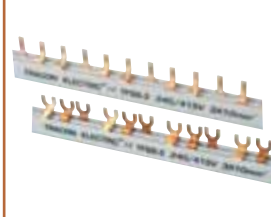
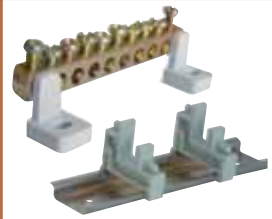
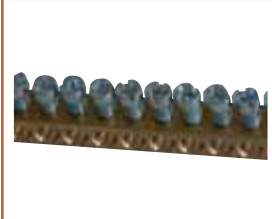
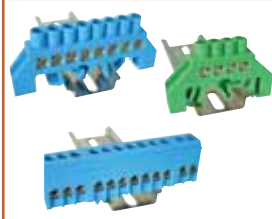
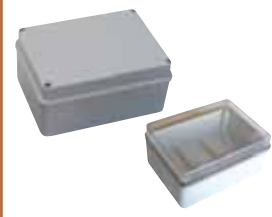


Pictograms of he table heads

	Notes, additions		Fixing of top: With screw	In	Rated current (A)		Colour
	Cover:transparent	IP..	Protection degree		Dielectric strength		Entries
	Mounting rails:perforated		Mounting rails: full		Terminal capacity mm ²		∅ mm Tube diameter
X 	Number of screws		Thread	xP 	Number of poles	x17.5 	Modules
	Solid, strained, fine wire	pcs 	Packing		Pin type		Spade
X 	Number of terminals		Sealing range		Main		Entry side
	Cross-section of rail mm ²		Max. load		Offered load		
	Mechanical loaded neutral core	CLICK 	Fixing of top: Clip-on		Cover:grey		

Pictograms of the technical data

230/400 V AC	Rated voltage (V)	 660 V	Rated insulation voltage	 ABS	Material: ABS	 PA6.6	Material: Polyamide 6.6
 PE	Material: Polyethylene	 PP	Material: Polypropylene	 Cu	Material: Copper	 PVC	Material: PVC
 35x7.5	Can be install on mounting rail	V0 UL94	Flammability according to UL94	 R 10¹⁴ Ωcm	Resistance	 Cu	Copper rail
Ft (N)  1.8 N/cm	Adhesiveness	 500 %	Tensile elongation	 Fsz 150 N/cm	Tensile force, tensile strength	 40 kV/mm	Dielectric strength
To  -0..+90°C	Operation temperature	In max. 100 A	Rated current (A)	IP 68	Protection degree	Ta  -10..+55 °C	Ambient temperature

				
Insulating tapes 2	Self-vulcanising, insulating tapes 3	Textile tape 3	Cable glands 4	PG metal Cable glands 4
				
MG metrical Cable glands 5	MG metal cable glands 5	Metrical cable glands with strain relief and bend 6	Metrical constrictor screw 6	Female tightening bolts 7
				
Metrical closing cap 7	Cable gland for quick connection to corrugated tubes 8	Wire markers 9	Self-adhesive marking labels 9	Connecting rails 10
				
Mounting rails 11	Copper rail holders 11	Copper rail (N/PE rail) 11	Insulated grounding rail 12	Surface-mounted connection boxes 13
				
Plastic box 14	Electronics boxes 14	Plastic installation boxes 15	Elastic boxes placed outside the wall 15	Rigips boxes 15
				
Sunk-in perforated connection boxes 16	Sunk-in perforated installation boxes 16	Protection lids for plastering 17	Universal installation box 17	Box extension for subsequent wall isolation 17
				
Fittings for insulated aerial cable bounds 18	Insulated piercing connectors (IPC) 18	Insulated piercing connectors (IPC) 19	LTT type Aerial wire distance keeper 19	TB Roof pole inlet 19

Insulating tapes



RELEVANT STANDARD
EN 60454



Pictograms

N/O



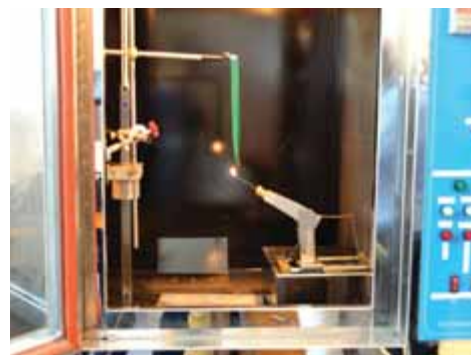
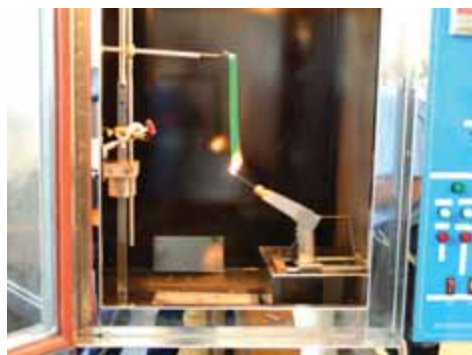
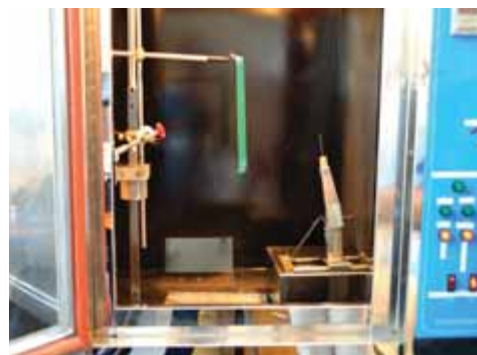
/ TRACON

	10 m × 15 mm	10 m × 18 mm	20 m × 18 mm	20 m × 50 mm
	B10-15	B10	B20	-
	FEH10-15	FEH10	FEH20	FEH50
	FEK10-15	FEK10	FEK20	FEK50
	K10-15	K10	K20	K50
	-	L10	L20	-
	-	N10	N20	-
	P10-15	P10	P20	P50
	S10-15	S10	S20	S50
	SZ10-15	SZ10	SZ20	SZ50
	Z10-15	Z10	Z20	Z50
	ZS10-15	ZS10	ZS20	ZS50



TÜV MEEI TEST DOCUMENTATION
28207724 001

We are testing the flammability of our plastic products with our glow wire and flame rating testers.



Self-vulcanising, insulating tapes

TRACON		
ONVSZ19	10 m × 19 mm	0,5±0,05
ONVSZ25	10 m × 25 mm	0,5±0,05
ONVSZ38	10 m × 38 mm	0,5±0,05

Poly-isobutylene, flammable, black coloured tapes separated with plastic film against self – adhesion. Main applications: this type of insulating tapes is mainly used for insulating connections of low current and television cables and wires and also for telecom cable jointing, anticorrosion prevention of pipelines, low and medium voltage power cable installation up to 36 kV but this latter – due to the flammability – only in cases when there is no heat effect.



Textile tape

			
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TRACON		
TVSZ25	25 m × 25 mm	0,3 mm

Extruded PE textile tape.

Based on woven (55 eyes) PET/rayon tape which covered by pressure sensitive natural rubber glue.



Special textile tape

				
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TRACON			
SV50	50 m × 50 mm	0,15 mm	

These tapes having good adhesiveness and recommended for industrial applications for fixing, signing or bounding.



Floor marking tape for industrial applications

				
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TRACON			
BY50	33 m × 50 mm	0,15 mm	

These tape is recommended for marking the corridors or dangerous places in halls, warehouses.



Pg plastic cable glands

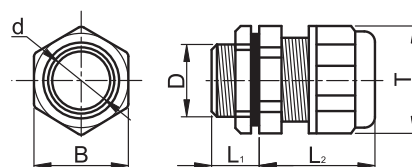


Pictograms

N/O

TRACON		mm		T (mm)		B (mm)		d (mm)		D (mm)		L ₁ (mm)		L ₂ (mm)	
PG..	PGH..	PG..	PGH..	PG..	PGH..	PG..	PGH..	PG..	PGH..	PG..	PGH..	PG..	PGH..	PG..	PGH..
PG-7	PGH7	3.5-6.5	3-6.5	16	16	18	18	6	11	12	11	10	15	22	29
PG-9	PGH9	4.5-7	4-8	19	19	22	21	8	14	15	14	10	15	25	31
PG-11	PGH11	5.5-10	5-10	22	22	23	23	10	17	18	17	8	15	29	33
PG-13,5	PGH13,5	9-13	6-12	23	24	26	26	13	19	20	19	10	15	29	35
PG-16	PGH16	10-14	10-14	26	26	29	29	14	21	21	21	9	15	29	34
PG-21	PGH21	14-18	13-18	32	32	35	35	19	26	28	27	12	15	35	42
PG-29	PGH29	18-25	18-25	41	41	45	45	26	35	36	38	12	18	40	45
PG-36	PGH36	25-33	22-32	52	52	58	58	31	45	46	45	12	18	45	51
PG-42	PGH42	30-38	32-38	57	57	62	61	37	52	51	52	17	18	47	57
PG-48	PGH48	37-44	37-44	65	65	71	70	43	58	58	58	21	18	50	59

Connection thread: armour tube


TÜV MEEI TEST DOCUMENTATION
28203800 001

RELEVANT STANDARD
MSZ 4858

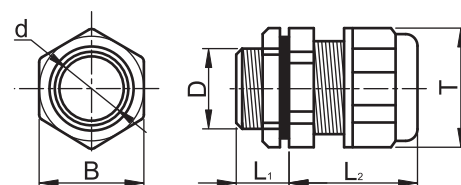
PG metal Cable glands



TRACON		mm		T (mm)		B (mm)		d (mm)		D (mm)		L ₁ (mm)		L ₂ (mm)	
PGF..		PGF..		PGF..		PGF..		PGF..		PGF..		PGF..		PGF..	
PGF-7		3.5 - 6.5		15		14		8		13		6		18	
PGF-9		5 - 8		20		18		8.5		15.3		6		20	
PGF-11		6 - 9.5		23		20		10.3		17.6		7		23	
PGF-13,5		7 - 11.5		23		22		12		22		7		23	
PGF-16		8 - 12		26		25		14		21.8		6		22	
PGF-21		10 - 18		33		30		18.4		26.5		7		24	
PGF-29		16 - 23		44		40		26		37		9		30	
PGF-36		18 - 31.5		56		50		35		47.7		12		35	
PGF-42		26 - 38		64		56		38		54		11		41	
PGF-48		32 - 44		72		66		46		59.2		13		38	

Connection thread: armour tube

Material: copper (chromed)


RELEVANT STANDARD
MSZ 4858-81

Mg plastic cable glands

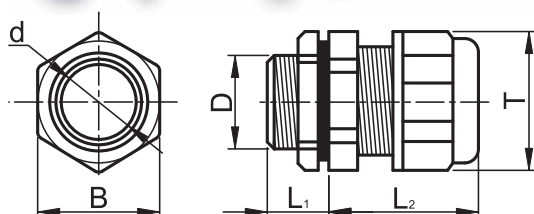
PA6.6

V2
UL94T_a
-40...+85°CIP
66

Pictograms

N/O

TRACON				T (mm)	B (mm)	d (mm)	D (mm)	L ₁ (mm)	L ₂ (mm)	
MG-12		MG-12F		3.5-7.5	18.3	17.3	7.6	M12	9	27
MG-16		MG-16F		5-10	22	21.7	10.6	M16	15	30
MG-20		MG-20F		6.5-14	29.5	27	14.5	M20	14	37
MG-25		MG-25F		12-18	32.6	32.6	18	M25	14	37
MG-32		MG-32F		15-24	40.6	40.5	26	M32	15	42
MG-40		MG-40F		21-30	49.4	48.9	30.8	M40	20	46
MG-50		MG-50F		30-40	62.1	60.6	40.6	M50	22.5	54
MG-63		MG-63F		40-50	81	76	52.5	M63	23.8	57

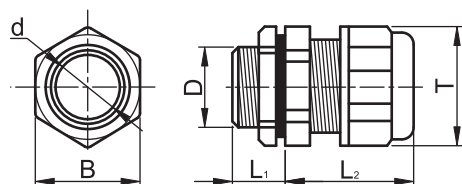
RELEVANT STANDARD
EN 50262TÜV MEEI TEST DOCUMENTATION
V-13010

MG metal cable glands

V2
UL94T_a
-40...+105°CIP
66

TRACON		mm 	T (mm)	B (mm)	d (mm)	D (mm)	L ₁ (mm)	L ₂ (mm)
MGF-12		3.5 - 6	15	14	6	M12	7	18
MGF-16		5 - 8	20	18	8.5	M16	7	20
MGF-20		6.5 - 12	24	22	12	M20	8	22
MGF-25		12 - 14	29	27	16	M25	7	25
MGF-32		15 - 22	38	35	23	M32	7	26
MGF-40		21 - 31	56	50	32	M40	12	35
MGF-50		28 - 35	55	50	36	M50	10	40
MGF-63		40 - 44	70	65	46	M63	11	38

Material: copper (chromed)

RELEVANT STANDARD
MSZ 4858-81

Metrical cable glands with strain relief and bend



Pictograms

N/O

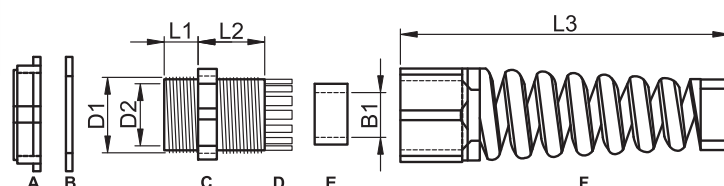
TRACON	mm	D ₁ (mm)	D ₂ (mm)	B ₁ (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)
MG-12TG	3-6.5	M12 × 1.25	8.3	6	7.9	12.1	53.3
MG-16TG	5-10	M16 × 1.5	10.9	9.6	14.4	14.4	74.9
MG-20TG	10-14	M20 × 1.5	14.8	12.9	12.8	19.5	96.2
MG-25TG	13-18	M25 × 1.5	18.5	16.5	13.9	19.5	111.2



The cable glands with integrated strain relief can be used at flexible cable inputs and in every other case, when reliability and strain protection are important.

RELEVANT STANDARD
EN 50262

RELEVANT STANDARD
EN 60423



A – Tighten nut
B – Spacer

C – Body
D – Patented claw

E – Seal
F – Tighten nut with strain relief



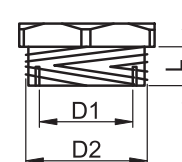
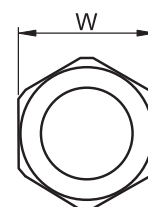
Metrical constrictor screw



TRACON	D ₂ (mm)	D ₁ (mm)	L (mm)	W (mm)
TMSZ-20/12	M20 × 1.5	M12 × 1.5	8	24.2
TMSZ-20/16	M20 × 1.5	M16 × 1.5	8	24.2
TMSZ-25/16	M25 × 1.5	M16 × 1.5	8	29
TMSZ-25/20	M25 × 1.5	M20 × 1.5	8	29
TMSZ-32/20	M32 × 1.5	M20 × 1.5	10	35.9
TMSZ-32/25	M32 × 1.5	M25 × 1.5	10	35.9
TMSZ-40/32	M40 × 1.5	M32 × 1.5	10	45.8
TMSZ-50/40	M50 × 1.5	M40 × 1.5	11.5	55
TMSZ-63/50	M63 × 1.5	M50 × 1.5	11.5	67.5



The constrictor screw is applicable, when an installed hole is bigger, than the outer tread of cable gland. For constrictor screw a female tightening bolt is also available, see on next page!



RELEVANT STANDARD
EN 60423

Female tightening bolts



V2
UL94



Pictograms

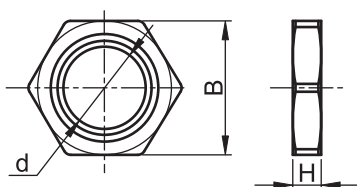
N/O

TRACON		B (mm)	d (mm)	H (mm)
MG-12-A	MG12	M12 × 1,5	17,5	5
MG-16-A	MG16	M16 × 1,5	22	7
MG-20-A	MG20	M20 × 1,5	26,5	7,5
MG-25-A	MG25	M25 × 1,5	33	8
MG-32-A	MG32	M32 × 1,5	40,5	8
MG-40-A	MG40	M40 × 1,5	49	10
MG-50-A	MG50	M50 × 1,5	60,5	9,5
MG-63-A	MG63	M63 × 1,5	73,5	11

Female tightening bolts are applicable for fixing metrical cable glands, constrictor screws and closing caps onto holes on electric boxes.



RELEVANT STANDARD
EN 60423



Metrical closing cap



V2
UL94



IP
68



Pictograms

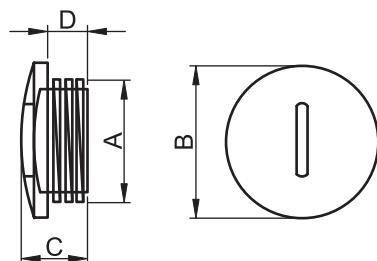
N/O

TRACON	A (mm)	B (mm)	C (mm)	D (mm)
TMZ-12	M12 × 1.5	15	10	6
TMZ-16	M16 × 1.5	20	10.5	6
TMZ-20	M20 × 1.5	24	10.5	6
TMZ-25	M25 × 1.5	29.7	12.8	7.8
TMZ-32	M32 × 1.5	36.6	13.3	7.8
TMZ-40	M40 × 1.5	45.8	13.4	7.8
TMZ-50	M50 × 1.5	55.5	16.2	9.8
TMZ-63	M63 × 1.5	69.3	17.5	11.8

They are generally applicable for closing free holes on electric boxes. For closing cap a female tightening bolt is also available.



RELEVANT STANDARD
EN 60423



Cable gland for quick connection to corrugated tubes


V2
UL94

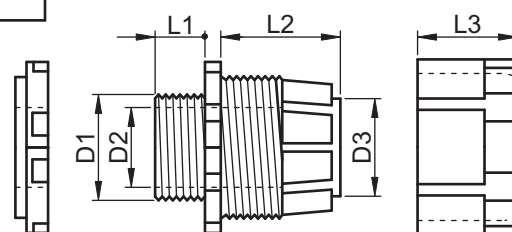
IP
68


Pictograms

N/O

TRACON	D ₁ (mm)	D ₂ (mm)	D ₃ (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	
GCS-16	15,9	11	10,8	10	17,9	15,7	16 mm
GCS-20	19,2	15	14,7	10	17,7	16	20 mm
GCS-25	25	18,9	19,8	11,4	23,6	20,6	25 mm
GCS-32	31,2	26	24,3	12	22,8	20,6	32 mm
GCS-40	37,5	31,5	31,6	11,3	23,6	20,7	40 mm
GCS-50	44	37,5	39,5	12,6	21,6	20,7	50 mm

To be applied for connection of corrugated tubes to distribution boxes.


RELEVANT STANDARD
EN 60423

SCAN THE QR CODE!

- Check our new products
- Be updated

Our assortment is expanding quickly and continuously!

Our catalogue shows the assortment of March 2016.
Be up to date by our web page!

Wire markers



TRACON	mm ²		Type*	pcs
J020...J029	0.2...1.5	0, 1, ..., 9	A	10-100
J02-	0.2...1.5	-	A	10-100
J02+	0.2...1.5	+	A	10-100
J02GND	0.2...1.5	⏏	A	10-100
J02X	0.2...1.5	X	A	10-100
J02Y	0.2...1.5	Y	A	10-100
J150....J159	1.5...4	0, 1, ..., 9	A	10-100
J150P...J159P	1.5...4	0, 1, ..., 9	B	10-100
JSET	1.5...4	0, 1, ..., 9	A	10 × 50
J15A...J15Z	1.5...4	A, B, ..., Z	A	10-100
J15/	1.5...4	/	A	10-100

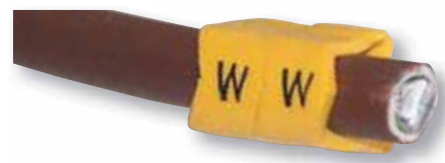
* A: to be pulled on the wire; B: to be snapped on the wire



A



B



TRACON	mm ²		Type*	pcs
J15-	1.5...4	-	A	10-100
J15+	1.5...4	+	A	10-100
J15GND	1.5...4	⏏	A	10-100
JSET/B	1.5...4	⏏, A, B, J, 0, R, S, T, +, -	A	10 × 50
J40...J49	4...10	0, 1, ..., 9	A	10-100
J40P...J49P	4...10	0, 1, ..., 9	B	10-100
J4A...J4Z	4...10	A, B, ..., Z	A	10-100
J4-	4...10	-	A	10-100
J4+	4...10	+	A	10-100
J100...J109	10...25	0, 1, ..., 9	A	10-100



Self-adhesive marking labels

These labels of 20 mm diameter are used for indication of collecting rails, joining connectors in joint boxes and devices.

TRACON	Title	Marking label
JC01	1 st phase conductor on AC system	L1
JC02	2 nd phase conductor on AC system	L2
JC03	3 rd phase conductor on AC system	L3
JC04	Positive conductor on DC system	L+
JC05	Negative conductor on DC system	L-
JC06	Neutral conductor	N
JC07	Middle conductor of DC system	M
JC08	Detached protective conductor	PE

TRACON	Title	Marking label
JC09	Potential equalizer conductor	PE0
JC10	Common neutral and protective conductor	PEN
JC11	European Certificate sign	CE
JC12	Explosion proof device (older)	Ex
JC13	Explosion proof device	Ex
JC14	Service earthen terminal	⏏
JC15	Terminal for protective conductor	⏏

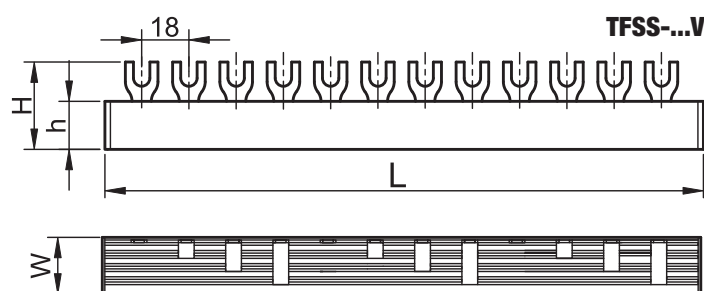
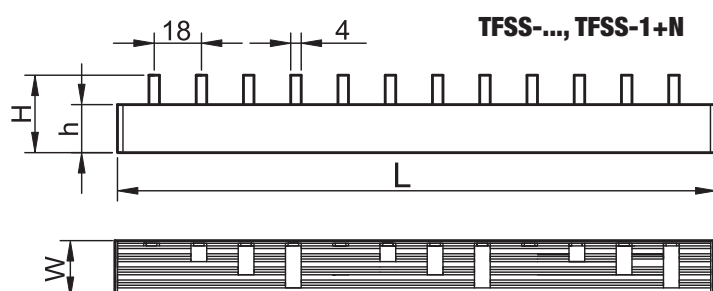
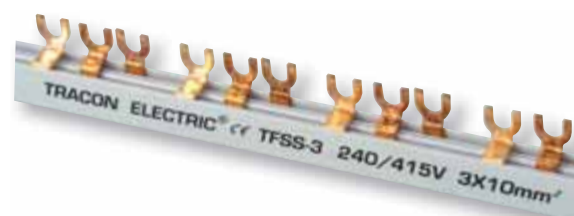
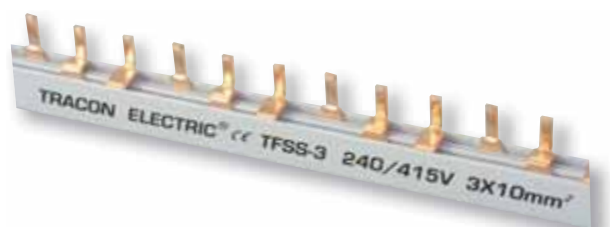


Connecting rails

230/400 V AC	 U_i 500 V	T_a -40...+85°C	V0 UL94
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 Pictograms	N/O
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TRACON		I_n			L (mm)	H (mm)	h (mm)	W (mm)	
TFSS-1		max. 63 A	10 mm ²	56 mod.	1000	15.4	4.8	12.5	1
TFSS-1-12		max. 63 A	10 mm ²	12 mod.	215	15.4	4.8	12.5	1
TFSS-1+N		max. 63 A	10 mm ²	56 mod.	1000	19	9.2	21/15.3	1+N
TFSS-2		max. 63 A	10 mm ²	56 mod.	1000	29.4	17	10.4	2
TFSS-3		max. 63 A	10 mm ²	56 mod.	1000	29.5	18	21	3
TFSS-3-12		max. 63 A	10 mm ²	12 mod.	215	29.5	18	21	3
TFSS-4		max. 63 A	10 mm ²	56 mod.	1000	29.5	18.3	21.6	4
TFSS-1V		max. 63 A	10 mm ²	56 mod.	1000	14.8	5	15	1
TFSS-1V-12		max. 63 A	10 mm ²	12 mod.	215	14.8	5	15	1
TFSS-2V		max. 63 A	10 mm ²	56 mod.	1000	28.5	17	10.4	2
TFSS-3V		max. 63 A	10 mm ²	56 mod.	1000	28.5	17	15.5	3
TFSS-3V-12		max. 63 A	10 mm ²	12 mod.	215	28.5	17	15.5	3
TFSS-4V		max. 63 A	10 mm ²	56 mod.	1000	30	18.2	21.1	4
TFSS100-1		max. 100 A	25 mm ²	37 mod.	1000	15	-	19	1
TFSS125-1		max. 125 A	35 mm ²	37 mod.	1000	17	-	18	1



Other accessories

TRACON	Description
TFSS-1Z	Closing cap for 1-pole 63 A rails
TFSS-2Z	Closing cap for 2-poles 63 A rails
TFSS-3Z	Closing cap for 3-poles 63 A rails
TFSS-4Z	Closing cap for 4-poles 63 A rails
TFSS-1CS	Screw terminal for wires up to 25 mm ²

The TFSS type connecting rail serves to joint the input sides of circuit breakers. The male versions can be used with female contacts, the spade versions can be used with screw contacts. The rail can be cut to the necessary sizes.

TFSS100-1, TFSS125-1: These rails are suitable to supply high current modular devices like high current circuit breakers. Applications are similar as with simple connecting rails seen above. Because of the 27 mm divisions, 5 mm clearance between adjacent devices is ensured, i.e. the maximal current load of the device is less temperature-dependant.

The poles can be sled a bit for exact connection.

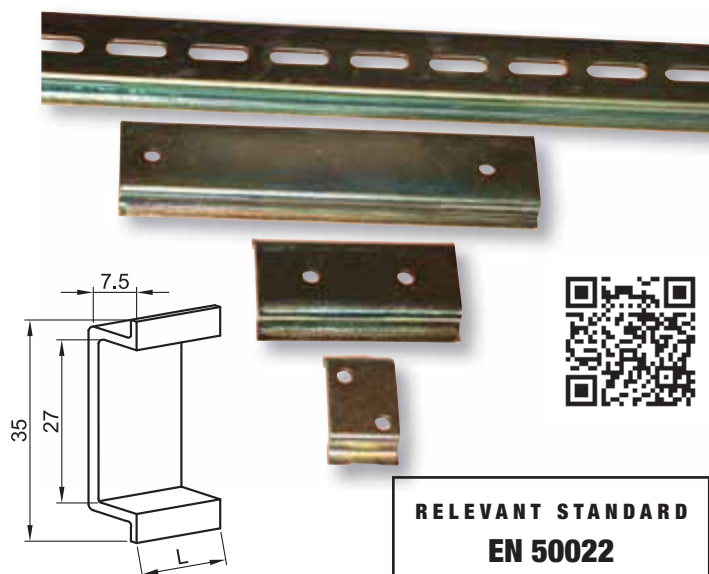
Mounting rails

TRACON	L (mm)
35/7,5SIN-1000	1000
35/7,5SIN-500	500
35/7,5SIN-137	137
35/7,5SIN-60	60
35/7,5SIN-20	20
35/7,5SIN-T-1000	1000
35/7,5SIN-T-200	200

Suited for fixing of DIN type mounted rails devices, "hat" form, galvanized steel rails.

They can be installed with screw, to the holes provided.

On the longer ones there are rows of oval holes.

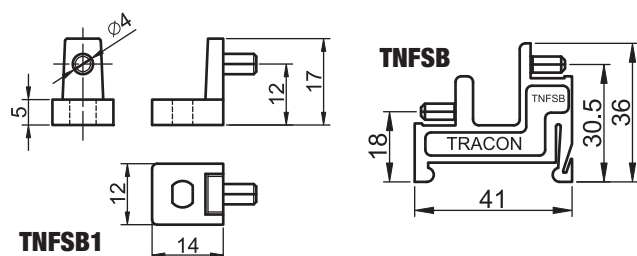


RELEVANT STANDARD
EN 50022

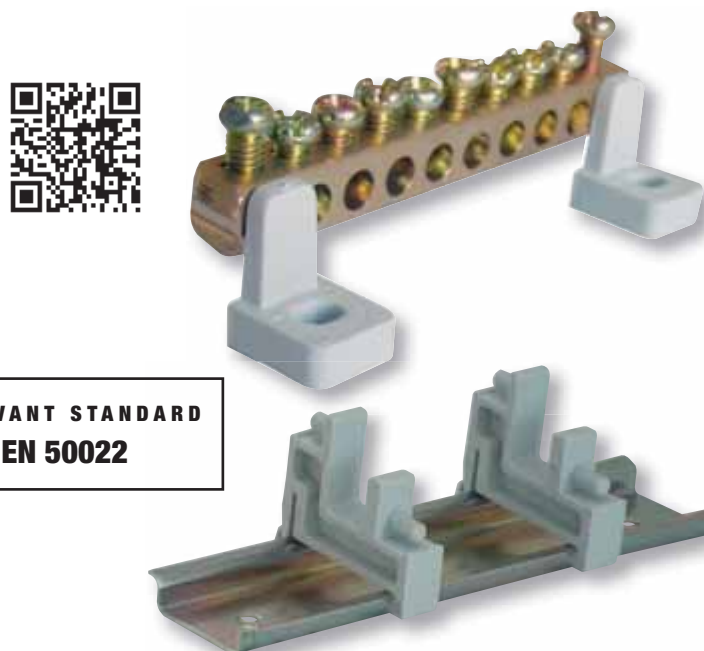
Copper rail holders



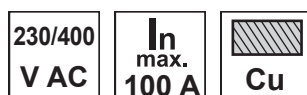
TRACON	Description
TNFSB1	Copper rail holder for 1 pc rail
TNFSB	Copper rail holder for 2 pcs rails



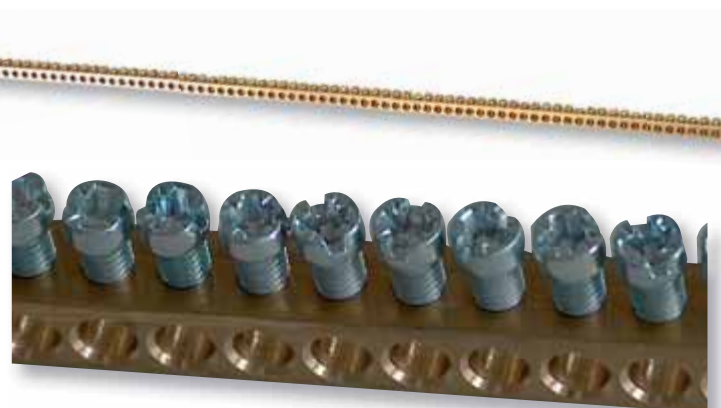
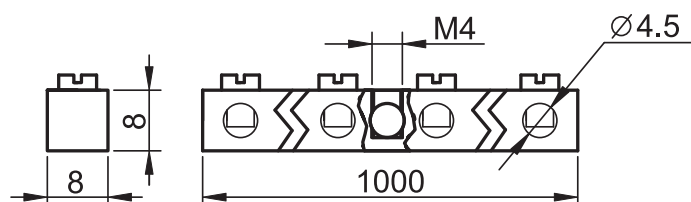
RELEVANT STANDARD
EN 50022



Copper rail (N/PE rail)



TRACON	mm ²
TNFS	25 16

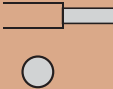


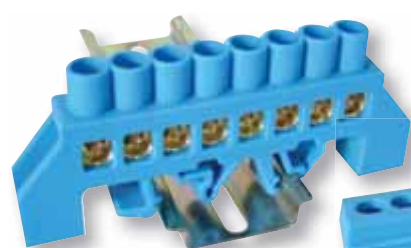
RELEVANT STANDARD
EN 60998

Insulated grounding rail



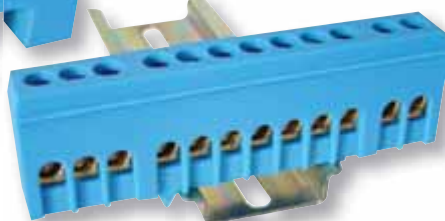
230/400 V AC	I_n max. 100 A	U_i 500 V	Cu	PA6.6	IP 20	T_a -40...+85°C	35x7.5	V1 UL94
-----------------	------------------------	----------------	------	-------	----------	----------------------	--------	------------

TRACON			I_n		mm^2	L (mm)	L ₁ (mm)	L ₂ (mm)	H (mm)	W (mm)	d (mm)	 M	
NPE-ZB	6 × 9	12	max. 63 A	2.5-16	2.5-10	88	-	-	26	13	5,5	M5	
NPE-ZG		12				88	-	-	26	13	5,5	M5	
NPE-B6-4		4				-	49	34	35	10,5	5	M4	
NPE-B6-6		6				-	49	47	35	10,5	5	M4	
NPE-B6-8		8				-	70	60	35	10,5	5	M4	
NPE-B8-6	8 × 12	6	max. 100 A	4-35	4-25	-	66	57	39	12,6	7	M5	
NPE-B8-8		8				-	79	34	28	10,5	7	M5	
NPE-B8-10		10				-	100	91	39	12,6	7	M5	
NPE-B8-12		12				-	118	109	39	12,6	7	M5	
NPE-B8-14		14				-	134	137	39	12,6	7	M5	
NPE-G6-4	6 × 9	4	max. 63 A	2.5-16	2.5-10	-	49	34	35	10,5	5	M4	
NPE-G6-6		6				-	49	47	35	10,5	5	M4	
NPE-G6-8		8				-	70	60	35	10,5	5	M4	
NPE-G8-6		6				-	66	57	39	12,6	7	M5	
NPE-G8-8		8				-	79	34	28	10,5	7	M5	
NPE-G8-10	8 × 12	10	max. 100 A	4-35	4-25	-	100	91	39	12,6	7	M5	
NPE-G8-12		12				-	118	109	39	12,6	7	M5	
NPE-G8-14		14				-	134	136	39	12,6	7	M5	

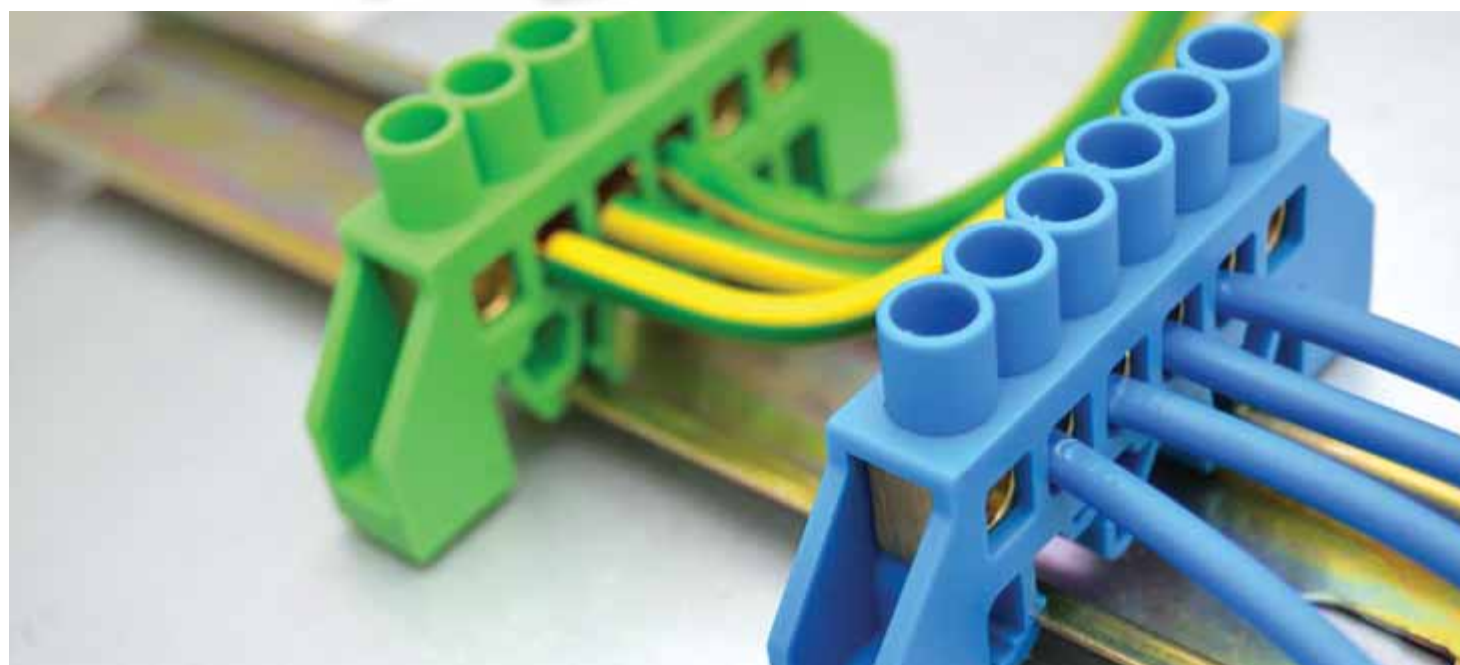
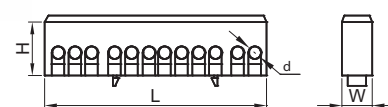
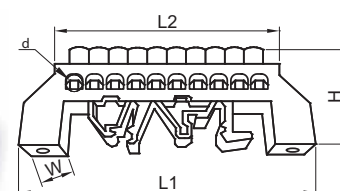


NPE-B...

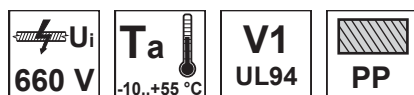
NPE-ZB, NPE-ZG



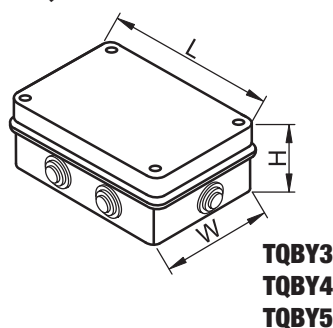
NPE-G...



Surface-mounted connection boxes

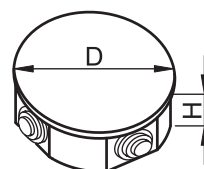


TRACON		D (mm)	L (mm)	W (mm)	H (mm)	IP..		C × D (mm)
TQBX	CLICK 	85	-	-	45	IP 44	TQBY2-GB	23 × 28
TQBY0		75	-	-	45	IP 44	TQBY2-GB	23 × 28
TQBY1		-	85	85	45	IP 44	TQBY2-GB	23 × 28
TQBY2		-	100	100	55	IP 55	TQBY3-GB	29 × 34
TQBY3		-	150	110	75	IP 55	TQBY4-GB	29 × 35
TQBY4		-	190	150	75	IP 55	TQBY5-GB	36 × 40
TQBY5		-	250	190	85	IP 55	TQBY5-GB	36 × 40



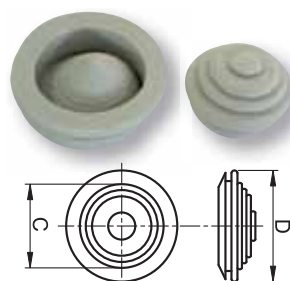
TÜV MEEI TEST DOCUMENTATION
V-16394

RELEVANT STANDARD
EN 60670

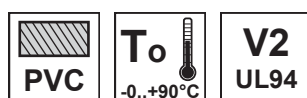


TQBX, TQBY0

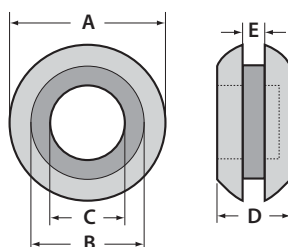
Rubber membranes



Cable sleeve (opened and closed)



TRACON		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
						
BV0603	BVZ0603	8,5	6	3	4,7	1,7
BV0705	BVZ0706	10,2	7,2	5	4,4	1,7
BV1006	BVZ1006	13,3	10	6,4	6,3	1,7
BV1108S	BVZ1108S	15,5	10,9	7,8	7,8	2,3
BV1108	BVZ1108	15,5	11	7,8	9	3
BV1410	BVZ1410	19,5	13,9	10,5	6,4	3,4
BV2015	BVZ2015	23,7	20,1	15,5	6,1	1,7
BV2518	BVZ2518	29,9	25,1	18,9	7,2	1,5
BV3225	BVZ3225	38,1	31,7	25	7,8	1,5



These cable sleeves are recommended to protect the insulations of cables while leading them through holes with sharp edges. The closed sleeves with thin membrane can be used as insulation around cables while entering them into connection boxes and can be the preparation for future installations.

Easy open plastic boxes



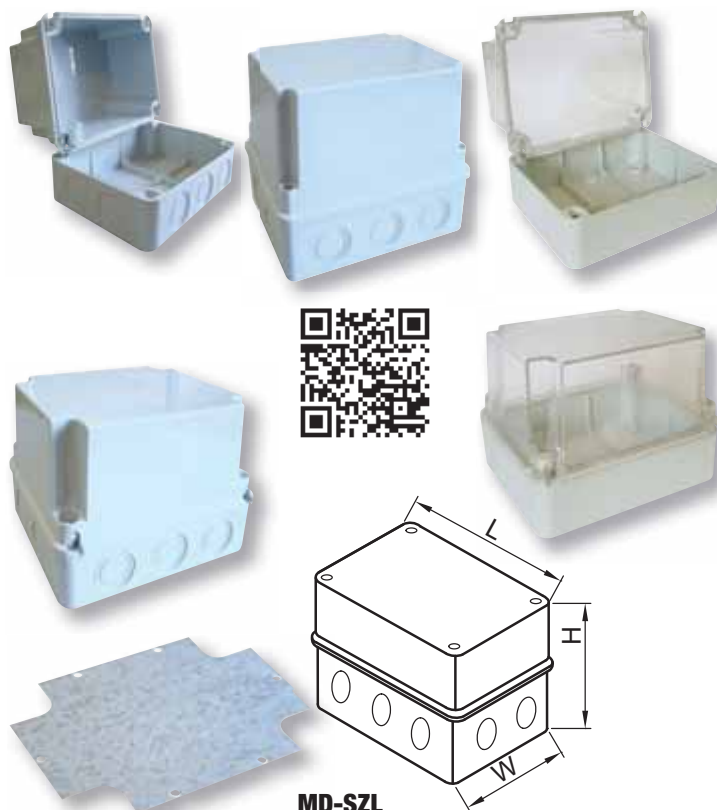
660 V



-10...+55 °C

V1
UL94IP
55

ABS



MD-SZL



Pictograms

N/O

TRACON	W (mm)	L (mm)	H (mm)	
MD81212	80	120	120	-
MD101012	100	100	120	-
MD151114	150	110	140	-
MD191514	190	145	140	MD-SZL1
MD252016	250	200	160	MD-SZL2
MD312318	310	230	180	MD-SZL3
MD151114T	150	110	140	-
MD191514T	190	145	140	MD-SZL1
MD252016T	250	200	160	MD-SZL2
MD312318T	310	230	180	MD-SZL3

Galvanized mounting plates to MD boxes

TRACON	
MD-SZL1	172 × 127 mm
MD-SZL2	228 × 179 mm
MD-SZL3	228 × 210 mm

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EN 60670

RELEVANT STANDARD
EN 60423

Electronics boxes



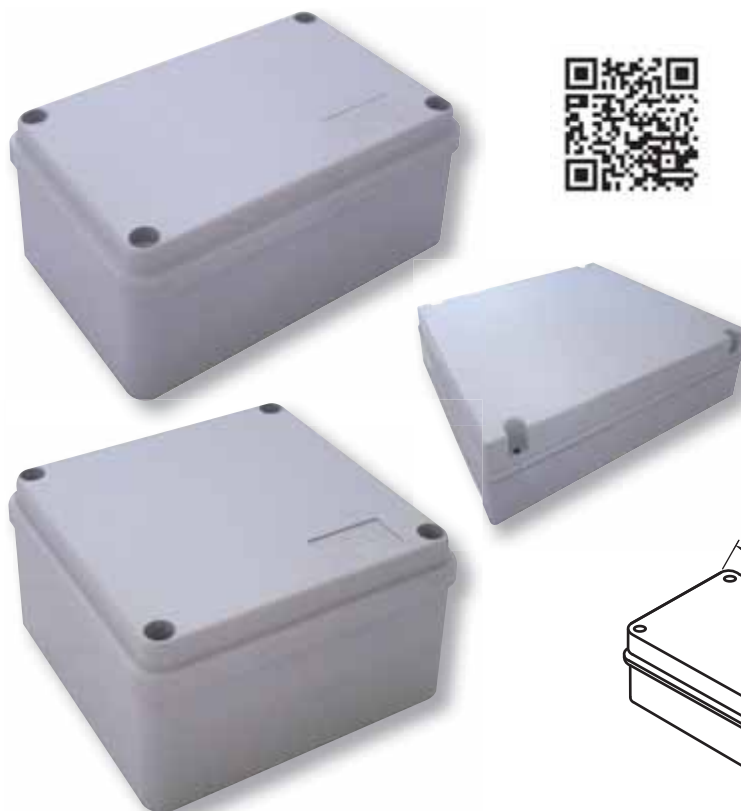
660 V



-10...+55 °C

V1
UL94

ABS



Pictograms

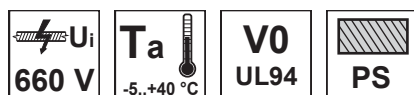
N/O

TRACON	W (mm)	L (mm)	H (mm)	IP..
MED10105	100	100	50	IP 56
MED12085	120	80	50	IP 56
MED15117	150	110	70	IP 56
MED15157	150	150	70	IP 56
MED19147	190	140	70	IP 56
MED24199	240	190	90	IP 56
MED241912	240	190	120	IP 56
MED302212	300	220	120	IP 56
MED302217	300	220	170	IP 56
MED383012	380	300	120	IP 56
MED383017	380	300	170	IP 56
MED463813	460	380	130	IP 56

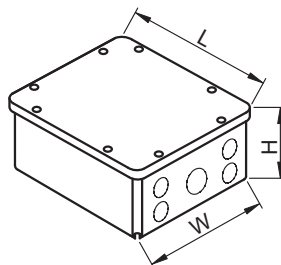
RELEVANT STANDARD
EN 60670

TÜV MEEI TEST DOCUMENTATION
V-13010

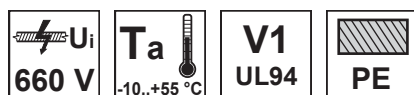
Plastic installation boxes



TRACON	L (mm)	W (mm)	H (mm)	IP..	
DN200X200	200	200	85	IP 44	× 2
DN250X250	250	250	110	IP 44	× 4

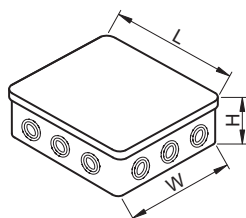


Elastic boxes placed outside the wall

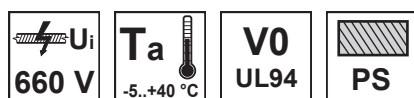


TRACON	L (mm)	W (mm)	H (mm)	IP..	
PD75X35	80	42	40	IP 54	× 8
PD75X75	75	75	40	IP 54	× 12
PD85X85	85	85	37	IP 54	× 12
PD100X100	100	100	40	IP 54	× 12

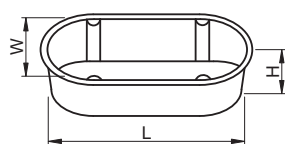
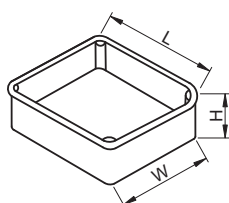
RELEVANT STANDARD
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Rigips boxes



TRACON		L (mm)	W (mm)	H (mm)
GD6021	plain installation box	65	65	45
GD60	deep installation box	65	65	60
GD8021	connection box with lid	80	80	45
GD100	connection box with lid	100	100	45
GD71D	double installation box	140	65	45



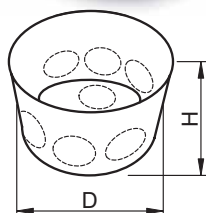
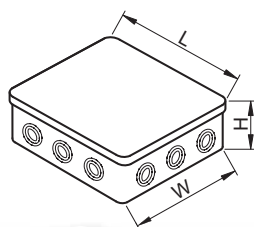
Sunk-in perforated connection boxes



Pictograms

N/O

TRACON		D (mm)	H (mm)
D70	plain	70	45
D70SET	with lid	70	45
D80	plain	80	45
D80X80	Square	76 (97)	51,5
D100X100	Square	100 (116)	51,5
D150X150	Square	150 (166)	65,3



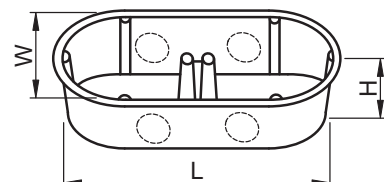
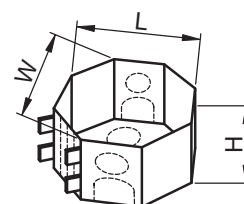
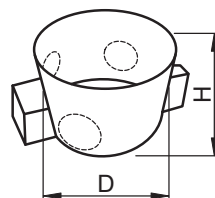
Sunk-in perforated installation boxes



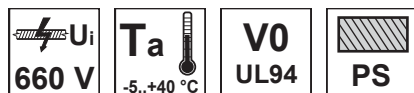
Pictograms

N/O

TRACON		D (mm)	L (mm)	W (mm)	H (mm)	
D60	plain	62	-	-	40	2
D60S	plain, serial	64	15	-	40	2
D60SM	deep, serial	64	-	-	61	4
D70SZ	plain	72	-	-	36	9
D70SZT	plain, with lid	72	-	-	36	9
D70D	double	70	140	70	44	8
D70TRI	triple	70	212	70	44	12
D70/8	octagonal, serial	-	72	72	46	2



Protection lids for plastering



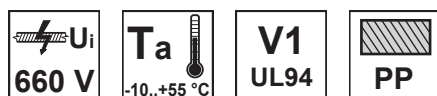
TRACON	Note	Ø (mm)
D60T	white, with spring	69
D70T	white, with spring	75
D80T	white, with spring	89
VAKFED60	red, with handle	65
VAKFED70	red, with handle	76



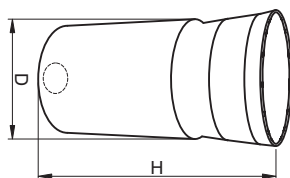
RELEVANT STANDARD
EN 60670



Universal installation box



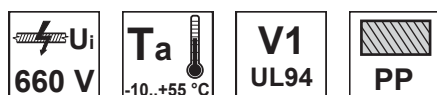
TRACON	H (mm)	D (mm)
UD70	110 - 130 - 160 mm	70



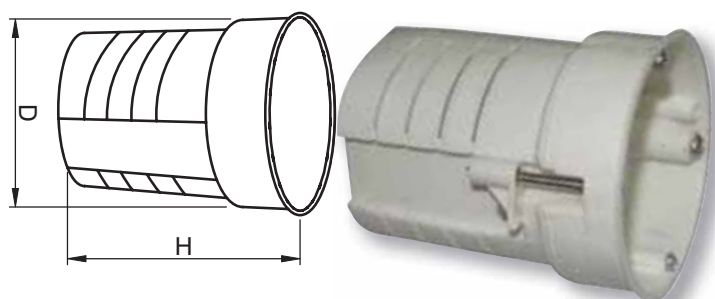
To be used on plastered and heat-insulated exterior walls.
Part [1] shall be sunk into the wall at least 40 mm, maximum 80 mm deep. Part [2] shall be inserted into part [1] with the brim adjusted at level with the external plane of the wall.



Box extension for subsequent wall isolation



TRACON	H (mm)	D (mm)
UDT60	40 - 85 mm	70

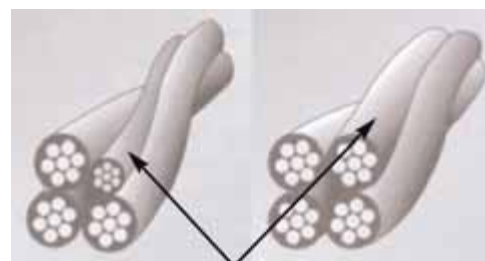


Fittings for insulated aerial cable bounds

These fittings are applicable for quick installation on low voltage insulated aerial cables bounds, in which the neutral core can be loaded by the bound's own weight (e.g. 1-AES, EA2Y, KEVMEX-1, EX type cables), without switching off the live line. Using insulated fittings and insulated tools, the installation can be performed safely on live network.

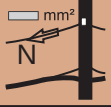
The terminations between aerial bounded cables and side lines for houses are easy to perform with insulated piercing connectors. With these fittings work done on the public lighting system is also easy and safe, if the power supply is secured with the attendant core of the electric distribution line.

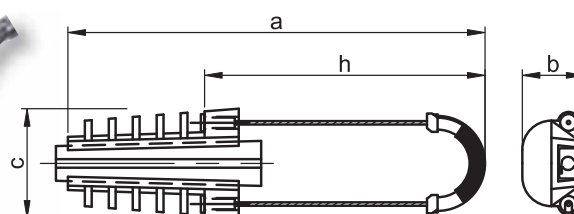
Conceptual schemes for aerial bounded cables with mechanically loaded neutral core: see drawings.



Neutral conductor of aerial cable bound

Strain clamps

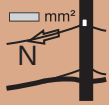
TRACON				a (mm)	b (mm)	c (mm)	h (mm)	
TSZK2-A	25-70 mm ²	2,5 kN	4 kN	250	35	63	162	4 kV
TSZK2-B	70-120 mm ²	2,5 kN	4 kN	420	55	100	275	4 kV



RELEVANT STANDARD
MSZ 275

With insulated strain clamps the insulated conductor's straining to the pole can be completed fast and easily, without using any other tool. The neutral wire has to be placed on the gap at the rubber end of the outfit, and the metal clamp has to be hanged onto the hook on the pole. During straining the rubber tightens on the wire; the wire's weight creates the straining force.

Wire suspensors

TRACON			a (mm)	b (mm)	c (mm)	
TSZK1-A	25-120 mm ²	12 kN	120	83	40	4 kV
TSZK1-B	25-120 mm ²	12 kN	152	100	40	4 kV



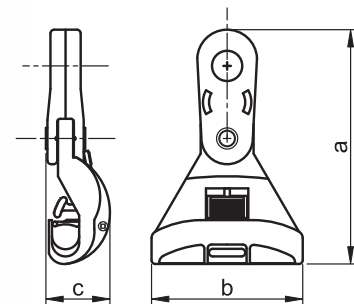
TSZK1-A

Fix, with screw



TSZK1-B

Jointed, with plate



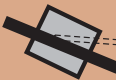
The wire suspensors are used to hang the insulated aerial bounded conductors on the pole. The insulated neutral wire has to be placed simply on the suspensor's channel and the suspensor hanged onto the hook on the pole. With TSZK1-A type the mechanically loaded neutral core can be fixed onto the suspensor with a screw. At TSZK1-B type an adjustable plate holds the wire on the channel; its joint top makes possible to move the wire on level.

Insulated piercing connectors (IPC)

With insulated piercing connectors very fast and reliable connections can be created on the live line insulated aerial bounded networks. The rated voltage impulse resistance is at least 4 kV between the connection screw and contactor blades, what means high safety level for servicemen.

The mountable cover hat further increases the safety level, protects against dirt, dust and accidental touch. Mechanical contact is achieved by cutting through the wire's insulation; the contact blades are cutting through the insulation properly, when the connecting screw has been pulled with correct tightening moment.

IPC with normal screw

TRACON				X 
TSZL4-1	16-95 mm ²	10-25 mm ²	4 kV	1 × M8
TSZL4-2	70-95 mm ²	70-95 mm ²	4 kV	1 × M8
TSZL4-3	120-185 mm ²	16-25 mm ²	4 kV	1 × M8
TSZL4-4	70-185 mm ²	70-185 mm ²	4 kV	2 × M8

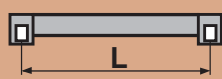


IPC with shear head-off screw

TRACON				X 
TSZL6-1	25-95 mm ²	2,5-25 mm ²	6 kV	1 × M8
TSZL6-2	70-95 mm ²	70-95 mm ²	6 kV	1 × M8
TSZL6-3	120-185 mm ²	10-25 mm ²	6 kV	1 × M8
TSZL6-4	120-185 mm ²	70-185 mm ²	6 kV	2 × M8



LTT type Aerial wire distance keeper

TRACON		
LTT	350 mm	max. 12 mm

By using the LTT type aerial wire distance keeper the required distance between the low-voltage, non-insulated cables of 230/400 V aerial wire networks can be ensured between two poles. The aim is to prevent short circuits, operational disorders caused by strong displacement of air and heavy storms. The plastic aerial wire distance keeper keeps distance between the two wires about 350 mm. The wires are fixed into right position by a spring-force element.



RELEVANT STANDARD
MSZ 275

TB Roof pole inlet

TRACON	
TB-1.5	1,5 "
TB-2	2 "
TB-2.5	2,5 "



The roof pole inlets enable to conduct the insulated wires of electric power supply of 230/400 V into buildings through steel tubes penetrating the roof. At the same time, the roof pole inlet prevents the entry of rainwater and snow into the steel pipes. The inlets are manufactured in three sizes, for steel tubes of 1,5", 2" and 2,5". The plastic inlet consists of two parts; the lower bottom part – without using any fixing tools – is inserted into the steel tube of proper size. The upper half can be fixed by bolts, after placing and installation of the wires.

