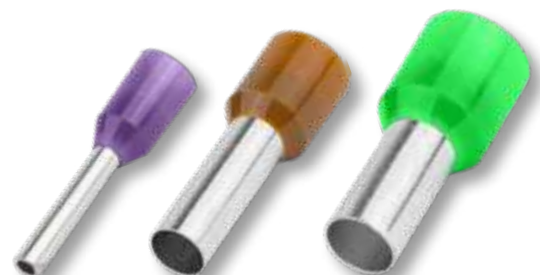


E-Cu-Sn  
 Ta  
 -40...+85°C  
 PA6.6























RELEVANT STANDARD  
**EN 61238-1**

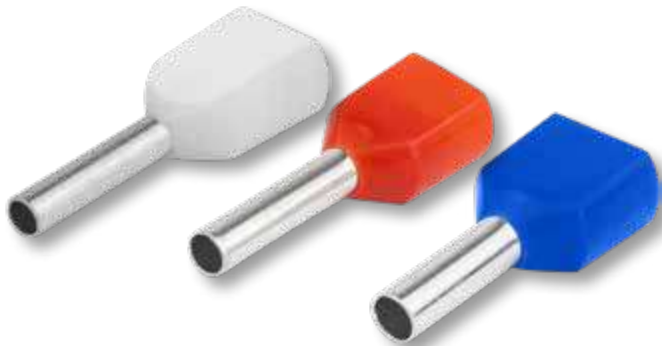


The marked items in orange are standard sizes.

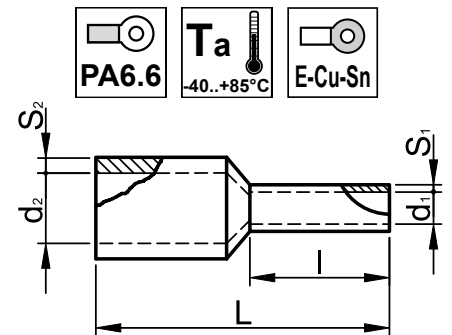


**Twin cord-end terminals**

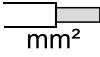
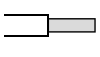




TRACON		 mm <sup>2</sup>	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	L (mm)	l (mm)	S <sub>1</sub> (mm)	S <sub>2</sub> (mm)
 <b>E20I</b>		2 × 0.5	1.5	4.7	15	8	0.2	0.5
 <b>E50I</b>		2 × 0.75	1.8	5	16	8	0.2	0.4
 <b>E50IH</b>		2 × 0.75	1.8	5	17.5	10	0.2	0.5
 <b>E90I</b>		2 × 1.0	2.3	5.4	15	8	0.15	0.3
 <b>E90IH</b>		2 × 1.0	2.3	5.4	18	10	0.2	0.5
 <b>E13IR</b>		2 × 1.5	2.3	6.5	16	8	0.2	0.4
 <b>E13I</b>		2 × 1.5	2.3	6.5	20	12	0.15	0.3
 <b>E16IR</b>		2 × 2.5	2.8	7.8	20	10	0.2	0.5
 <b>E16I</b>		2 × 2.5	2.8	7.8	22.5	13	0.2	0.5
 <b>E19I</b>		2 × 4.0	3.8	9	23.5	12	0.2	0.5
 <b>E22I</b>		2 × 6.0	4.9	10.2	25.5	14	0.2	0.4
 <b>E24I</b>		2 × 10.0	6.5	13	26.5	14	0.2	0.5
 <b>E26I</b>		2 × 16.0	8.3	18.7	32	14	0.3	0.5









RELEVANT STANDARD  
**EN 61238-1**  
**MSZ-05-45.1601-26**

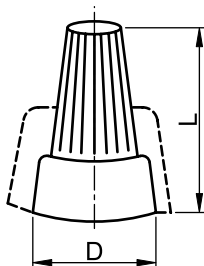


**Screwing on sleeve**

TRACON	 mm <sup>2</sup>	 mm	D (mm)	L (mm)
 <b>TFM1</b>	0.5-1.5	10	8.6	15
 <b>TFM2</b>	0.75-2.5	10	9.7	17.3
 <b>TFM3</b>	1-4	10	11.1	21
 <b>TFM4</b>	1.5-6	10	14	24.7







RELEVANT STANDARD  
**EN 60998-1**

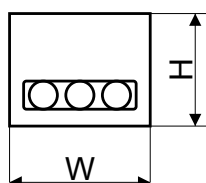
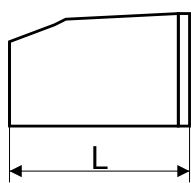
RELEVANT STANDARD  
**EN 60998-2-4**

Type of conductor: Solid copper



## Screwed terminals

TRACON		 mm <sup>2</sup>	L (mm)	W (mm)	H (mm)
<b>TRK4</b>	yellow case, 4 contacts	1.5-4	19.5	13.4	13.4
<b>TBT-2,5</b>	transparent case, 5 contacts, 1 screw	2.5	49.7	17.4	17.8
<b>TBT-4</b>	transparent case, 5 contacts, 1 screw	4	58.5	20	20
<b>TBT-6</b>	transparent case, 5 contacts, 1 screw	6	67.5	22.5	23.5
<b>TBT-10</b>	transparent case, 5 contacts, 1 screw	10	82	27	27
<b>TBT-16</b>	transparent case, 5 contacts, 1 screw	16	110	33.1	33
<b>TBT-2,5/10</b>	transparent case, 10 contacts, 1 screw	2.5	100	17.4	18
<b>TBT-4/10</b>	transparent case, 10 contacts, 1 screw	4	115.2	20.1	19.1
<b>TBT-6/10</b>	transparent case, 10 contacts, 1 screw	6	134.2	22.6	22.5
<b>TBT-10/10</b>	transparent case, 10 contacts, 1 screw	10	161.8	26.9	26.5
<b>TBT-16/10</b>	transparent case, 10 contacts, 1 screw	16	220	31.3	32



**450 V AC**

**In max. 40 A**

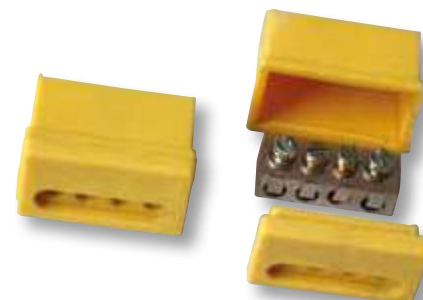
**IP 20**

**PA6.6**

**Cu**

**Ta -10..+55 °C**


**500 V Ui**



**RELEVANT STANDARD EN 60998**



## Branch terminals

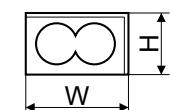
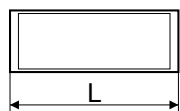
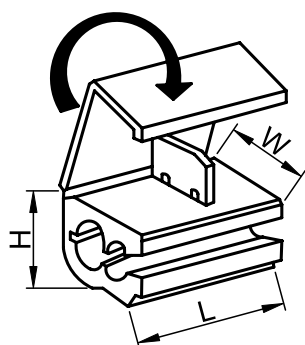
TRACON	L (mm)	W (mm)	H (mm)	 mm <sup>2</sup>	In
<b>PL</b>	19.5	16	16	0.5-1	10 A
<b>KL</b>	19.5	16	11	1.5-2.5	20 A
<b>SL</b>	20	17	16	4-6	50 A

**E-Cu-Sn**

**PVC**

**50 V DC**

**Ta -20..+75 °C**





**Lighting connectors**



TRACON	mm <sup>2</sup>				L (mm)	W (mm)	H (mm)
	IN	OUT	IN	OUT			
<b>OLC11D</b>	1 × 0.5-2.5	1 × 0.5-2.5	1 × 0.5-2.5	1 × 0.5-2.5	42.6	10.6	16.4
<b>OLC11</b>	1 × 1-2.5	–	1 × 0.5-2.5	1 × 0.5-2.5	20.5	8.1	15.1
<b>OLC21</b>	2 × 1-2.5	–	1 × 0.5-2.5	1 × 0.5-2.5	20.5	9.7	15.6



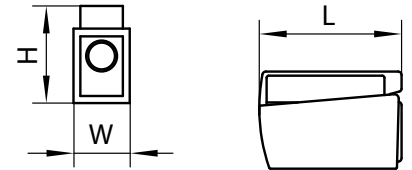
**OLC11D**



**OLC11**



**OLC21**



**Waterproof plastic box with gel + push-in wire connector**



TRACON	L (mm)	W (mm)	H (mm)
<b>BOXW1</b>	41	28	19
<b>BOXW2</b>	45	37	24
<b>BOXW3</b>	53	39	24

**Recommended push-in wire connector**

TRACON	OV02,5-2 OV0T2,5-2	OV02,5-3 OV0T2,5-3	OV02,5-5 OV0T2,5-5
<b>BOXW1</b>	✓	X	X
<b>BOXW2</b>	X	✓	X
<b>BOXW3</b>	X	X	✓

**BOXW1**









**BOXW2**




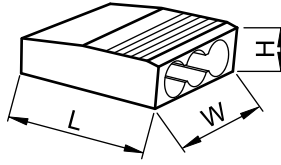
**BOXW3**









## Push-in wire connector







 <b>U<sub>i</sub></b> 450 V	 E-Cu-Sn	 PA6.6	 <b>T<sub>a</sub></b> -10...+55 °C	 <b>In</b> max. 16 A	 <b>IP</b> 20
--	---	---	--	---	---

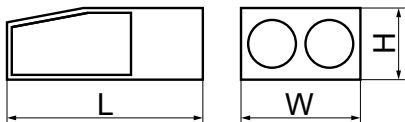
TRACON	 mm <sup>2</sup>	L (mm)	W (mm)	H (mm)
<b>RVU2,5-2</b>	2 × 0.5-2.5	12.1	16.6	7
<b>RVU2,5-3</b>	3 × 0.5-2.5	16.1	16.6	6.9
<b>RVU2,5-4</b>	4 × 0.5-2.5	12	16.5	11
<b>RVU2,5-5</b>	5 × 0.5-2.5	24.1	16.6	7
<b>RVU2,5-6</b>	6 × 0.5-2.5	16	16.7	11
<b>RVU2,5-8</b>	8 × 0.5-2.5	20.4	16.7	11



## Sleeve connectors without screw

 E-Cu-Sn	 PA6.6	 <b>T<sub>a</sub></b> -10...+55 °C	 <b>U<sub>i</sub></b> 500 V	 <b>In</b> max. 24 A	 <b>IP</b> 20
--	---	--	---	---	---

TRACON	 mm <sup>2</sup>	L (mm)	W (mm)	H (mm)
 <b>RV02,5-2</b>	2 × 0.5-2.5	16.6	10	6
 <b>RV02,5-3</b>	3 × 0.5-2.5	16.6	13.9	6
 <b>RV02,5-4</b>	4 × 0.5-2.5	16.6	18	6
 <b>RV02,5-5</b>	5 × 0.5-2.5	16.6	22.2	6
 <b>RV02,5-8</b>	8 × 0.5-2.5	16.6	18.1	11



RELEVANT STANDARD  
**EN 60998-1**

RELEVANT STANDARD  
**EN 60998-2-4**



**Re-usable screwless flat quick-connect terminals**



**RVON5**



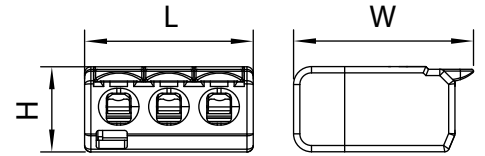
**RVON3**



**RVON2**

E-Cu-Sn	PC	<b>In</b> max. 32 A	<b>Ta</b> -10...+85 °C	<b>IP</b> 20	<b>450 V</b>	<b>450 V AC</b>
---------	----	---------------------------	---------------------------	-----------------	--------------	-----------------

TRACON	mm <sup>2</sup>	<b>L</b> (mm)	<b>W</b> (mm)	<b>H</b> (mm)
<b>RVON2</b>	2 × 0.2-4	13.2	20.1	9.5
<b>RVON3</b>	3 × 0.2-4	18.8	20.1	9.5
<b>RVON5</b>	5 × 0.2-4	30	20.1	9.5



**Quick clamping connector, transparent**



**RVONK8**



**RVONK5**



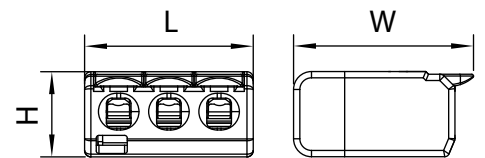
**RVONK3**



**RVONK2**

E-Cu-Sn	<b>In</b> max. 24 A	<b>Ta</b> -10...+85 °C	PC	<b>IP</b> 20
---------	---------------------------	---------------------------	----	-----------------

TRACON	mm <sup>2</sup>	<b>L</b> (mm)	<b>W</b> (mm)	<b>H</b> (mm)
<b>RVONK2</b>	2 × 0.2 - 2.5	11	16.8	9
<b>RVONK3</b>	3 × 0.2 - 2.5	15.2	16.8	9
<b>RVONK5</b>	5 × 0.2 - 2.5	25.5	16.8	9
<b>RVONK8</b>	8 × 0.2 - 2.5	38.1	16.8	9



**Quick clamping connector, transparent**



**RV0GB3**



**RV0GB2**



**RV0G5**



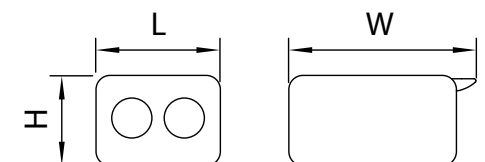
**RV0G3**



**RV0G2**


E-Cu-Sn	<b>Ta</b> -10...+55 °C	<b>In</b> max. 32 A	PC	<b>IP</b> 20
---------	---------------------------	---------------------------	----	-----------------

TRACON	mm <sup>2</sup>	<b>L</b> (mm)	<b>W</b> (mm)	<b>H</b> (mm)
<b>RV0G2</b>	2 × 0.2-4 (2.5)	13.2	20.1	9.2
<b>RV0G3</b>	3 × 0.2-4 (2.5)	18.8	20.1	9.2
<b>RV0G5</b>	5 × 0.2-4 (2.5)	30.3	20.1	9.2
<b>RV0GB2</b>	2 × 0.5-6 (4)	15.9	23.3	10.9
<b>RV0GB3</b>	3 × 0.5-6 (4)	23.2	23.3	10.9

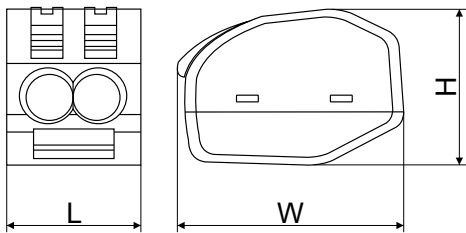




## Re-usable traditional quick-connect terminals

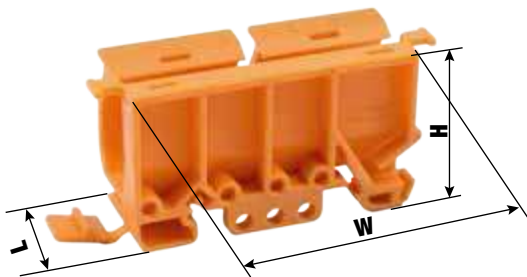
TRACON	 mm <sup>2</sup>	L (mm)	W (mm)	H (mm)
OV02,5-2	2 × 0.5-4	12.4	20.5	14.5
OV02,5-3	3 × 0.5-4	17	20.5	14.5
OV02,5-5	5 × 0.5-4	26.6	20.5	14.5
OV0T2,5-2	2 × 0.5-4	12.4	20.5	14.5
OV0T2,5-3	3 × 0.5-4	17	20.5	14.5
OV0T2,5-5	5 × 0.5-4	26.6	20.5	14.5



<b>400 V AC</b>	 <b>600 V</b>	 <b>E-Cu-Sn</b>	 <b>PA6.6</b>	<b>In max. 32 A</b>	<b>Ta</b>  <b>-10..+55 °C</b>	<b>IP 20</b>
-----------------	--	--	--	---------------------	--	--------------



## Connector DIN rail support

TRACON	L (mm)	W (mm)	H (mm)
OV0-A1	23	66	31

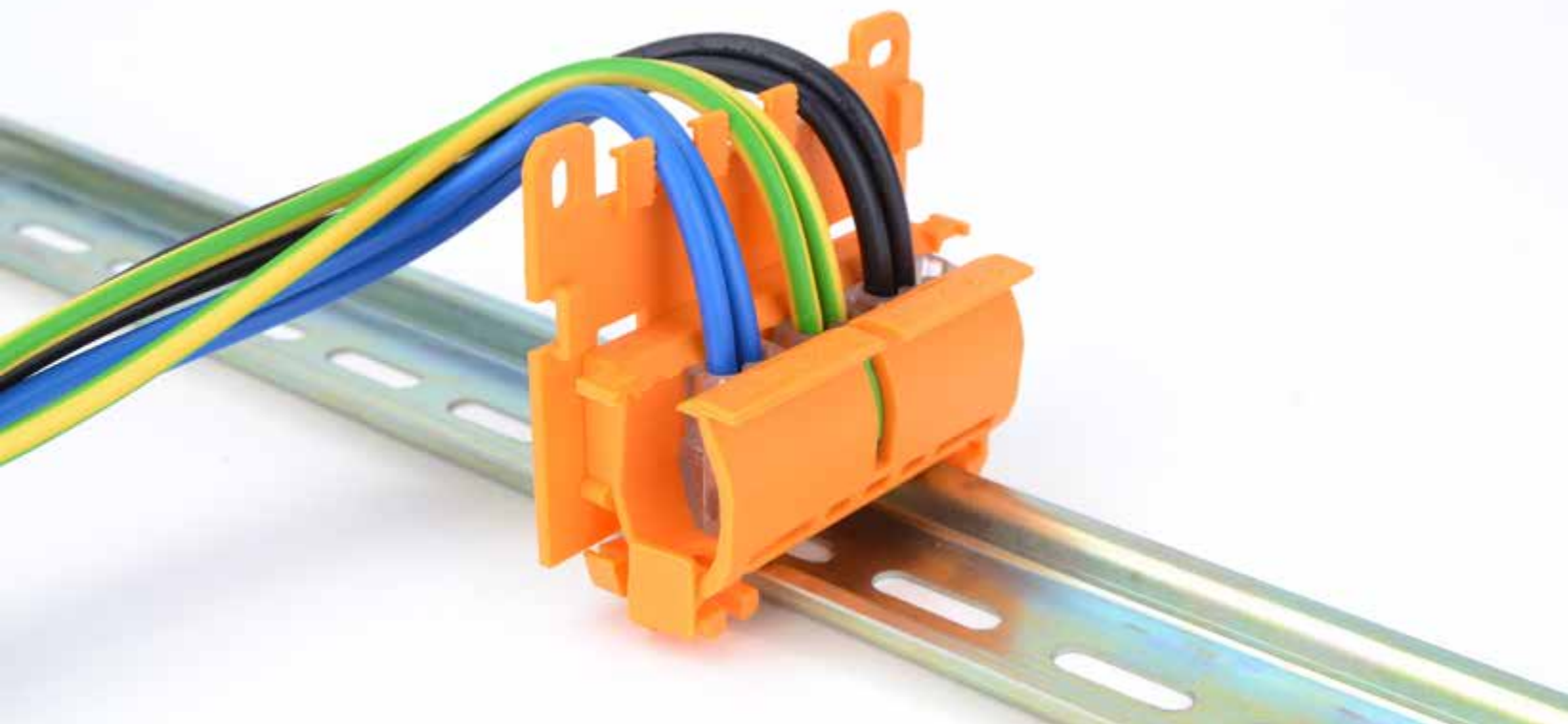
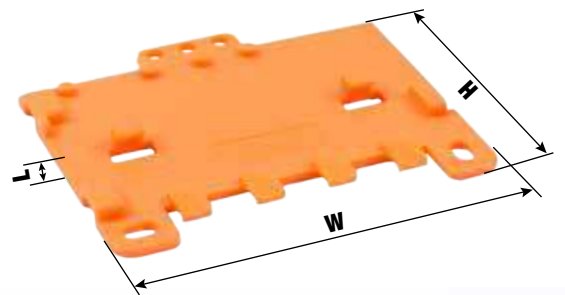


 <b>PA6.6</b>
<b>Ta</b>  <b>-20..+75 °C</b>

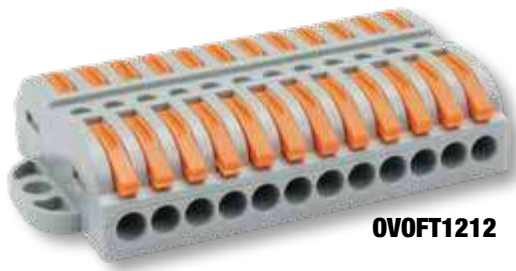


## Connector DIN rail support back plate

TRACON	L (mm)	W (mm)	H (mm)
OV0-A2	5	67	52

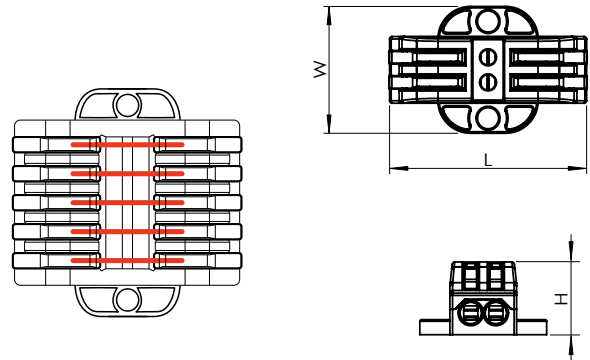


**Reusable push-in wire connector, openable, surface mount**



$U_i$ 450 V	$T_a$ -10...+55 °C	$I_n$ max. 32 A	PC	E-Cu-Ni	IP 20
----------------	-----------------------	-----------------------	----	---------	----------

TRACON	mm <sup>2</sup>	L (mm)	W (mm)	H (mm)
<b>OV0FT22</b>	4 × 0.5-4	39.3	25.3	14.5
<b>OV0FT33</b>	6 × 0.5-4	39.3	30.3	14.5
<b>OV0FT44</b>	8 × 0.5-4	39.3	35.3	14.5
<b>OV0FT55</b>	10 × 0.5-4	39.3	40.3	14.5
<b>OV0FT66</b>	12 × 0.5-4	39.3	45.3	14.5
<b>OV0FT88</b>	16 × 0.5-4	39.3	55.3	14.5
<b>OV0FT1010</b>	20 × 0.5-4	39.3	65.6	14.5
<b>OV0FT1212</b>	24 × 0.5-4	39.3	75.3	14.5

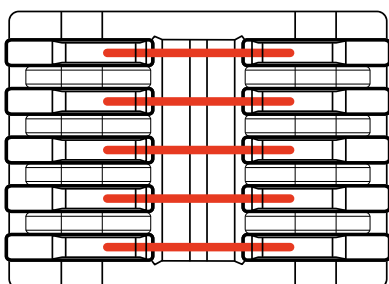
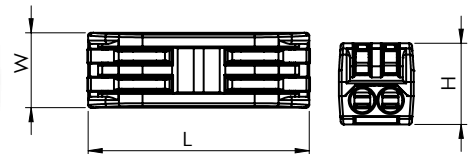


**Reusable push-in wire connector, openable, transparent**



$U_i$ 450 V	$T_a$ -10...+55 °C	$I_n$ max. 32 A	PC	E-Cu-Ni	IP 20
----------------	-----------------------	-----------------------	----	---------	----------

TRACON	mm <sup>2</sup>	L (mm)	W (mm)	H (mm)
<b>OV0TT11</b>	2 × 0.5-4	39.3	9.1	14.5
<b>OV0TT22</b>	4 × 0.5-4	39.3	13.3	14.5
<b>OV0TT33</b>	6 × 0.5-4	39.3	18.3	14.5
<b>OV0TT44</b>	8 × 0.5-4	39.3	23.2	14.5
<b>OV0TT55</b>	10 × 0.5-4	39.3	28.1	14.5



**Connector DIN Rail Support**

**OV0TT-A1**

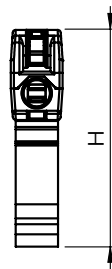
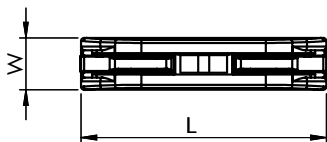
Technical drawing shows a length of 44.9 mm and a height of 17.8 mm.



## Reusable push-in wire connector, openable, transparent, rail mount

$U_i$ 450 V	$T_a$ -10...+55 °C	$I_n$ max. 32 A			<b>IP</b> 20
----------------	-----------------------	-----------------------	--	--	-----------------

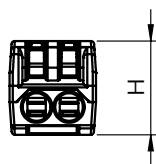
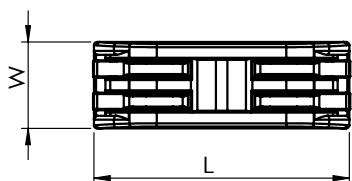
TRACON	mm <sup>2</sup>	L (mm)	W (mm)	H (mm)
<b>OV0KT11</b>	2 × 0.5-4	43	8	30.4



## Reusable push-in wire connector, transparent

$U_i$ 450 V			$I_n$ max. 32 A	$T_a$ -40...+105 °C	<b>IP</b> 20
----------------	--	--	-----------------------	------------------------	-----------------

TRACON	mm <sup>2</sup>	L (mm)	W (mm)	H (mm)
<b>RV0GTT11</b>	2 × 0.5-4(2.5)	39.3	10	8.3
<b>RV0GTT22</b>	4 × 0.5-4(2.5)	39.3	10	14.9
<b>RV0GTT33</b>	6 × 0.5-4(2.5)	39.3	10	22.9



RV0GTT11



RV0GTT22



RV0GTT33

## Multi-pole, reusable push-in wire connector, openable

$U_i$ 450 V	$T_a$ -10...+55 °C	$I_n$ max. 32 A			<b>IP</b> 20
----------------	-----------------------	-----------------------	--	--	-----------------

TRACON	mm <sup>2</sup>	L (mm)	W (mm)	H (mm)
<b>OV02P24</b>	6 × 0.5-4	39.3	23.3	15.5
<b>OV02P26</b>	8 × 0.5-4	39.3	33.3	15.5
<b>OV03P36</b>	9 × 0.5-4	39.3	33.3	15.5
<b>OV03P39</b>	12 × 0.5-4	39.3	48.3	15.5



OV02P24



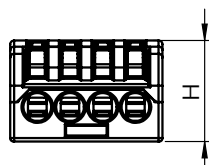
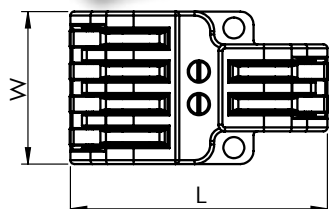
OV02P26



OV03P36



OV03P39

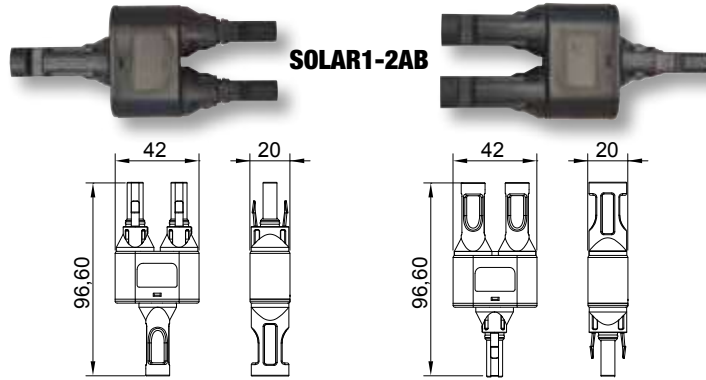


### Terminal for solar panels



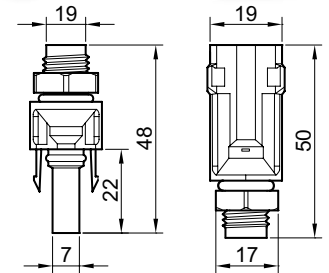
[mm <sup>2</sup> ] 2,5-6	R ≤ 0.5mΩ	I <sub>n</sub> max. 45 A	1.500 V DC	MC4	T <sub>a</sub> -40...+85°C	PC/PA6.6	UV	U <sub>i</sub> 1 kV
-----------------------------	--------------	--------------------------------	---------------	-----	-------------------------------	----------	----	------------------------

TRACON	I <sub>n</sub>	mm <sup>2</sup>	IP..
<b>SOLAR11-4AB</b>	45 A	2,5-4-6 mm <sup>2</sup>	IP 68
<b>SOLAR11-4N</b>	45 A	2,5-4-6 mm <sup>2</sup>	IP 68
<b>SOLAR1-2AB</b>	25 A	-	IP 65



RELEVANT STANDARD  
**EN 50521**

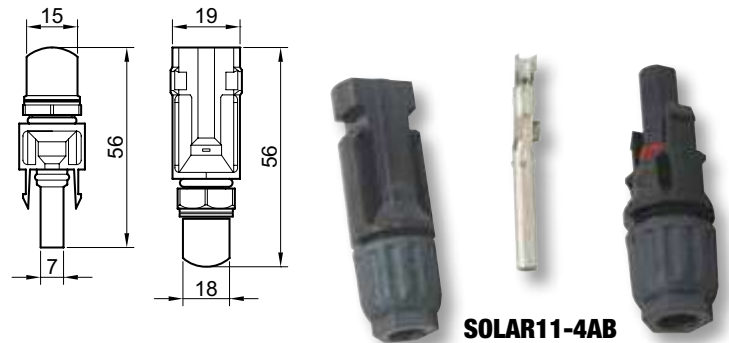
RELEVANT STANDARD  
**IEC 61646**



The solar panels can usually be connected together. These units must be wired to the inverter or to the connection box. The connectors are available with cable gland (IP68 with full sealing) and a locknut. The connectors can be pressed with suitable pressing tool and are only available in pairs.






**Crimping tool for solar panel terminals**  
**SOLAR11-PT** **B/4**



### Main line distribution terminal

TRACON	mm <sup>2</sup>		I <sub>n</sub>	OUT	L (mm)	W (mm)	H (mm)
<b>FFE35-50</b>	35-50	25-35	10-50	6-35		30	50
<b>FFE50-70</b>	50-70	35-50	25-70	10-35		35	55
<b>FFE70-95</b>	70-95	50-70	25-90	10-70	70	40	60
<b>FFE150-185</b>	150-185	95-150	35-185	10-150	75	45	65



PA6.6

E-Cu-Sn

H

W

L

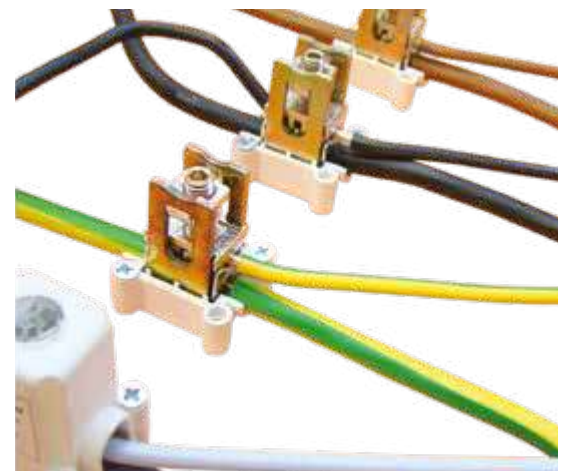
RELEVANT STANDARD  
**EN 60999**

**400 V AC**

**IP 20**

**U<sub>i</sub> 500 V**

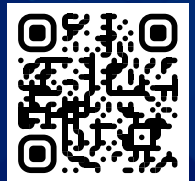
**T<sub>a</sub> -10...+55 °C**




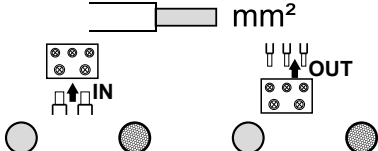
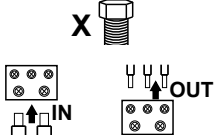
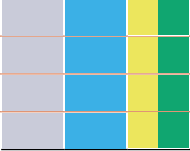

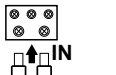
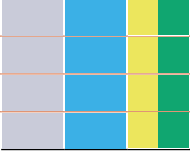

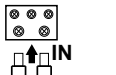
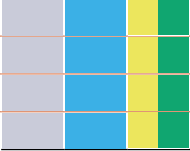

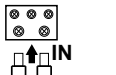
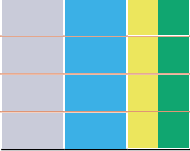

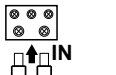




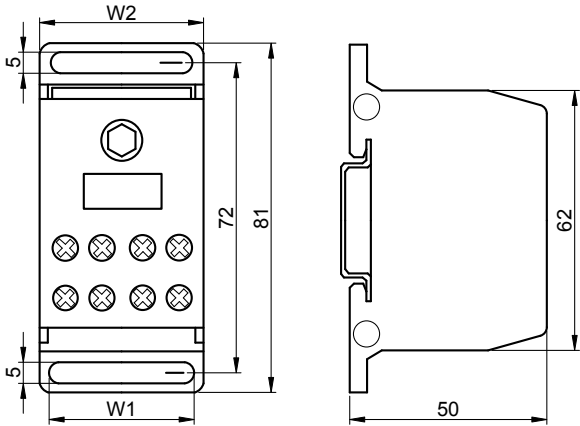
## MAIN LINE DISTRIBUTION TERMINAL BLOCKS







### Main line branching terminal strip, multicolor

TRACON			$\text{mm}^2$	$I_n$		W1 (mm)	W2 (mm)
<b>FLS35/4X9</b>			1 × 35	125 A		16.3	20.4
<b>FLS35/10X4</b>			1 × 35	125 A		16.3	20.4
<b>FLS50/16X4</b>			1 × 50	150 A		24.2	28.2
<b>FLS70/10X8</b>			1 × 70	192 A		32.2	36.1

Accessory: interchangeable coloured tiles.


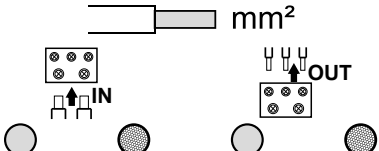
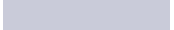
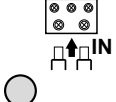
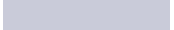
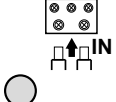
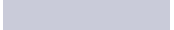
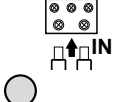
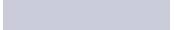
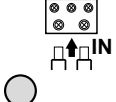
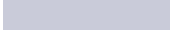
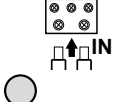
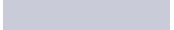
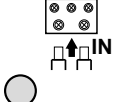
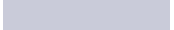
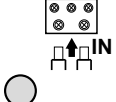
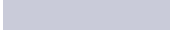
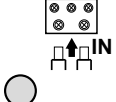
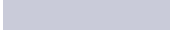
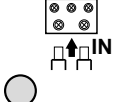


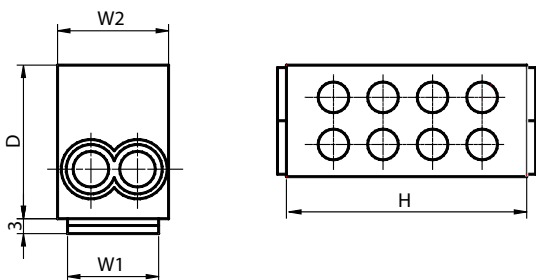
<b>400 V AC</b>	<b>T<sub>a</sub></b> -20...+75 °C	<b>IP 20</b>				
			35×7.5	Cu	PA6.6	500 V





RELEVANT STANDARD  
**EN 60998-1**




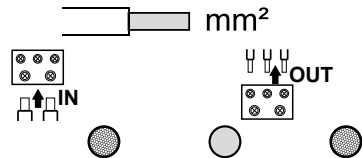



























### Main circuit branching terminal







TRACON			$\text{mm}^2$	$I_n$	W1 (mm)	W2 (mm)	D (mm)	H (mm)
<b>FLE-16</b>			2 × 16	76 A	22.2	27.4	39.5	43.1
<b>FLE-16K</b>			2 × 10	76 A	22.2	27.4	39.5	43.1
<b>FLE-16ZS</b>			2 × 16	76 A	22.2	27.4	39.5	43.1
<b>FLE-25</b>			2 × 10	76 A	22.2	27.4	39.5	43.1
<b>FLE-25K</b>			2 × 16	101 A	22.2	27.4	39.5	43.1
<b>FLE-25ZS</b>			2 × 25	101 A	22.2	27.4	39.5	43.1
<b>FLE-35/25</b>			2 × 25	125 A	20	26.9	43.6	53
<b>FLE-35/25K</b>			1 × 35	125 A	20	26.9	43.6	53
<b>FLE-35/25ZS</b>			1 × 25	125 A	20	26.9	43.6	53



			<b>400 V AC</b>	<b>T<sub>a</sub></b> -20...+75 °C		<b>IP 20</b>
Cu	PA6.6	500 V			35×7.5	

## Main line distribution terminal block, DIN rail mount

TRACON			$\text{mm}^2$	$I_n$	$\times P$ 	W (mm)	L (mm)	H (mm)	X 	
FLEAL-16/1										
FLEAL-16/1K		1 × 25	1 × 16	1 × 25	1 × 16		13,9		2 × M5	
FLEAL-16/1ZS										
FLEAL-16/2						85 A	43,5			
FLEAL-16/2K		2 × 25	2 × 16	2 × 25	2 × 16		23,7		4 × M5	
FLEAL-16/2ZS										
FLEAL-16/2KZS										
FLEAL-35/1								40,3		
FLEAL-35/1K		1 × 50	1 × 35	1 × 50	1 × 35		16,3		2 × M5	
FLEAL-35/1ZS										
FLEAL-35/2						120 A	47,4			
FLEAL-35/2K		2 × 50	2 × 35	2 × 50	2 × 35		27,3		4 × M5	
FLEAL-35/2ZS										
FLEAL-35/2KZS										
FLEAL-50/1X3		3 × 70	3 × 50	3 × 70	3 × 50	160 A	50,3	49	43,5	6 × M5
FLEAL-50/1										
FLEAL-50/1K		1 × 50	1 × 35	1 × 50	1 × 35		17,9		2 × M5	
FLEAL-50/1ZS										
FLEAL-50/2										
FLEAL-50/2K		2 × 50	2 × 35	2 × 50	2 × 35	160 A	31,1	51	43,7	4 × M5
FLEAL-50/2ZS										
FLEAL-50/2KZS										
FLEAL-50/3										
FLEAL-50/3K		3 × 50	3 × 35	3 × 50	3 × 35		42,3		6 × M5	
FLEAL-50/3ZS										

<b>400 V AC</b>	 Al-Sn	 PA6.6	 Al/Cu	<b>T<sub>a</sub></b>  -20...+75 °C	 35×7.5	<b>U<sub>i</sub></b>  1000 V AC / 1500 V DC	<b>IP 20</b>
-----------------	---	---	---	---	--	--	--------------



FLEAL-50/1



FLEAL-50/2K



FLEAL-50/3K



FLEAL-50/3ZS



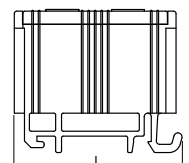
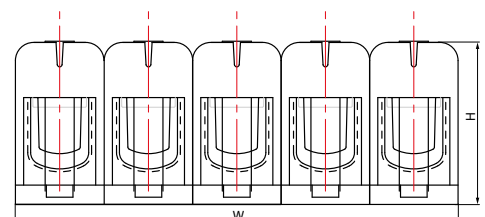
FLEAL-16/2KZS



FLEAL-50/2KZS


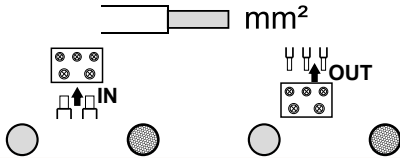


















FLEAL-16/1ZS

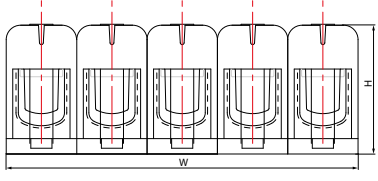





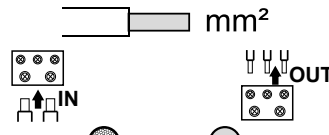



















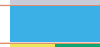


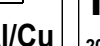
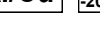
**Main line distribution terminal block, surface mount**

TRACON			mm <sup>2</sup>	In		W (mm)	L (mm)	H (mm)	X 
FLEAL-240/1		1 × 240	1 × 185	1 × 240	1 × 185	36.6			2 × M8
FLEAL-240/1K		2 × 240	2 × 185	2 × 240	2 × 185	63.4	130.6	67.2	4 × M8
FLEAL-240/1ZS		3 × 240	3 × 185	3 × 240	3 × 185	93			6 × M8
FLEAL-240/2									
FLEAL-240/2K									
FLEAL-240/2ZS									
FLEAL-240/2KZS									
FLEAL-240/3									
FLEAL-240/3K									
FLEAL-240/3ZS									

<b>400 V AC</b>				<b>T<sub>a</sub></b> -20...+75 °C		<b>U<sub>i</sub></b> 1000 V AC / 1500 V DC	<b>IP 20</b>
-----------------	---	---	---	--------------------------------------	---	---	--------------



## Main line distribution terminal block, DIN rail and surface mount

TRACON			mm <sup>2</sup>	In		W (mm)	L (mm)	H (mm)	X 
<b>FLEAL-35</b>			5 × 35 5 × 25 5 × 35 5 × 25	135 A	5P	80	45.2	40.2	10 × M4
<b>FLEAL-95/1</b>									
<b>FLEAL-95/1K</b>			1 95 1 × 70 1 × 95 1 × 70			23.7			2 × M5
<b>FLEAL-95/1ZS</b>									
<b>FLEAL-95/2</b>									
<b>FLEAL-95/2K</b>			2 × 95 2 × 70 2 × 95 2 × 70	245 A		41.6	89.1	49.6	4 × M5
<b>FLEAL-95/2ZS</b>									
<b>FLEAL-95/2KZS</b>									
<b>FLEAL-95/3</b>									
<b>FLEAL-95/3K</b>			3 × 95 3 × 70 3 × 95 3 × 70			60.9			6 × M5
<b>FLEAL-95/3ZS</b>									
<b>FLEAL-150/1</b>					1P				
<b>FLEAL-150/1K</b>			1 × 150 1 × 120 1 × 150 1 × 120			28.9			2 × M8
<b>FLEAL-150/1ZS</b>									
<b>FLEAL-150/2</b>									
<b>FLEAL-150/2K</b>			2 × 150 2 × 120 2 × 150 2 × 120	320 A		50.9	96.6	59.2	4 × M8
<b>FLEAL-150/2ZS</b>									
<b>FLEAL-150/2KZS</b>									
<b>FLEAL-150/3</b>									
<b>FLEAL-150/3K</b>			3 × 150 3 × 120 3 × 150 3 × 120			72.8			6 × M8
<b>FLEAL-150/3ZS</b>									

400 V AC

Al-Sn

Al/Cu

Ta  
-20...+75 °C

PA6.6

35×7.5

IP 20



FLEAL-35



FLEAL-95/1, FLEAL-150/1



FLEAL-95/1K, FLEAL-150/1K



FLEAL-95/1ZS, FLEAL-150/1ZS



FLEAL-150/2KZS



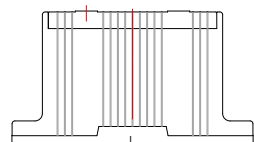
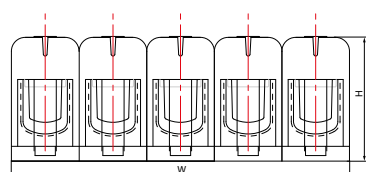
FLEAL-95/2, FLEAL-150/2



FLEAL-95/2K, FLEAL-150/2K



FLEAL-95/2ZS, FLEAL-150/2ZS



FLEAL-95/3, FLEAL-150/3

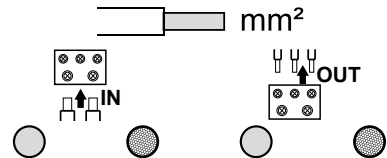




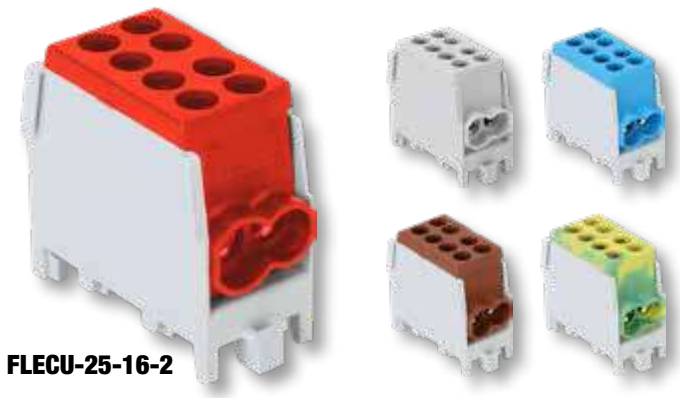
FLEAL-95/3K, FLEAL-150/3K



FLEAL-95/3ZS, FLEAL-150/3ZS



**Main line distribution terminal block**

TRACON				In		W (mm)	L (mm)	H (mm)	X 
<b>FLECU-25-16-2</b>									
<b>FLECU-25-16-2B</b>									
<b>FLECU-25-16-2F</b>	2×25	2×16	2×16	2×10	101 A	21.3 mm	43.9 mm	40 mm	2×M6 ; 2×M5
<b>FLECU-25-16-2K</b>									
<b>FLECU-25-16-2P</b>									
<b>FLECU-25-16-2ZS</b>									
<b>FLECU-25-16-3</b>									
<b>FLECU-25-16-3B</b>									
<b>FLECU-25-16-3F</b>	2×25	2×16	4×16	4×10	101 A	27.2 mm	43.9 mm	40 mm	2×M6 ; 4×M5
<b>FLECU-25-16-3K</b>									
<b>FLECU-25-16-3ZS</b>									
<b>FLECU-25-16-4</b>									
<b>FLECU-25-16-4B</b>									
<b>FLECU-25-16-4F</b>	2×25	2×16	6×16	6×10	101 A	36.5 mm	43.9 mm	40 mm	2×M6 ; 6×M5
<b>FLECU-25-16-4K</b>									
<b>FLECU-25-16-4ZS</b>									
<b>FLECU-25-25-2</b>									
<b>FLECU-25-25-2B</b>									
<b>FLECU-25-25-2F</b>	2×25	2×16	2×25	2×16	101 A	21.3 mm	43.9 mm	41.2 mm	4×M6
<b>FLECU-25-25-2K</b>									
<b>FLECU-25-25-2ZS</b>									





## Main line distribution terminal block

TRACON		mm <sup>2</sup>				In		W (mm)	L (mm)	H (mm)	X 
<b>FLECU-35-25-2</b>											
<b>FLECU-35-25-2B</b>											
<b>FLECU-35-25-2F</b>	2×35	2×25	2×25	2×16	125 A		24.5 mm	54.8 mm	42.7 mm	2×M8 ; 2×M6	
<b>FLECU-35-25-2K</b>											
<b>FLECU-35-25-2ZS</b>											
<b>FLECU-35-25-3</b>											
<b>FLECU-35-25-3B</b>											
<b>FLECU-35-25-3F</b>	2×35	2×25	4×25	4×16	125 A		34.2 mm	54.8 mm	42.7 mm	2×M8 ; 4×M6	
<b>FLECU-35-25-3K</b>											
<b>FLECU-35-25-3ZS</b>											
<b>FLECU-35-25-4</b>											
<b>FLECU-35-25-4B</b>											
<b>FLECU-35-25-4F</b>	2×35	2×25	6×25	6×16	125 A		43.8 mm	54.8 mm	42.7 mm	2×M8 ; 6×M6	
<b>FLECU-35-25-4K</b>											
<b>FLECU-35-25-4ZS</b>											



FLECU-35-25-2








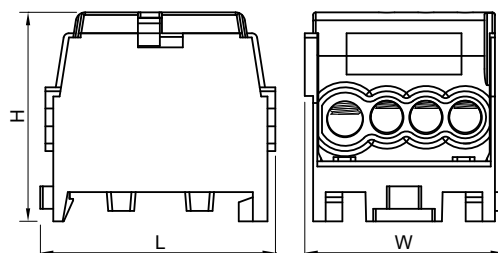
FLECU-35-25-3



FLECU-35-25-4



400 V AC	 U <sub>i</sub> 1000 V AC/DC	 PA6.6	 Cu-Sn	 35×7.5	 Al/Cu	<b>IP</b> 20
----------	---	---	---	--	---	-----------------



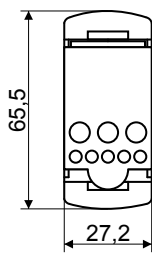
**TICS**  
G/20



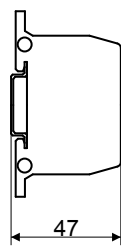
**Main line branch terminal with opening cover**

TRACON	xP	mm <sup>2</sup>	IN	OUT	Ui	In	IN	OUT	
<b>FLS016</b>		3×16 3×16	4×10 4×6			80 A	3×M6	4×M4	
<b>FLS050</b>	1P	1×50 1×35	6×25 6×16		1.000 V AC/DC	125 A	1×M12	6×M6	
<b>FLS070</b>		1×70 1×50	6×25 6×16			160 A	1×M14	6×M6	
<b>FLS070-10</b>		1×70 1×50	10×16 10×16		690 V AC/DC	175 A	1 × M14	10 × M6	
<b>FLS0120</b>	1P	1×120 1×95	2×35 2×25	5×25 5×16	1.000 V AC/DC	250 A	1×M16	2×M10	Cu-Sn
			4×16 4×10	5×6 5×6				5×M6	
<b>FLS0150</b>	1P	1×150 1×120	2×35 2×25	5×25 5×16	1.000 V AC/DC	400 A	1×M20	5×M6	Cu
			4×16 4×10	5×6 5×6				4×M8	
<b>FLS08X25</b>	1P	(mm) (8×25)	2×35 2×25	5×25 5×16	1.000 V AC/DC	500 A	2×M8	2×M10	Cu
			4×16 4×10	6×16 6×10				5×M6	
<b>FLS050-3P</b>	3P	1×50 1×35	6×16 6×10	6×10 6×10	690 V AC/DC	175 A	M10	6×M6	Cu
			5×10 5×6	5×6 5×6				5×M4	
<b>FLS035-4P</b>	4P	1×35 1×25	2×25 2×16	5×10 5×6	690 V AC/DC	125 A	M5	2×M5	Cu
			5×10 5×6	5×6 5×6				5×M4	
			2×25 2×16	6×25 6×16				2×M5	
			6×25 6×16	4×16 4×10				6×M5	

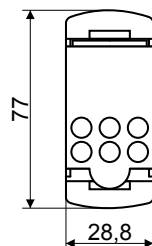
**RELEVANT STANDARD**  
**IEC 60947-7-1**



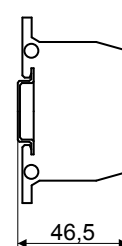
**FLS016**



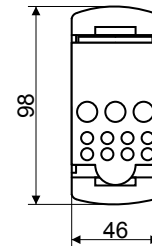
**FLS050  
FLS070**



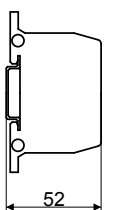
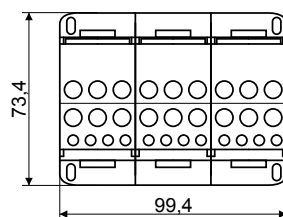
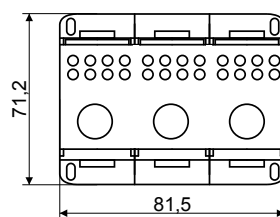
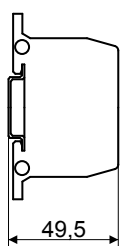
**FLS0120  
FLS0150  
FLS08X25**



**FLS050-3P**



**FLS035-4P**



## Modular branching terminal block, open

TRACON	xP	mm <sup>2</sup>				In	X	OUT	
		IN	IN	OUT	OUT				
<b>FLS025-2P7</b>	2P	1×25	1×25	3×10 3×16	3×6 3×10	100 A	M5	3×M4 3×M5	
<b>FLS025-2P11</b>	2P	2×25	2×25	4×10 5×16	4×6 5×10	100 A	M5	4×M4 5×M5	
<b>FLS025-2P15</b>	2P	2×25	2×25	6×10 7×16	6×6 7×10	100 A	M5	6×M4 7×M5	
<b>FLS016-4P6</b>	4P	1×16	1×10	3×10	3×6	80 A	1×M4	5×M4	
<b>FLS016-4P11</b>		3×16	3×10	8×10	8×6		3×M4	8×M4	
<b>FLS016-4P16</b>		4×16	4×10	12×10	12×6		4×M4	12×M4	

**400 V AC**

**IP 20**

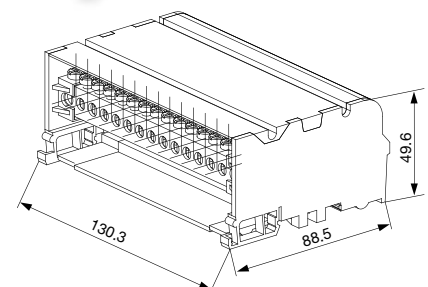
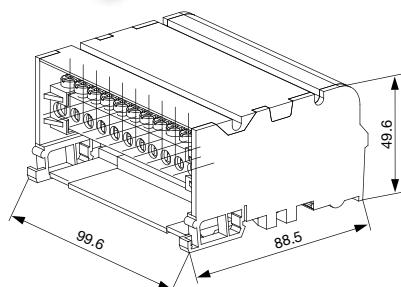
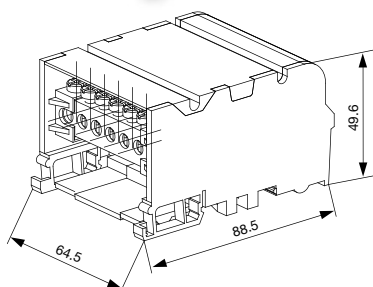
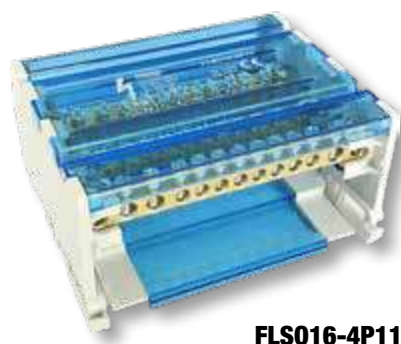
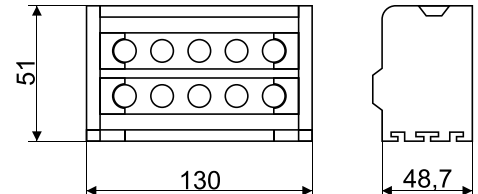
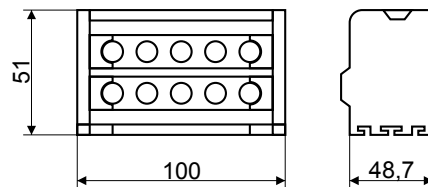
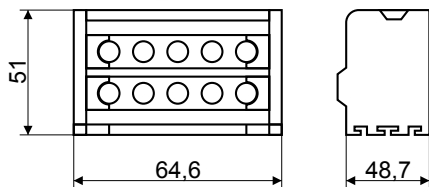
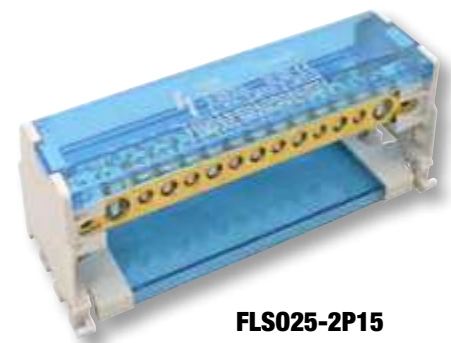
35×7.5

Ta  
-20...+75 °C

Cu

PA6.6

500 V



**Modular connecting terminal with opening cover**

TRACON	xP	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>	U <sub>i</sub>	I <sub>n</sub>	X	OUT
<b>FLS0T35</b>	1P	1×35	1×35	1×35	1×35	1.000 V AC/DC	125 A	M10	M10
<b>FLS0T95</b>	1P	1×95	1×70	1×95	1×70	1.000 V AC/DC	250 A	M16	M16
<b>FLS0T95L</b>	1P	1×95	1×95	1×95	1×95	690 V AC/DC	250 A	M10	M10

**FLS0T35**  
**FLS0T95**

**FLS0T95L**

400 V AC

IP 20

35×7.5

Cu-Sn

PA6.6

**T<sub>a</sub>**

-20...+75 °C

**FLS0T35**      **FLS0T95**

**FLS0T95L**


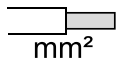

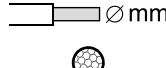



































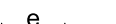





# TDZ / EVOZ

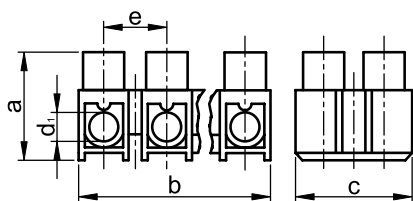
## F/12

**LIFETIME WARRANTY**

## H-profile flexible terminal strips

Traditional version


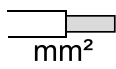

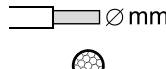









































Profile	TRACON		 mm <sup>2</sup>	X 	In	 ∅ mm	d <sub>1</sub> (mm)	a (mm)	b (mm)	c (mm)	e (mm)
S3A-H			2.5	× 12	16 A	  	3	11	93.2	11	7.5
SF3A-H			2.5	× 12							
S5A-H			4	× 12	25 A	  	3.2	13	114.8	13	9.7
SF5A-H			4	× 12							
S10A-H			6	× 12	40 A	  	4.2	15.3	131.5	15.3	11.1
SF10A-H			6	× 12							
S15A-H			10	× 12	50 A	  	4.5	16.6	137.3	22.5	11.5
SF15A-H			10	× 12							
S30A-H			16	× 12	63 A	  	5.5	19.2	169	19.2	14.5
SF30A-H			16	× 12							
S60A-H			25	× 12	80 A	 	6.6	24.4	191	24.4	16
SF60A-H			25	× 12							

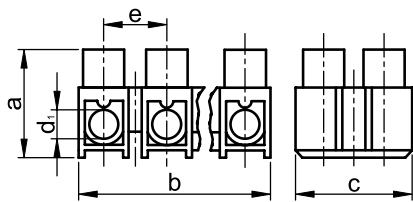


RELEVANT STANDARD  
EN 60998-1  
EN 60998-2-1

## H-profile flexible terminal strips

Pressing plate equipped version


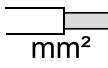

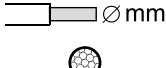















Profile	TRACON		 mm <sup>2</sup>	X 	In	 ∅ mm	d <sub>1</sub> (mm)	a (mm)	b (mm)	c (mm)	e (mm)
S3A-H-L			2.5	× 12	16 A	  	3	11	93.2	11	7.5
SF3A-H-L			2.5	× 12							
S5A-H-L			4	× 12	25 A	  	3.2	13	114.8	13	9.7
SF5A-H-L			4	× 12							
S10A-H-L			6	× 12	40 A	  	4.2	15.3	131.5	15.3	11.1
SF10A-H-L			6	× 12							
S15A-H-L			10	× 12	50 A	  	4.5	16.6	140	22.5	11.5
SF15A-H-L			10	× 12							
S30A-H-L			16	× 12	63 A	  	5.5	19.2	169	19.2	14.5
SF30A-H-L			16	× 12							
S60A-H-L			25	× 12	80 A	 	6.6	24.4	191	24.4	16
SF60A-H-L			25	× 12							

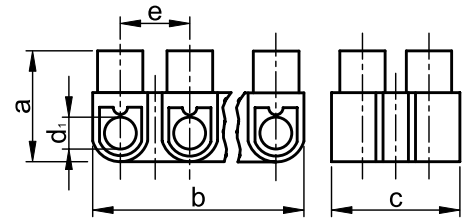


RELEVANT STANDARD  
EN 60998-1  
EN 60998-2-1



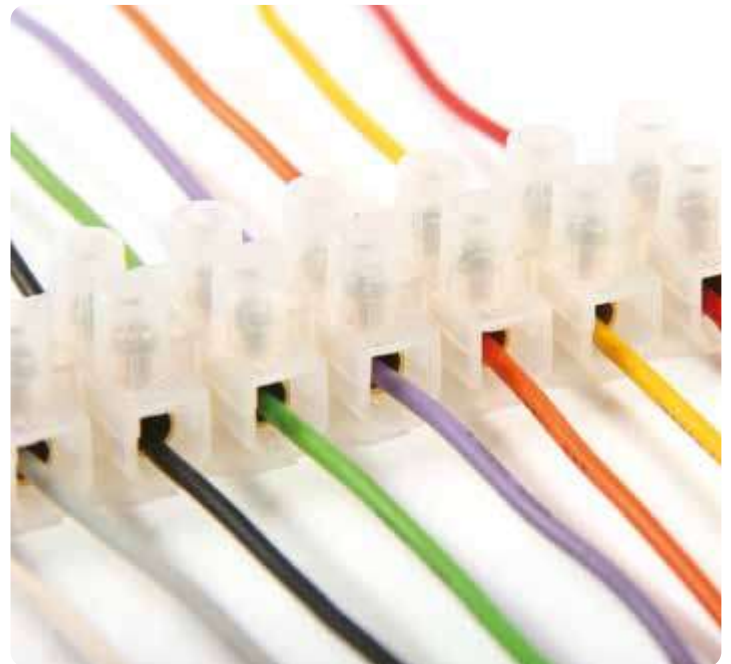
**U-profile flexible terminal strips**

Profile	TRACON		 mm <sup>2</sup>	X 	I <sub>n</sub>	 ∅ mm			d <sub>1</sub> (mm)	a (mm)	b (mm)	c (mm)	e (mm)
													
S3A-U			2.5	× 12	16 A	1.9	2.2	2.3	3	10.8	91.4	15.6	7.6
S5A-U			4	× 12	25 A	2.4	2.7	2.9	3.3	12.8	112.5	15.5	9.5
S10A-U			6	× 12	40 A	2.9	3.3	2.9	4.2	15	128	20.6	10.8
SF10A-U				× 12		2.9	3.3	2.9	4.2	15	128	20.6	10.8
S15A-U				× 12		2.9	2.9	3.3	4.5	16.6	137.3	22.5	12
SF15A-U			10	× 12	50 A	2.9	2.9	3.3	4.5	16.6	137.3	22.5	12
„U” SK15A-U				× 12		2.9	2.9	3.3	4.5	16.6	137.3	22.5	12
SP15A-U				× 12		2.9	2.9	3.3	4.5	16.6	137.3	22.5	12
S30A-U			16	× 12	63 A	3.7	4.2	3.9	5.6	19	164.5	25.3	19
SF30A-U				× 12		3.7	4.2	3.9	5.6	19	164.5	25.3	19
S60A-U			25	× 12	80 A	–	6.6	6.3	6.6	24	185.5	29.2	15.8
SF60A-U				× 12		–	6.6	6.3	6.6	24	185.5	29.2	15.8



**RELEVANT STANDARD**  
**EN 60998-1**  
**EN 60998-2-1**

**FIMKO IEC6E-CB CERTIFICATE NO.**  
**FI748, FI876, FI952**













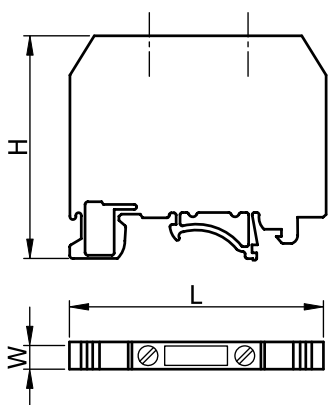


## TSKD screwless (spring) terminals

The screwless terminals are mainly used for fast and reliable termination of 0.08 mm<sup>2</sup> - 6.0 mm<sup>2</sup> cross-section wires in control circuits. The spring clips can fix the unprepared solid and the strained/flexible wires equipped with cord-end terminals or pin type terminals.

The outfit of the housing - which was made of heat-proof, high mechanical strength polyamide with UL94-V0 flammability properties - is certified to fix the terminals on any surface. The terminals are available in single and double pole versions. With accessories, the terminals can be bridged and the blocks can be mounted on 35/7,5 mm size DIN mounting rails as well.

TRACON	U <sub>n</sub>	I <sub>n</sub>	mm <sup>2</sup>		W (mm)	L (mm)	H (mm)	mm		
										
<b>TSKD1,5</b>	400 V	18 A	1.5	1.5	5	25.5	17.5	6	<b>VLD1,5</b>	<b>SFD1,5</b>
<b>TSKD2,5</b>	500 V	24 A	0.08-4	0.08-2.5	6	28	17	7	<b>VLD2,5</b>	<b>SFD2,5</b>
<b>TSKD4</b>	690 V	32 A	0.08-6	0.08-4	7	33.7	23	8	<b>VLD4</b>	<b>SFD4</b>
<b>TSKD1,5D</b>	400 V	18 A	2 × (0.08-1.5)	2 × (0.08-1.5)	8	25.5	17.5	7	<b>VLD1,5</b>	<b>SFD1,5</b>
<b>TSKD2,5D</b>	500 V	24 A	2 × (0.08-4)	2 × (0.08-2.5)	10	28	17	7	<b>VLD2,5</b>	<b>SFD2,5</b>
<b>TSKD4D</b>	690 V	32 A	2 × (0.08-6)	2 × (0.08-4)	12	33.7	23	8	<b>VLD4</b>	<b>SFD4</b>



TSKD...



TSKD...D



### Accessories

#### TRACON



##### TSKDRE

Adaptor to mount TSKD series on DIN rails



#### TRACON



##### VLD1,5

End plate for TSKD1,5-TSKD1,5D

##### VLD2,5

End plate for TSKD2,5-TSKD2,5D

##### VLD4

End plate for TSKD4-TSKD4D



#### TRACON



##### SFD1,5

Bridging link for TSKD1,5-TSKD1,5D (2 modules)

##### SFD2,5

Bridging link for TSKD2,5-TSKD2,5D (2 modules)

##### SFD4

Bridging link for TSKD4-TSKD4D (2 modules)



## TSKA industrial terminal blocks family

The TSKA industrial terminal blocks family has several connection joints all insulated from each other. Used in industry, they are mainly found in measuring circuits and in control and energy distribution boxes.

The blocks can be used to connect copper wires with circle section. This product is highly heat resistant, self extinguishing (according to UL94-V0) and the housing which contains the electrical elements is made of polyamide plastic providing good electrical parameters. Its shapes allows to fix the terminal block onto the mounting rail according to the EN 50022 standard ("hat" or "C" rail).



### General purpose terminal blocks

These terminal blocks are basically suitable to connect max. 25 mm<sup>2</sup> cross-section phase conductors. One side of plastic housing is open. The other side can be closed with a VL marked end-plate.



### Heavy current terminal blocks

These terminal blocks are suited for jointing max. 35-185 mm<sup>2</sup> cross-sections phase conductors. The female connections are made of pressed metal frame. The plastic house of the terminal blocks is closed from both sides.



### Neutral conductor terminal blocks

These blocks are similar to the general purpose terminal blocks but as their housing is painted in blue, they are suitable to connect the neutral conductor and thus being visually different from the phase one.



### Heavy current, neutral conductor terminal blocks

These blocks are similar to the heavy current terminal blocks but as their housing is painted in blue, they are suitable to connect the neutral conductor and thus being visually different from the phase one.



### Protective conductor terminal blocks

They are suitable to make electrical and mechanical connection between PE conductors and the grounded mounting rail. This block is also suitable to connect PEN and PE conductors.



### Double-deck terminal blocks

These blocks are useful when different type of wires or wires with different cross-section have to be connected on the same circuit.



### Three-four conductors through terminal blocks

These blocks are useful when different type of wires or wires with different cross-section have to be connected on the same circuit.



### Fuse type terminals

The terminals have a built-in glass fuse to protect the connected network. The user can be informed by an integrated LED about the operation status of the fuse. (for 5×20mm fuses)



### Testing terminal blocks

Besides keeping the electrical short-circuit rail opened or closed, these blocks are able to connect measuring instruments into the circuit both in parallel or in series. For the TSKA6S type, the measuring female terminal is suitable to tighten the wire and to fix the connecting plug too.



### Terminal blocks for separation

They are suitable for current up to 16 A. The disconnection knife is able to disconnect circuits up to 500 V for measuring or for disconnection purposes.



RELEVANT STANDARD

EN 60947-7-1

EN 60947-7-2



## Accessories

### SF marginal links

These links are suitable to connect terminal blocks in the conductor's area. They are available in 2, 3 or 10 modules version. The connecting part has a plastic cover ensuring both electrical strength and safety.



### USF central links

These links are used to connect terminal blocks at their center part. They are available in 2, 3 and 10 poles and can be used with the blocks until the TSKA50 size.



### VL end plates

The end plates are used to close the terminal block's end. They ensure enough insulation space and electrical safety between terminal blocks of different sizes according to the rated voltage.



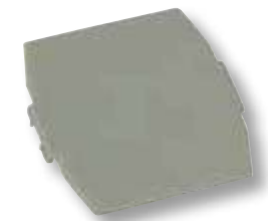
### HL bridges

These links are suitable to connect non-adjacent terminal blocks. The insulation body on the screw head insures electrical safety. More than 10 units can be connected by overlapping the links.



### EL insulating spaces

It provides electrical and visual separation between bridging links which can be inserted afterwards, too.



### SZEL segment spaces

It provides electrical and visual separation between terminal blocks.



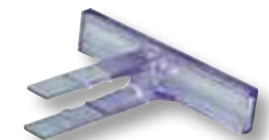
### RE end brackets

They make possible to fix terminal blocks on mounting rails (35 / 7,5 mm size „hat” or 32 / 15 mm size „C” rail). They are recommended to use on both sides of blocks.



### KJ-A terminal stripe identifier

Identifying terminals stripes is possible by using this bar. The 44 × 7 mm size bar has been clicked on RE1 or RE2 fasteners.



### J marking stickers

These marking stickers can be used for „J” marking bars, available in 4 sizes. Sheets are A4 size with the following symbols: 1-100, L1, L2, L3, R, S, T, N, etc. The full assortment is found in our webshop!



### J mark bars

These mark bars are used for identification of terminal blocks. We offer mark bars in four different widths and in ten module units.



RELEVANT STANDARD





EN 60947-7-1

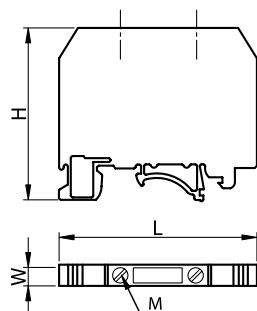
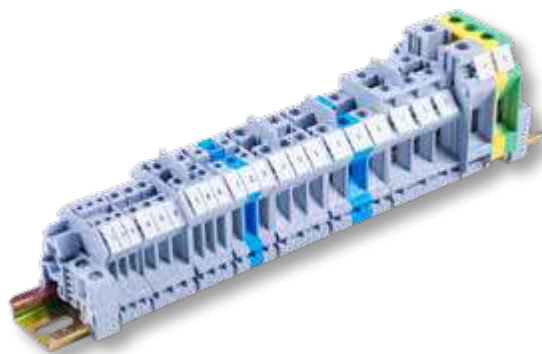
EN 60947-7-2



**CO218A**  
F/62



TRACON		U <sub>n</sub>	I <sub>n</sub>	mm <sup>2</sup>		W (mm)	L (mm)	H (mm)	M (mm)	 mm
										
<b>TSKA1,5</b>	General	500 V	17.5 A	0.14-1.5	0.14-1.5	4.3	43	41	M2	5
<b>TSKA2,5</b>	General	800 V	32 A	0.2-4	0.2-2.5	5.5	43	41,2	M3	8
<b>TSKA4</b>	General	800 V	41 A	0.2-6	0.2-4	6.5	43	46	M3	8
<b>TSKA6</b>	General	800 V	57 A	0.2-10	0.2-6	8.5	43	46	M4	10
<b>TSKA10</b>	General	800 V	76 A	0.5-16	0.5-10	10.2	43	46	M4	10
<b>TSKA16</b>	General	800 V	101 A	2.5-25	4-16	12.2	43	52.5	M4	11
<b>TSKA35</b>	General	1000 V	150 A	0.75-50	0.75-35	15.2	50	61	M6	16
<b>TSKA50</b>	General	1000 V	150 A	16-50	25-50	20.5	71	76	M6	24
<b>TSKA70</b>	General	1000 V	192 A	25-70	25-70	20.2	70.7	76,5	M6	23,5
<b>TSKA95</b>	General	1000 V	232 A	25-95	35-95	25	83	90	M8	33
<b>TSKA150</b>	General	1000 V	309 A	35-150	50-150	31	100	119	M10	40
<b>TSKA240</b>	General	1000 V	415 A	70-240	70-240	36	100	131.5	M12	40
<b>TSKA1,5-K</b>	Neutral	500 V	17.5 A	0.14-1.5	0.14-1.5	4.3	43	41	M2	5
<b>TSKA2,5-K</b>	Neutral	800 V	32 A	0.2-4	0.2-2.5	5.5	43	41,2	M3	8
<b>TSKA4-K</b>	Neutral	800 V	41 A	0.2-6	0.2-4	6.5	43	46	M3	8
<b>TSKA6-K</b>	Neutral	800 V	57 A	0.2-10	0.2-6	8.3	43	46	M4	10
<b>TSKA10-K</b>	Neutral	800 V	76 A	0.5-16	0.5-10	10.5	43	46	M4	10
<b>TSKA16-K</b>	Neutral	800 V	101 A	2.5-25	4-16	12.5	43	52.5	M4	11
<b>TSKA35-K</b>	Neutral	1000 V	150 A	0.75-50	0.75-35	15.7	51	62	M6	16
<b>TSKA50-K</b>	Neutral	1000 V	150 A	16-50	25-50	20.5	71	76	M6	24
<b>TSKA70-K</b>	Neutral	1000 V	192 A	25-70	25-70	20.2	70.7	76,5	M6	23,5
<b>TSKA95-K</b>	Neutral	1000 V	232 A	25-95	35-95	25	83	90	M8	33
<b>TSKA150-K</b>	Neutral	1000 V	309 A	35-150	50-150	31.5	101	112	M10	40
<b>TSKA240-K</b>	Neutral	1000 V	415 A	70-240	70-240	36	100	131.5	M12	40
<b>TSKA1,5JD</b>	PE	500 V	17.5 A	0.14-1.5	0.14-1.5	4.3	43	41	M2	5
<b>TSKA2,5JD</b>	PE	–	32 A	0.2-4	0.2-2.5	5.5	42.5	45.5	M3	8
<b>TSKA4JD</b>	PE	–	41 A	0.2-6	0.2-4	6.5	43	46	M3	8
<b>TSKA6JD</b>	PE	–	57 A	0.2-10	0.2-6	8.5	43	46	M4	10
<b>TSKA10JD</b>	PE	–	76 A	0.5-16	0.5-10	10.5	43	45.5	M4	10
<b>TSKA16JD</b>	PE	–	101 A	2.5-25	4-16	12.5	43	52.5	M4	11
<b>TSKA35JD</b>	PE	–	150 A	0.75-50	0.75-35	16	55	51	M6	16
<b>TSKA50JD</b>	PE	–	150 A	16-50	25-50	20.5	71	77	M6	24
<b>TSKA70JD</b>	PE	–	192 A	25-70	25-70	20.2	70.7	76,5	M6	23,5
<b>TSKA95JD</b>	PE	–	230 A	95-95	35-95	25.3	83.3	89.7	M8	23,5
<b>TSKA2,5/2</b>	Double-deck	500 V	32 A	0.2-4	0.2-2.5	5.5	56.5	62	M3	8
<b>TSKA2,5/2S</b>	Double-deck	500 V	24 A	0.2-4	0.2-4	5.5	62.1	47	M3	6
<b>TSKA4/2</b>	Double-deck	500 V	32 A	0.2-4	0.2-4	6.5	56.5	61	M3	8
<b>TSKA4/3</b>	Three-contact	500 V	32 A	0.2-4	0.2-4	6.5	50	46	M3	8
<b>TSKA4/4</b>	Four-contact	690 V	32 A	0.2-6	0.2-4	6.5	63.5	46	M3	8
<b>TSKA10/3</b>	Three-contact	800 V	65 A	0.5-16	0.5-10	10	57	57.8	M4	5
<b>TSKA4LEV</b>	Separate	500 V	16 A	0.2-4	0.2-4	6.5	51.5	47	M3	8
<b>TSKA6S</b>	Measuring	400 V	57 A	0.5-10	0.5-6	8.5	72.5	51	M4	13
<b>TSKA4B</b>	Fuse type	800 V	6.3 A	0.2-4	0.2-4	8	73.6	55	M3	8
<b>TSKA16B</b>	Fuse type	800 V	6.3 A	0.5-16	0.5-16	12.2	62.6	57.8	M4	9



2 modules

3 modules

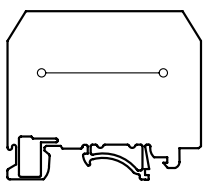
(1) **USF35-2** **USF35-3**(2) **USF50-2** **USF50-3**

(3) The KJ-A block marker can be clip-on the RE1 type end bracket

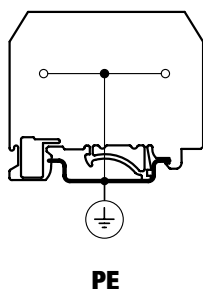


(3) TRACON

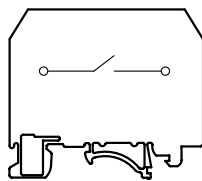
0.4	<b>USF1,5</b>	-	-	-	<b>VL1,5</b>	-	-	<b>SZEL101</b>	<b>J4</b>	<b>RE1</b>	<b>TSKA1,5</b>
0.5	<b>USF2,5</b>	<b>SF102</b>	<b>SF103</b>	<b>SF100</b>	<b>VL4/10</b>	-	<b>EL102</b>	<b>SZEL101</b>	<b>J5</b>	<b>RE1</b>	<b>TSKA2,5</b>
0.5	<b>USF4</b>	<b>SF112</b>	-	<b>SF110</b>	<b>VL4/10</b>	<b>HL4</b>	<b>EL102</b>	<b>SZEL101</b>	<b>J6</b>	<b>RE1</b>	<b>TSKA4</b>
1.2	<b>USF6</b>	<b>SF122</b>	<b>SF123</b>	<b>SF120</b>	<b>VL4/10</b>	<b>HL6</b>	<b>EL102</b>	<b>SZEL101</b>	<b>J8</b>	<b>RE1</b>	<b>TSKA6</b>
1.2	<b>USF10</b>	<b>SF132</b>	<b>SF133</b>	<b>SF130</b>	<b>VL4/10</b>	<b>HL10</b>	<b>EL102</b>	<b>SZEL101</b>	<b>J10</b>	<b>RE1</b>	<b>TSKA10</b>
1.2	<b>USF16</b>	-	-	<b>SF140</b>	<b>VL16</b>	-	<b>EL102</b>	<b>SZEL101</b>	<b>J10</b>	<b>RE1</b>	<b>TSKA16</b>
2.5	<b>USF35<sup>(1)</sup></b>	-	-	<b>SF150</b>	-	-	<b>EL102</b>	-	<b>J10</b>	<b>RE1</b>	<b>TSKA35</b>
2.5	<b>-(<sup>2</sup>)</b>	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA50</b>
1.8	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA70</b>
3.5	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA95</b>
4.0	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA150</b>
14	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA240</b>
0.4	<b>USF1,5</b>	-	-	-	<b>VL4/10</b>	-	-	<b>SZEL101</b>	<b>J4</b>	<b>RE1</b>	<b>TSKA1,5-K</b>
0.5	<b>USF2,5</b>	<b>SF102</b>	<b>SF103</b>	<b>SF100</b>	<b>VL4/10</b>	-	<b>EL102</b>	<b>SZEL101</b>	<b>J5</b>	<b>RE1</b>	<b>TSKA2,5-K</b>
0.5	<b>USF4</b>	<b>SF112</b>	-	<b>SF110</b>	<b>VL4/10</b>	<b>HL4</b>	<b>EL102</b>	<b>SZEL101</b>	<b>J6</b>	<b>RE1</b>	<b>TSKA4-K</b>
1.2	<b>USF6</b>	<b>SF122</b>	<b>SF123</b>	<b>SF120</b>	<b>VL4/10</b>	<b>HL6</b>	<b>EL102</b>	<b>SZEL101</b>	<b>J8</b>	<b>RE1</b>	<b>TSKA6-K</b>
1.2	<b>USF10</b>	<b>SF132</b>	<b>SF133</b>	<b>SF130</b>	<b>VL4/10</b>	<b>HL10</b>	<b>EL102</b>	<b>SZEL101</b>	<b>J10</b>	<b>RE1</b>	<b>TSKA10-K</b>
1.2	<b>USF16</b>	-	-	<b>SF140</b>	<b>VL16</b>	-	<b>EL102</b>	<b>SZEL101</b>	<b>J10</b>	<b>RE1</b>	<b>TSKA16-K</b>
2.5	<b>USF35<sup>(1)</sup></b>	-	-	<b>SF150</b>	-	-	<b>EL102</b>	-	<b>J10</b>	<b>RE1</b>	<b>TSKA35-K</b>
2.5	<b>-(<sup>2</sup>)</b>	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA50-K</b>
2.5	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA70-K</b>
3.5	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA95-K</b>
4.0	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA150-K</b>
14	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA240-K</b>
0.5	-	-	-	-	-	-	-	-	<b>J4</b>	<b>RE1</b>	<b>TSKA1,5JD</b>
0.5	-	-	-	-	-	-	-	-	<b>J5</b>	<b>RE1</b>	<b>TSKA2,5JD</b>
1.2	-	-	-	-	-	-	-	-	<b>J6</b>	<b>RE1</b>	<b>TSKA4JD</b>
0.4	-	-	-	-	-	-	-	-	<b>J8</b>	<b>RE1</b>	<b>TSKA6JD</b>
1.2	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE1</b>	<b>TSKA10JD</b>
1.2	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE1</b>	<b>TSKA16JD</b>
2.5	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE1</b>	<b>TSKA35JD</b>
2.5	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA50JD</b>
2.5	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA70JD</b>
3.5	-	-	-	-	-	-	-	-	<b>J10</b>	<b>RE2</b>	<b>TSKA95JD</b>
0.5	<b>USF4/2</b>	-	-	<b>SF180</b>	<b>VL3/5</b>	-	<b>EL101</b>	-	<b>J5</b>	<b>RE1</b>	<b>TSKA2,5/2</b>
0.4	<b>USF4/2</b>	<b>SF102</b>	<b>SF103</b>	<b>SF100</b>	<b>VL2,5/2S</b>	-	<b>EL102</b>	-	<b>J5</b>	<b>RE1</b>	<b>TSKA2,5/2S</b>
0.5	<b>USF4</b>	<b>SF112</b>	-	<b>SF110</b>	<b>VL3/5</b>	<b>HL4</b>	<b>EL101</b>	-	<b>J6</b>	<b>RE1</b>	<b>TSKA4/2</b>
0.5	<b>USF4</b>	<b>SF112</b>	-	<b>SF110</b>	<b>VL4/3</b>	<b>HL4</b>	<b>EL102</b>	-	<b>J6</b>	<b>RE1</b>	<b>TSKA4/3</b>
0.5	<b>USF4</b>	<b>SF112</b>	-	<b>SF110</b>	<b>VL4/4</b>	<b>HL4</b>	<b>EL101</b>	-	<b>J6</b>	<b>RE1</b>	<b>TSKA4/4</b>
1.2	<b>USF10</b>	<b>SF132</b>	<b>SF133</b>	<b>SF130</b>	-	-	-	-	<b>J5</b>	<b>RE1</b>	<b>TSKA10/3</b>
0.5	-	<b>SF112</b>	-	<b>SF110</b>	-	-	-	-	<b>J6</b>	<b>RE1</b>	<b>TSKA4LEV</b>
1.2	-	-	-	-	<b>VL6S</b>	-	<b>EL105</b>	<b>SZEL105</b>	<b>J8</b>	<b>RE1</b>	<b>TSKA6S</b>
0.5	-	-	-	-	-	-	-	-	<b>J8</b>	<b>RE1</b>	<b>TSKA4B</b>
1.2	<b>USF16</b>	-	-	-	-	-	-	-	<b>J8</b>	<b>RE1</b>	<b>TSKA16B</b>



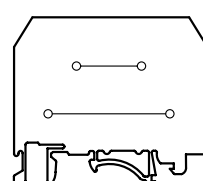
General, neutral



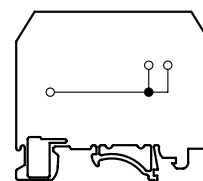
PE



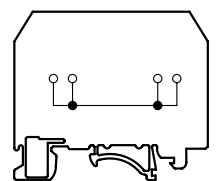
Measuring, separate



Double-deck



Three-contact



Four-contact

## TSKC screwless (spring) terminals

The spring terminal blocks were designed mainly for jointing control circuit wires in 0,2 mm<sup>2</sup>- 16 mm<sup>2</sup> cross-section range in good quality, quick and reliable way. The terminal block can accommodate unprepared rigid wires, or twisted or flexible wires equipped with cord-end terminals or male lugs.

The highly heat resistant, strong, self-extinguishing (according to UL94-V0) polyamide plastic house with good electrical parameters – witch contains the electrical elements - , is shaped in a way to permit the terminal block to be fixed onto mounting rails according standard EN 50022 („hat” or „C” rail).



### General purpose terminal blocks

They enable to joint wires in 2,5 mm<sup>2</sup> - 16 mm<sup>2</sup> cross-section on space-saving, upwards way. The contact is ensured by a spring placed inside the block. To release the joint push the spring with a screwdriver.



TSKC..D



### Neutral conductor terminal blocks

They have the same construction as the general purpose terminal blocks, however thanks to its blue color plastic house they are suited for jointing the neutral conductor, being visually different from the phase conductor.



TSKC..D-K



### Protective conductor terminal blocks

They are suitable to make electrical and mechanical connection between PE conductors and the grounded mounting rail. The terminal blocks are also suited to joint PEN and PE conductors. General, three- and four-contact versions are also available.



TSKC..JDD



### Double-deck terminal blocks

They are suitable for jointing wires of 2-3 separated circuits. Due to proper construction of plastic house the two terminal levels can be easily handled by a screwdriver. They are useful in case of lack of space.



### Three conductors through terminal blocks

They are most useful when wires with different construction, type and cross-section on the same circuit are to be jointed. They are available in neutral conductor version (blue), too.



### Four conductors through terminal blocks

They are most useful when wires with different construction, type and cross-section on the same circuit are to be jointed. They are available in neutral conductor version (blue), too.



### Fuse type terminals

The terminals have a built-in glass fuse to protect the connected network. The user can be informed by an integrated LED about the operation status of the fuse. (for 5×20mm fuses)



RELEVANT STANDARD  
EN 60947-7-1

RELEVANT STANDARD  
EN 60947-7-2



## Accessories

### AHC..., SFC... bridging links

They are available in 2 poles versions. With the SFC type two adjacent element, with the AHC type every second element can be bridged together.



### J marking stickers

These marking stickers can be used for „J” marking bars and are available in 4 sizes. Sheets are A4 size with the following symbols: 1-100, L1, L2, L3, R, S, T, N, etc. The full assortment can be found in our webshop!



### REC1, REC2, REC3 end fasteners

They allow to fix terminal blocks on mounting rails (35 / 7,5 mm size „hat” or 32 / 15 mm size „C” rail). It is recommended to use them on both sides of blocks.



### TSKC-EJ multi-deck terminal mark bar holder

Marking multi deck terminals is also possible by using these holders.



### VLC end plates

The end plates are used to close the terminal block's end. They ensure enough insulation space in according to the rated voltage and the electrical safety between different size neighboring terminal blocks.



### SJ9 Marking Terminal Blocks

Marker for rail mount; applicable to mark rails with 13/7 (SJ15/SJ9) mm size paper to slide on its top.



### TSKCJS mark bars

These mark bars are used for the identification of terminal blocks with J marking stickers. It helps to improve the identification of circuits during installation and maintenance.



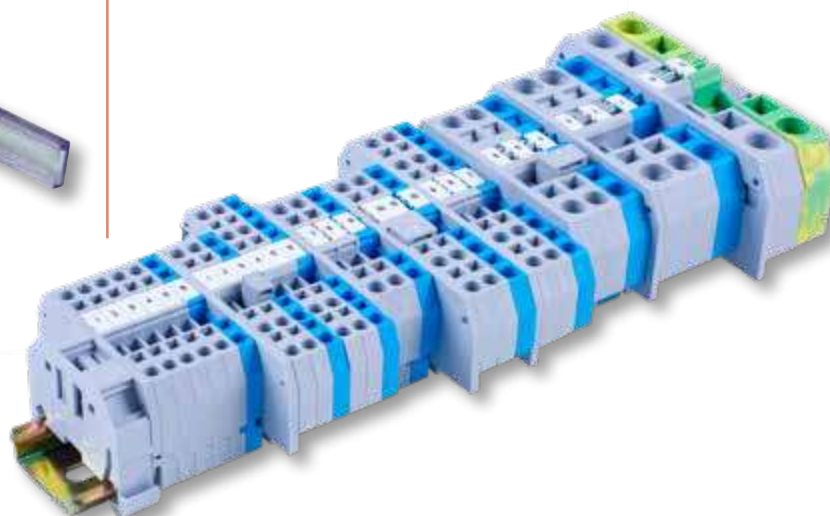
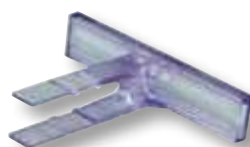
### SJ15 Marking Terminal Blocks

Marker for rail mount; applicable to mark rails with 13/7 (SJ15/SJ9) mm size paper to slide on its top..



### KJ-A terminal stripe identifier



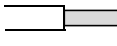

Identifying terminals stripes is possible by using this bar. The 44 × 7 mm size bar have to be clicked on REC3 fasteners.

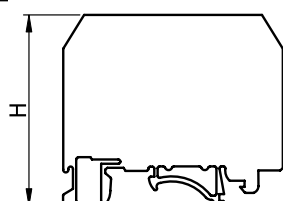
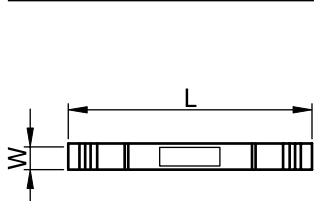


RELEVANT STANDARD  
EN 60947-7-1

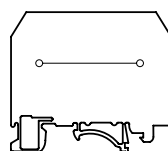
RELEVANT STANDARD  
EN 60947-7-2



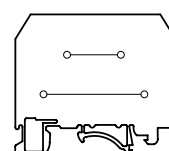
TRACON		X 	U <sub>n</sub>	I <sub>n</sub>	mm <sup>2</sup>		W (mm)	L (mm)	H (mm)
									
<b>TSKC2,5</b>	General	× 2	800 V	24 A	0.2-4	0.2-2.5	5	53.5	32.5
<b>TSKC2,5/3</b>	General	× 3	800 V	24 A	0.2-4	0.2-2.5	5	65	32.5
<b>TSKC2,5/4</b>	General	× 4	800 V	20 A	0.2-4	0.2-2.5	5	76.5	33
<b>TSKC4</b>	General	× 2	800 V	32 A	0.2-6	0.2-4	6	60	33.5
<b>TSKC4/3</b>	General	× 3	800 V	32 A	0.2-6	0.2-4	6	74.5	33
<b>TSKC4/4</b>	General	× 4	800 V	26 A	0.2-6	0.2-4	6	86.5	33
<b>TSKC6</b>	General	× 2	800 V	41 A	0.2-10	0.2-6	8.2	73.8	40
<b>TSKC10</b>	General	× 2	800 V	57 A	0.2-16	0.2-10	10	77.4	42
<b>TSKC16</b>	General	× 2	800 V	76 A	0.2-16	0.2-10	12	94	44.8
<b>TSKC2,5JD</b>	PE	× 2	–	24 A	0.2-4	0.2-2.5	5	53.5	32.5
<b>TSKC2,5/3JD</b>	PE	× 3	–	24 A	0.2-4	0.2-2.5	5	65	32.5
<b>TSKC2,5/4JD</b>	PE	× 4	–	20 A	0.2-4	0.2-2.5	5	76.5	33
<b>TSKC4JD</b>	PE	× 2	–	32 A	0.2-6	0.2-4	6	60	33.5
<b>TSKC4/3JD</b>	PE	× 3	–	32 A	0.2-6	0.2-4	6	74.5	33
<b>TSKC4/4JD</b>	PE	× 4	–	26 A	0.2-6	0.2-4	6	86.5	33
<b>TSKC6JD</b>	PE	× 2	–	41 A	0.2-10	0.2-6	8.2	73.8	40
<b>TSKC10JD</b>	PE	× 2	–	57 A	0.2-16	0.2-10	10	77.4	42
<b>TSKC16JD</b>	PE	× 2	–	76 A	0.2-16	0.2-10	12	94	44.8
<b>TSKC2,5-K</b>	Neutral	× 2	800 V	24 A	0.2-4	0.2-2.5	5	53.5	32.5
<b>TSKC2,5/3-K</b>	Neutral	× 3	800 V	24 A	0.2-4	0.2-2.5	5	65	32.5
<b>TSKC2,5/4-K</b>	Neutral	× 4	800 V	20 A	0.2-4	0.2-2.5	5	76.5	33
<b>TSKC4-K</b>	Neutral	× 2	800 V	32 A	0.2-6	0.2-4	6	60	33.5
<b>TSKC4/3-K</b>	Neutral	× 3	800 V	32 A	0.2-6	0.2-4	6	74.5	33
<b>TSKC4/4-K</b>	Neutral	× 4	800 V	26 A	0.2-6	0.2-4	6	86.5	33
<b>TSKC6-K</b>	Neutral	× 2	800 V	41 A	0.2-10	0.2-6	8.2	73.8	40
<b>TSKC10-K</b>	Neutral	× 2	800 V	57 A	0.2-16	0.2-10	10	77.4	42
<b>TSKC16-K</b>	Neutral	× 2	800 V	76 A	0.2-16	0.2-10	12	94	44.8
<b>TSKC2,5/3D</b>	General	× 3	800 V	24 A	0.2-4	0.2-2.5	5	50.5	41
<b>TSKC2,5/4D</b>	General	× 4	800 V	24 A	0.2-4	0.2-2.5	5	50.5	41
<b>TSKC4/3D</b>	General	× 3	800 V	32 A	0.2-6	0.2-4	6	62	41
<b>TSKC2,5/3JDD</b>	PE	× 3	–	24 A	0.2-4	0.2-2.5	5	50.5	41
<b>TSKC4/3JDD</b>	PE	× 3	–	32 A	0.2-6	0.2-4	6	62	41
<b>TSKC2,5/3D-K</b>	Neutral	× 3	800 V	24 A	0.2-4	0.2-2.5	5	50.5	41
<b>TSKC2,5/4D-K</b>	Neutral	× 4	800 V	24 A	0.2-4	0.2-2.5	5	50.5	41
<b>TSKC4/3D-K</b>	Neutral	× 3	800 V	32 A	0.2-6	0.2-4	6	62	41
<b>TSKC2,5E</b>	Double deck	2 × 2	500 V	20 A	0.2-4	0.2-2.5	5	75	44
<b>TSKC4E</b>	Double deck	2 × 2	500 V	26 A	0.2-6	0.2-4	6	83	43
<b>TSKC2,5EE</b>	Double deck	3 × 2	500 V	20 A	0.2-4	0.2-2.5	5	104	55
<b>TSKC4B</b>	Fuse type	× 2	250 V	6.3 A	0.2-6	0.2-4	6	60	83
<b>TSKC6B</b>	Fuse type	× 2	220 V	10 A	0.2-10	0.2-6	12.8	62.3	60
<b>TSKC6S</b>	Measuring	× 2	400 V	41 A	0.2-10	0.2-6	8	86	42



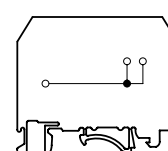
General, neutral








Double deck

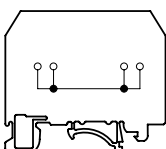


Three contacts

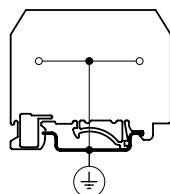


						TRACON
8	VLC2,5	SFC2,5	AHC2,5	TSKCJS	REC1, REC2, REC3	TSKC2,5
9	VLC2,5/3	SFC2,5	AHC2,5	TSKCJS	REC1, REC2, REC3	TSKC2,5/3
9	VLC2,5/4	SFC2,5	AHC2,5	TSKCJS	REC1, REC2, REC3	TSKC2,5/4
10	VLC4	SFC4	AHC4	TSKCJS	REC1, REC2, REC3	TSKC4
10	VLC4/3	SFC4	AHC4	TSKCJS	REC1, REC2, REC3	TSKC4/3
10	VLC4/4	SFC4	AHC4	TSKCJS	REC1, REC2, REC3	TSKC4/4
10	VLC6	SFC6	AHC6	TSKCJS	REC1, REC2, REC3	TSKC6
12	VLC10	SFC10	AHC10	TSKCJS	REC1, REC2, REC3	TSKC10
14	VLC16	SFC16	AHC16	TSKCJS	REC1, REC2, REC3	TSKC16
8	-	-	-	TSKCJS	REC1, REC2, REC3	TSKC2,5JD
9	-	-	-	TSKCJS	REC1, REC2, REC3	TSKC2,5/3JD
9	-	-	-	TSKCJS	REC1, REC2, REC3	TSKC2,5/4JD
10	-	-	-	TSKCJS	REC1, REC2, REC3	TSKC4JD
9	-	-	-	TSKCJS	REC1, REC2, REC3	TSKC4/3JD
10	-	-	-	TSKCJS	REC1, REC2, REC3	TSKC4/4JD
10	-	-	-	TSKCJS	REC1, REC2, REC3	TSKC6JD
12	-	-	-	TSKCJS	REC1, REC2, REC3	TSKC10JD
14	-	-	-	TSKCJS	REC1, REC2, REC3	TSKC16JD
8	VLC2,5	SFC2,5	AHC2,5	TSKCJS	REC1, REC2, REC3	TSKC2,5-K
9	VLC2,5/3	SFC2,5	AHC2,5	TSKCJS	REC1, REC2, REC3	TSKC2,5/3-K
9	VLC2,5/4	SFC2,5	AHC2,5	TSKCJS	REC1, REC2, REC3	TSKC2,5/4-K
10	VLC4	SFC4	AHC4	TSKCJS	REC1, REC2, REC3	TSKC4-K
9	VLC4/3	SFC4	AHC4	TSKCJS	REC1, REC2, REC3	TSKC4/3-K
10	VLC4/4	SFC4	AHC4	TSKCJS	REC1, REC2, REC3	TSKC4/4-K
10	VLC6	SFC6	AHC6	TSKCJS	REC1, REC2, REC3	TSKC6-K
12	VLC10	SFC10	AHC10	TSKCJS	REC1, REC2, REC3	TSKC10-K
14	VLC16	SFC16	AHC16	TSKCJS	REC1, REC2, REC3	TSKC16-K
9	VLC2,5/3D	SFC2,5	AHC2,5	TSKCJS	REC1, REC2, REC3	TSKC2,5/3D
9	VLC2,5/3D	-	-	TSKCJS	REC1, REC2, REC3	TSKC2,5/4D
9	VLC4/3D	SFC4	AHC4	TSKCJS	REC1, REC2, REC3	TSKC4/3D
9	VLC2,5/3D	-	-	TSKCJS	REC1, REC2, REC3	TSKC2,5/3JDD
9	VLC4/3D	-	-	TSKCJS	REC1, REC2, REC3	TSKC4/3JDD
9	VLC2,5/3D	SFC2,5	AHC2,5	TSKCJS	REC1, REC2, REC3	TSKC2,5/3D-K
9	VLC2,5/3D	-	-	TSKCJS	REC1, REC2, REC3	TSKC2,5/4D-K
9	VLC4/3D	SFC4	AHC4	TSKCJS	REC1, REC2, REC3	TSKC4/3D-K
9	VLC2,5E	SFC2,5	AHC2,5	TSKCJS+TSKC-EJ	REC1, REC2, REC3	TSKC2,5E
10	VLC4E	SFC4	AHC4	TSKCJS+TSKC-EJ	REC1, REC2, REC3	TSKC4E
9	VLC2,5EE	SFC2,5	AHC2,5	TSKCJS+TSKC-EJ	REC1, REC2, REC3	TSKC2,5EE
10	VLC4	-	-	-	REC1, REC2, REC3	TSKC4B
9	VLC6B	SFC6	AHC6	TSKCJS	REC1, REC2, REC3	TSKC6B
11	VLC6S	SFC6	AHC6	TSKCJS	REC1, REC2, REC3	TSKC6S

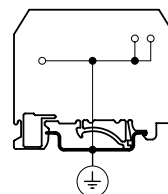
Four contacts



PE



Three contacts, PE



Four contacts, PE

