

Pictograms of the table head

U_n Rated voltage (V)

I_n Rated current (A)

IP.. Protection degree

t_{batt} Operation reserve:

P_{max} Max. load

 Without switch

 With switch

 Switch

 Protection - Computer

 Protection - Telephone

 Protection - TV

U_p  Protection - Overvoltage

 **I_{max} > I_n** Protection - Overcurrent

×17.5  Modules

×  Entries

CEE  Built-in cable

 **MCB** Circuit breakers

 **RCCB** Residual current circuit breakers

 Industrial Plugs

 Portable socket outlets

 EURO

 male protective contact

 side protective contacts

 Number of poles

 Dimensions (L × W × H)

Pictograms of the technical data

230/400 V AC Rated voltage (V)

I_{n max.} 16 A Rated current (A)

t_{batt} 100 h Operation reserve:

 **Ni-MH** Battery type

 **U_i 690 V** Rated insulation voltage

 **tip.3** Degree of protection:

U_p 1,5 kV Voltage protection level

P_m 2,5 VA Self consumption

IP 20 Protection degree

 Protection class: I.

 Protection class: II.

35×7.5 Can be install on mounting rail

 **H05VV-F** Cable type

3×1 mm² 1,5 m Wire diameter

 child safety protection

 **35-85 % rH** Relative humidity

 **LCD** Meter with LCD display

 **analog** Meter with analog display

 **×100.000** Electrical life

 **×1.000.000** Mechanical life

 **ABS** Material: ABS

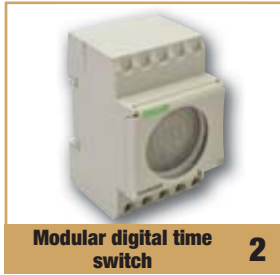
V0 UL94 Flammability according to UL94

T_a -25...+55°C Ambient temperature

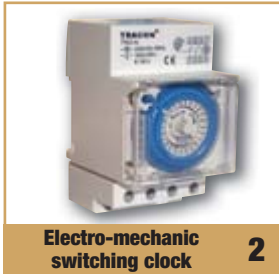
 For indoor use

IK 08 Impact resistance





Modular digital time switch 2



Electro-mechanic switching clock 2



Pluggable weekly electronic switching clock 4



Pluggable daily switching clock 5



Pluggable weekly switching clock 5



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Installable slanted socket outlet 20



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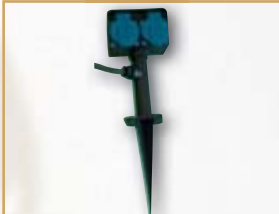
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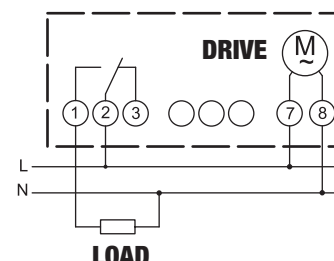


Modular digital time switch

230 V AC	P_m 4,5 VA	IP 20	35×7.5	T_a -10...+55 °C	% rH 35-85	U_i 500 V	V0 UL94	$\times 1.000.000$	$\times 100.000$	Ni-MH		LCD
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TRACON	t_{batt}	P_{max}	P_{max} $\cos \varphi = 1$
EVOKOND	150 h	1.000 W	3.600 W



RELEVANT STANDARD
EN 60730

- Timing range: 24 hours
- Timing steps: 15 minutes
- For daily repetitive switching
- ON-OFF switching possibility, independently from timing
- Manual and automatic operation mode
- Timer unit with crystal actuation, with stepping motor
- Potential free changeover contact
- Shock- and UV-resistant housing

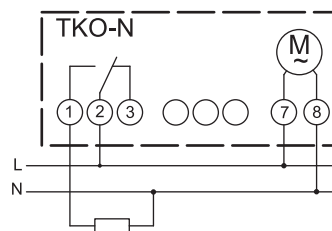


Electro-mechanic switching clock

230 V AC	P_m 2,5 VA	IP 20	35×7.5	T_a -25...+55 °C	U_i 500 V	V0 UL94	010114 analog
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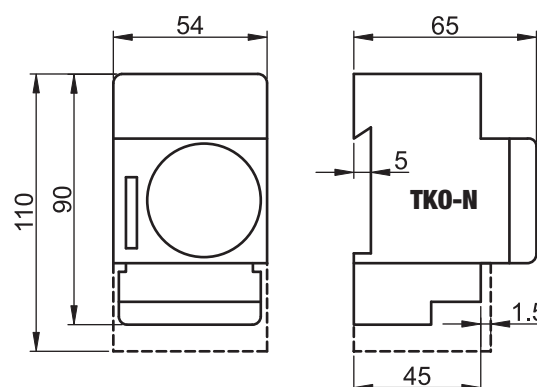


TRACON	t_{batt}	P_{max}	P_{max} $\cos \varphi = 1$
TKO-N	150 h	1.000 W	3.600 W



RELEVANT STANDARD
EN 60730

- Timing range: 24 hours
- Timing steps: 30 minutes
- For daily repetitive switching
- ON-OFF switching possibility, independently from timing
- Manual and automatic operation mode
- Timer unit with crystal actuation, with stepping motor
- Potential free changeover contact
- Shock- and UV-resistant housing



NYG3 PUSHBUTTONS

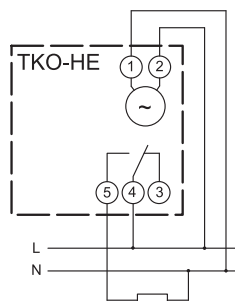
**K/26**

Multifunction, weekly electronic switching clock

230 V AC	P _m 4,5 VA	IP 20	35×7.5	T _a -10...+55 °C	35-85 % rH	U _i 500 V	V0 UL94	×1.000.000	×100.000	Ni-MH	LCD
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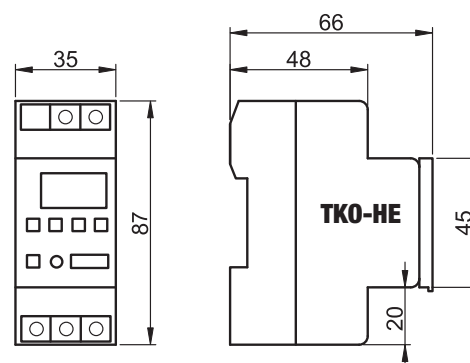


TRACON	t _{batt}	P _{max} cos φ = 1	P _{max} cos φ = 1
TKO-HE	500 h	1.000 W	3.600 W



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- Timing range: 1 week
- Timing steps: 1 minute
- Storable programmes: 8 pcs
- Pre-programmed combinations: 10 pcs
- 12 or 24 hours mode
- ON-OFF switching possibility, independently from timing
- Potential free changeover contact

Pluggable weekly electronic switching clock

230 V AC	P _m 2,5 VA	T _a -10...+40 °C	U _i 500 V	V0 UL94	Ni-MH	LCD	t _{batt} 100 h
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TRACON		P _{max} cos φ = 1	P _{max} cos φ = 1	IP..	H L W
TKO-DHE		1.000 W	3.600 W	IP 20	130 × 60 × 43
TKO-DHEV		1.000 W	3.600 W	IP 44	140 × 65 × 43
TKO-DHEF		1.000 W	3.600 W	IP 20	125 × 60 × 45
TKO-DHEVF		1.000 W	3.600 W	IP 44	140 × 65 × 43



- Timing range: 1 week
- Timing steps: 1 minute
- Storable programmes: 20 pcs
- Random timing program
- Winter/summer time is adjustable, 12 or 24 hours mode
- ON-OFF switching possibility, independently from timing
- Child protection on the plug



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Pluggable daily switching clock

230 V AC	P_m 2,5 VA	T_a -10...+40 °C	 U_i 500 V	V0 UL94		 analog
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 Pictograms	G/0
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TRACON		P_{max} 	P_{max} cos φ = 1	IP..	
TKO-DN		1.000 W	3.600 W	IP 20	120 × 73 × 37
TKO-DNV		1.000 W	3.600 W	IP 44	155 × 73 × 43
TKO-DNF		1.000 W	3.600 W	IP 20	115 × 73 × 37
TKO-DNVF		1.000 W	3.600 W	IP 44	155 × 73 × 43

- Timing range: 24 hours
- Timing steps: 15 minutes
- For daily interval repeating switches
- ON-OFF switching possibility, independently from timing
- Child protection on the plug
- Electromechanical construction

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Pluggable weekly switching clock

230 V AC	P_m 2,5 VA	T_a -10...+40 °C	 U_i 500 V	V0 UL94		 analog
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 Pictograms	G/0
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TRACON		P_{max} 	P_{max} cos φ = 1	IP..	
TKO-DH		1.000 W	3.600 W	IP 20	115 × 73 × 37
TKO-DHF		1.000 W	3.600 W	IP 20	120 × 73 × 37

- Timing range: 1 week
- Timing steps: 105 minutes
- For daily interval repeating switches
- ON-OFF switching possibility, independently from timing
- Child protection on the plug
- Electromechanical construction

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Cable reel extension sets



TRACON			P_{max} 	P_{max} 	 SCHUKO	IP..
KD-4/15-B	15 m	3×1,5mm ² (H05VV-F)	3.000 W	1.200 W	× 4	IP 20
KD-4/20-B	20 m	3×1,5mm ² (H05VV-F)	3.000 W	1.200 W	× 4	IP 20
KD-4/25-B	25 m	3×1,5mm ² (H05VV-F)	3.000 W	1.200 W	× 4	IP 20
KD-4/30-B	30 m	3×1,5mm ² (H05VV-F)	3.000 W	1.200 W	× 4	IP 20
KD-4/40-B	40 m	3×1,5mm ² (H05VV-F)	3.000 W	1.200 W	× 4	IP 20
KD-4/50-B	50 m	3×1,5mm ² (H05VV-F)	3.000 W	1.200 W	× 4	IP 20
KD-6/20-A	20 m	3×1,5mm ² (H07RN-F)	3.000 W	1.200 W	× 4	IP 44
KD-6/25-R	25 m	3×2,5mm ² (H07RN-F)	3.000 W	1.200 W	× 4	IP 44
KD-6/40-A	40 m	3×1,5mm ² (H07RN-F)	3.000 W	1.200 W	× 4	IP 44
KD-9/25-B	25 m	3×1,5mm ² (H07RN-F)	3.000 W	1.200 W	× 4	IP 44
KD-D0B	max. 50 m*	3×1,5mm ² (H05VV-F)*	—	—	—	IP 20

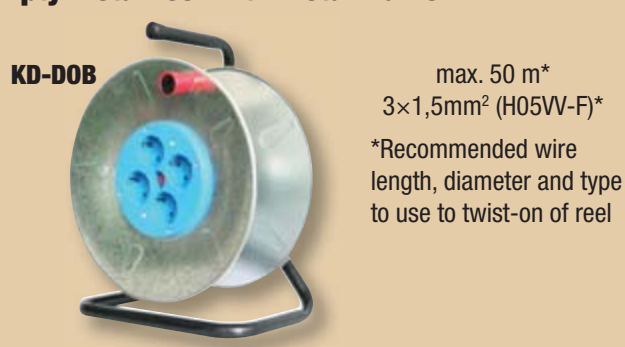
Plastic reel with metal frame



Metal reel with metal frame



Empty metal reel with metal frame



Mini plastic reel with metal frame



RELEVANT STANDARD
EN 61242

RELEVANT STANDARD
IEC 60884-1



H07RN-F: rubber cable with twisted core
H05VV-F: PVC cable with twisted core

UH universal extension cords



TRACON			P_{max}	
UH10	10 m	H05VV-F	3.680 W	× 1
UH15	15 m	H05VV-F	3.680 W	× 1
UH20	20 m	H05VV-F	3.680 W	× 1
UH20RN	20 m	H07RN-F	3.680 W	× 1
UH25	25 m	H05VV-F	3.680 W	× 1
UH30	30 m	H05VV-F	3.680 W	× 1

RELEVANT STANDARD
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28220839 001



Connection wire with plug



TRACON	I_n				P_{max}
■ DVK3X0.75	10 A	2 m	H03VV-F	3 × 0,75 mm ²	2.300 W
■ DVK3X1.0	16 A	2 m	H05VV-F	3 × 1,0 mm ²	3.680 W
■ DVK3X2,5-1,5	16 A	1,5 m	H05VV-F	3 × 2,5 mm ²	3.680 W
■ DVK3X2,5-3	16 A	3 m	H05VV-F	3 × 2,5 mm ²	3.680 W
■ DVKE2X0.75	2,5 A	2 m	H05VH 2-F	2 × 0,75 mm ²	600 W
■ DVKE2X1.0	2,5 A	2 m	H05VH 2-F	2 × 1,0 mm ²	600 W

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SEMKO TEST CERTIFICATE
1217500

VDE TEST CERTIFICATE
40001514



Multi plug portable extension cord with rubber cable



TRACON			P_{max}		IP..
KE3	1,5 m	H07RN-F 3G1.5	max. 3680 W	3	IP 44
KE4-3M	3 m	H07RN-F 3G1.5	max. 3680 W	4	IP 44
KE4-5M	5 m	H07RN-F 3G1.5	max. 3680 W	4	IP 44



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Multi plug portable extension cords with side protective contacts

250
V AC

I_n
max.
16 A

$3 \times 1 \text{ mm}^2$
1,5 m

$3 \times 1,5 \text{ mm}^2$
3-5 m

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TRACON				P_{max}		SCHUKO		EURO
	H3	H3-3M	H3-5M	max. 3.680 W	×	3	–	–
	H4	H4-3M	H4-5M	max. 3.680 W	×	4	–	–
	H5	H5-3M	H5-5M	max. 3.680 W	×	5	–	–
	H6	H6-3M	H6-5M	max. 3.680 W	×	6	–	–
	HK3	HK3-3M	HK3-5M	max. 3.680 W	×	3	–	–
	HK4	HK4-3M	HK4-5M	max. 3.680 W	×	4	–	–
	HK5	HK5-3M	HK5-5M	max. 3.680 W	×	5	–	–
	HK6	HK6-3M	HK6-5M	max. 3.680 W	×	6	–	–



TÜV MEEI TEST DOCUMENTATION
28208661 002

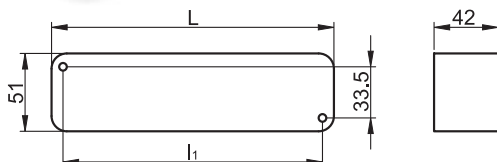
Multi plug, re-mountable, fixable extension cords with side protective contact

250
V AC

I_n
max.
16 A



TRACON		 SCHUKO	L (mm)	l ₁ (mm)
	HUR-03	× 3	185	170
	HUR-04	× 4	230	215
	HUR-05	× 5	270	255
	HUR-06	× 6	315	300
	HUR-03K	× 3	185	170
	HUR-04K	× 4	230	215
	HUR-05K	× 5	270	255
	HUR-06K	× 6	315	300



RELEVANT STANDARD
IEC 60884-1

TÜV MEEI TEST DOCUMENTATION
28216871 001



Protected multi-plug extension cords



TRACON	U_p T3	$I_{max} > I_n$	TV		PC	SCHUKO	FRENCH		P_{max}
HKTM6-3M-ALU	✓	✓	-	-	-	× 6	-	× 1	max. 3.680 W
HKTM8-3M-ALU	✓	✓	-	-	-	× 8	-	× 1	max. 3.680 W
HKTM6-3M-KT-ALU	✓	✓	✓	✓	-	× 6	-	× 1	max. 3.680 W
HKTM8-3M-KT-ALU	✓	✓	✓	✓	-	× 8	-	× 1	max. 3.680 W
HKTM6-3M-KTS-ALU	✓	✓	✓	✓	✓	× 6	-	× 1	max. 3.680 W
HKTM8-3M-KTS-ALU	✓	✓	✓	✓	✓	× 8	-	× 1	max. 3.680 W
HKT5-3M	✓	-	-	-	-	× 5	-	× 1	max. 3.680 W
HKTM5-3M	✓	✓	-	-	-	× 5	-	× 1	max. 3.680 W
HNKTM8-3M-KT	✓	✓	✓	✓	-	× 8	-	× 1	max. 3.680 W
HNKTM10-3M-KT	✓	✓	✓	✓	-	× 10	-	× 1	max. 3.680 W
HKTMF6-3M-ALU	✓	✓	-	-	-	-	× 6	× 1	max. 3.680 W
HKTMF8-3M-ALU	✓	✓	-	-	-	-	× 8	× 1	max. 3.680 W
HKTMF6-3M-KT-ALU	✓	✓	✓	✓	-	-	× 6	× 1	max. 3.680 W
HKTMF8-3M-KT-ALU	✓	✓	✓	✓	-	-	× 8	× 1	max. 3.680 W
HKTMF6-3M-KTS-ALU	✓	✓	✓	✓	✓	-	× 6	× 1	max. 3.680 W
HKTMF8-3M-KTS-ALU	✓	✓	✓	✓	✓	-	× 8	× 1	max. 3.680 W
HKTF5-3M	✓	-	-	-	-	-	× 5	× 1	max. 3.680 W
HKTMF5-3M	✓	✓	-	-	-	-	× 5	× 1	max. 3.680 W
HNKTMF8-3M-KT	✓	✓	✓	✓	-	-	× 8	× 1	max. 3.680 W

The devices are equipped with secondary lightning protection which ensures the necessary protection of the connected sensitive electronic equipment against over-voltage in the network. These devices are recommended for connection of TV sets, video recorders, HIFI equipment, computers, etc. The holes in the rear wall of the box can be used for fixation to walls, boards, etc.

The operational condition of the over-voltage protection unit is shown by the built in signal light. If the light not on, the over-voltage protection unit is burnt out. Of course, the device is still functional, but without over-voltage protection.

The overload protection unit enables loads over the rated current (16 A) up to 22 A for a maximum time of one hour, before switching off the supply. After cooling down, the overload protection unit can be re-activated by pressing the reset button.

Only three-stage (1-2-3) coordinated systems are suitable to afford complete over-voltage protection!



Rotatable multi plug portable extension cords


TRACON		P_{max} 				U_{pT3}
			SCHUKO	FRENCH		
HRRK3/3	3 m	max. 3.680 W	2 × 3	—	× 2	—
HRRK2/2	3 m	max. 3.680 W	2 × 2	—	× 2	—
HRRK6	3 m	max. 3.680 W	6	—	× 1	—
HRRKT6	3 m	max. 3.680 W	6	—	× 1	✓
HRRKF3/3	3 m	max. 3.680 W	—	2 × 3	× 2	—
HRRKTF3/3	3 m	max. 3.680 W	—	2 × 3	× 2	✓


HRRK2/2

HRRKTF3/3

HRRKT6


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2819438 001

Multi-way extension cord with switch and 2×USB port, white


TRACON		P_{max} 		
			SCHUKO	USB


HK3-USB

1,4 m

max. 3.680 W

× 3

2.1 A



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- Be updated

Our range of products is continuously and quickly expanding. Our catalogue shows our products as of October 2017. Check our website to stay up-to-date.

Assemble plugs and sockets

250
V ACIn
max.
16 A

Pictograms

G/O

TRACON		In	 SCHUKO	 FRENCH	 EURO
TCS D		max. 16 A	✓	–	–
TCS DF		max. 16 A	–	✓	–
TCS DL		max. 10 A	–	–	✓
TCS A		max. 16 A	✓	–	–
TCS AF		max. 16 A	–	✓	–
TCS AL		max. 10 A	–	–	✓
TCS DO		max. 16 A	✓	–	–
TCS DH		max. 16 A	✓	✓	–
TCS DLH		max. 10 A	–	–	✓
TCS AH		max. 16 A	✓	–	–
TCS AH-F		max. 16 A	–	✓	–
TCS ALH		max. 10 A	–	–	✓



TCS A



TCS D



TCS DO



TCS AL



TCS DL



TCS ALH

TCS AH
TCS AH-F

TCS DH



TCS DLH



EASY PULL

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IEC 60884-1TÜV MEEI TEST DOCUMENTATION
28209308 001RELEVANT STANDARD
CEE 7TÜV MEEI TEST DOCUMENTATION
28209309 001

Hidden plugs



250
V AC

In
max.
16 A

Pictograms

G/O

TRACON				
		SCHUKO	FRENCH	
TCSR			✓	✓
TCSRDB			✓	✓

Multi-plug transforming extension adaptors



250
V AC

Pictograms

G/O

TRACON		I_n	 EURO	P_{max}
TN2		max. 5 A	× 2	max. 1.150 W
TN3		max. 7,5 A	× 3	max. 1.725 W
TN4		max. 10 A	× 4	max. 2.300 W

TÜV MEEI TEST DOCUMENTATION
28208660 001

RELEVANT STANDARD
IEC 60884-1

RELEVANT STANDARD
IEC 60884-2-5

Multi-way adaptor with switch



250
V AC

In
max.
16 A

Pictograms

G/O

TRACON		P _{max}
SCHUKO		
KACS1	× 1	max. 3.680 W
KACS2	× 2	max. 3.680 W

RELEVANT STANDARD
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RELEVANT STANDARD
IEC 60884-2-5

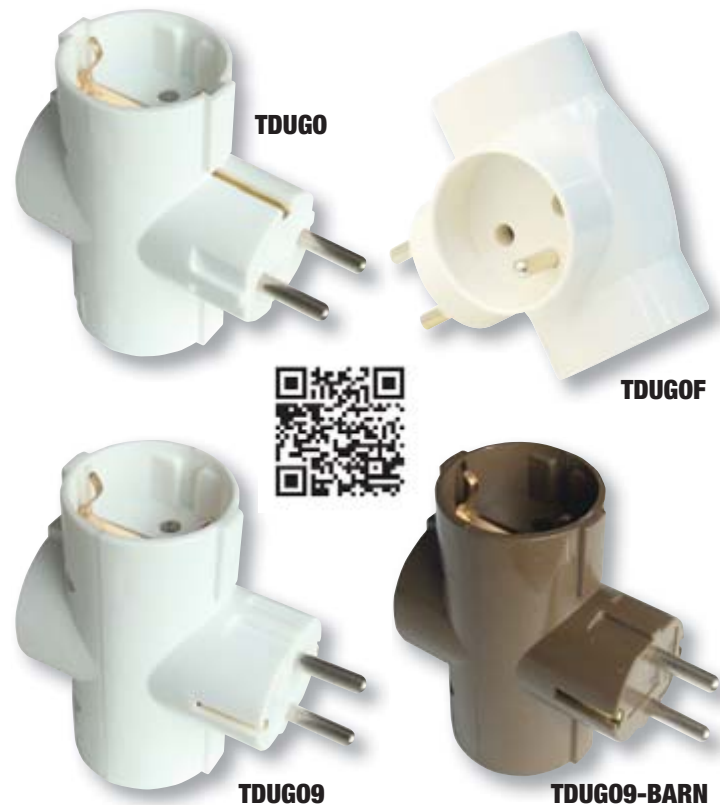
Multi-plug transforming extension adaptors with protective contacts

250
V ACIn
max.
16 A

Pictograms

G/O

TRACON	 SCHUKO	 FRENCH	P _{max}
TDUGO	× 3	—	max. 3.680 W
TDUGO-BARN	× 3	—	max. 3.680 W
TDUGOF	—	× 3	max. 3.680 W
TDUG09	× 3	—	max. 3.680 W
TDUG09-BARN	× 3	—	max. 3.680 W



RELEVANT STANDARD
IEC 60884-1

RELEVANT STANDARD
IEC 60884-2-5

RELEVANT STANDARD
MSZ 9871

TÜV MEEI TEST DOCUMENTATION
28208660 001

Multi-plug combined transforming extension adaptors

250
V ACIn
max.
16 A

TRACON	 SCHUKO	 FRENCH	 EURO	P _{max}
TN2/1	× 1	—	× 2	max. 3.680 W
TNF2/1	—	× 1	× 2	max. 3.680 W
TNF2	—	× 2	—	max. 3.680 W

TN2/1



RELEVANT STANDARD
IEC 60884-1

RELEVANT STANDARD
IEC 60884-2-5

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28212737 001

RELEVANT STANDARD
MSZ 9871



TNF2



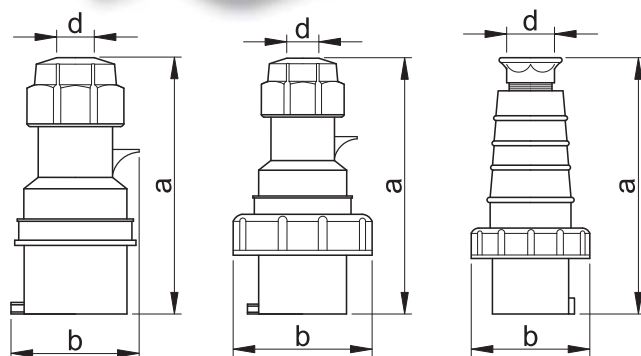
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- Check our new products
- Be updated

Our range of products is continuously and quickly expanding. Our catalogue shows our products as of October 2017. Check our website to stay up-to-date.

Industrial Plugs

TRACON	I _n	U _n		a (mm)	b (mm)	d (mm)	IP..
TICS-013H	16 A	250 V	2P + 	128	59	9-15	IP 44
TICS-014H		400 V	3P + 	133	66	9-15	
TICS-015H		400 V	3P + N + 	140	76	9-15	
TICS-023H	32 A	250 V	2P + 	162	81	10-20	
TICS-024H		400 V	3P + 	162	81	10-20	
TICS-025H		400 V	3P + N + 	162	90	10-20	
TICS-0132H	16 A	250 V	2P + 	128	71.5	9-15	IP 67
TICS-0142H		400 V	3P + 	132.5	79.5	9-15	
TICS-0152H		400 V	3P + N + 	139.5	87.5	9-15	
TICS-0232H	32 A	250 V	2P + 	167	93.5	10-20	
TICS-0242H		400 V	3P + 	157	101	10-20	
TICS-0252H		400 V	3P + N + 	162	101	10-20	
TICS-033	63 A	250 V	2P + 	235	105	16-38	IP 67
TICS-034		400 V	3P + 	235	105	16-38	
TICS-035		400 V	3P + N + 	235	105	16-38	
TICS-043	125 A	250 V	2P + 	290	123	24-48	
TICS-044		400 V	3P + 	290	123	24-48	
TICS-045		400 V	3P + N + 	290	123	24-48	



Can be dismantled with a screwdriver
in one step



Strengthened
sealing rubber
and locknut



Accurate
processing and
fast installation



Industrial plug with phase inverter and outer cable gland

TRACON	I _n	U _n		a (mm)	b (mm)	d (mm)	IP..
TICS-015PF	16 A	400 V	3P + N + 	137	70	7-17	IP 44
TICS-025PF	32 A	400 V	3P + N + 	160	83	9-19	
TICS-0152PF	16 A	400 V	3P + N + 	138	88	7-17	IP 67
TICS-0252PF	32 A	400 V	3P + N + 	163	101	9-19	

These industrial plugs give the possibility to easily invert the connecting terminal of the two phases in a single movement with a screwdriver. This allows to reverse the rotation of the plugged electric motor.

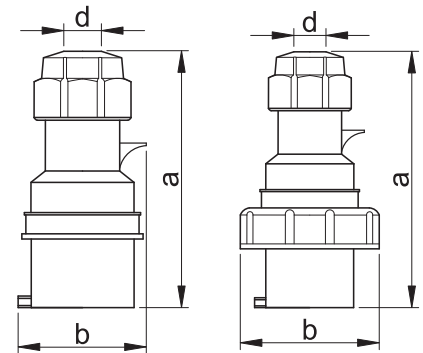


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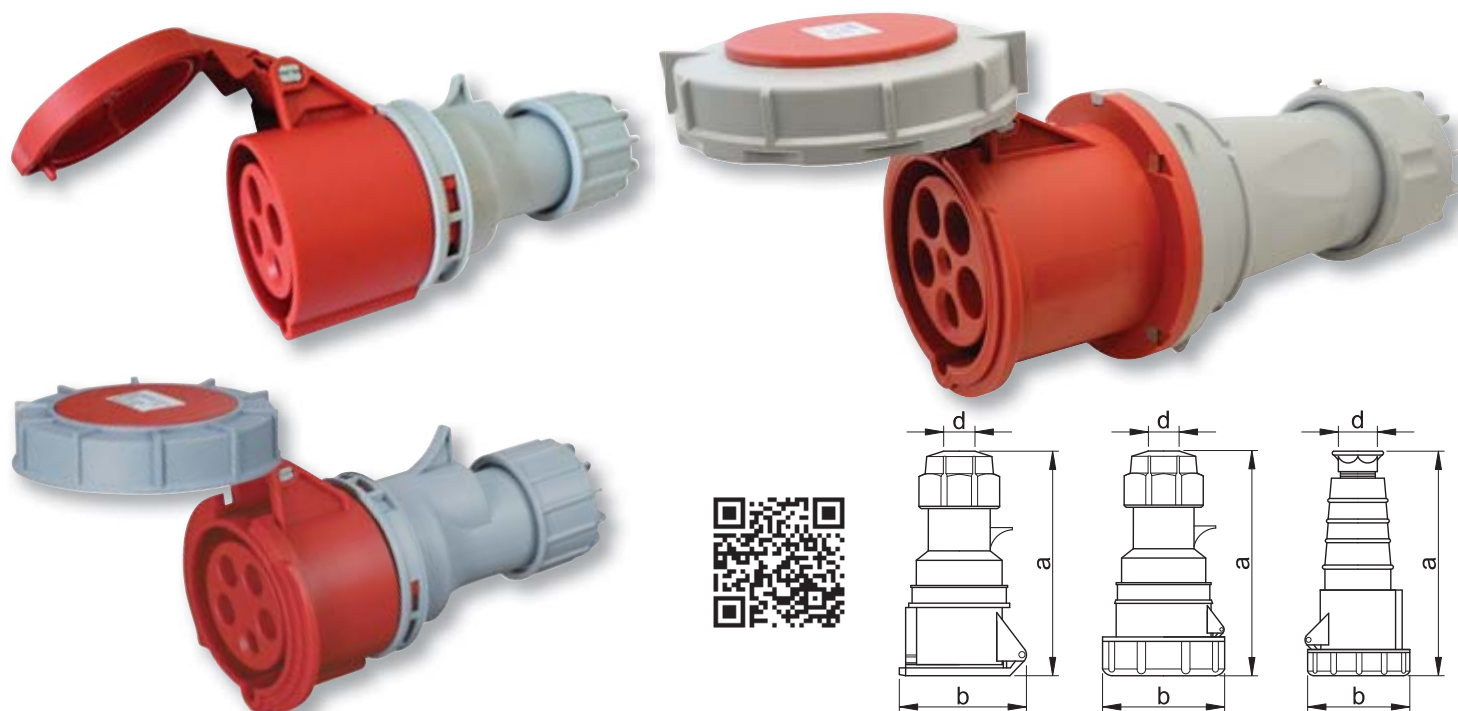
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LVD03-199

The contacts of the two phases are interchangeable easily with a help of a screwdriver changing the rotation direction of electric motor.



Portable socket outlets

TRACON	I _n	U _n		a (mm)	b (mm)	d (mm)	IP..
TICS-213H	16 A	250 V	2P + 	136	72	9-15	IP 44
TICS-214H		400 V	3P + 	143	77	9-15	
TICS-215H		400 V	3P + N + 	150	83	9-15	
TICS-223H	32 A	250 V	2P + 	171	89	10-20	
TICS-224H		400 V	3P + 	171	89	10-20	
TICS-225H		400 V	3P + N + 	176	100	10-20	
TICS-2132H	16 A	250 V	2P + 	139	72	9-15	IP 67
TICS-2142H		400 V	3P + 	145	77	9-15	
TICS-2152H		400 V	3P + N + 	152	84	9-15	
TICS-2232H	32 A	250 V	2P + 	173	88	10-20	
TICS-2242H		400 V	3P + 	173	88	10-20	
TICS-2252H		400 V	3P + N + 	179	99	10-20	
TICS-233	63 A	250 V	2P + 	245	110	16-38	IP 67
TICS-234		400 V	3P + 	245	110	16-38	
TICS-235		400 V	3P + N + 	245	110	16-38	
TICS-243	125 A	250 V	2P + 	320	120	24-48	
TICS-244		400 V	3P + 	320	120	24-48	
TICS-245		400 V	3P + N + 	320	320	24-48	



Can be dismantled with a screwdriver
in one step



Strengthened
sealing rubber
and locknut



Accurate
processing and
fast installation



Structure

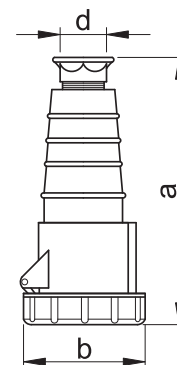
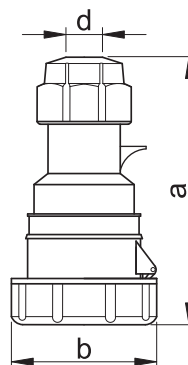
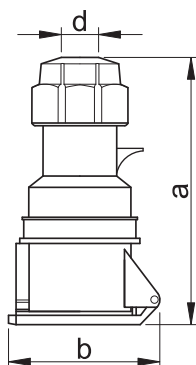
The construction of the devices ensures the correct connection and the versions for different voltages can not be mixed up. The protection contacts are placed on normal way (6h). The connector with IP67 protection degree has high resistance against dust and water. After closing the end cap, the cap and its sealing guarantees the IP 67 protection degree.

2P+ $\perp$ 3P+ $\perp$ 3P+N+ $\perp$

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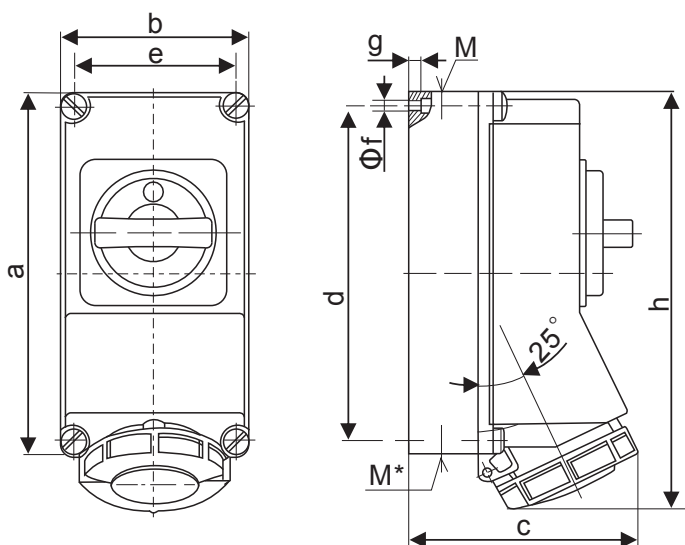
GTHIEA CERTIFICATE NO.
LVD03-199



Surface mount industrial socket with locked switch

TRACON	I_n	U_n		a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	g (mm)	h (mm)	IP..
TICS-1132R	16 A	250 V	2P + $\perp$	225	118	144	208	101	6.3	8	252	IP 67
TICS-1152R		400 V	3P + N + $\perp$	225	118	147	208	101	6.3	8	259	
TICS-1252R	32 A	400 V	3P + N + $\perp$	225	118	153	208	101	6.3	8	274	

The industrial plugs can only be connected to this socket when in voltage-free (OFF) position. The switch can be switched only after the connection has been established and the plug can be released when the switch is back in OFF position.



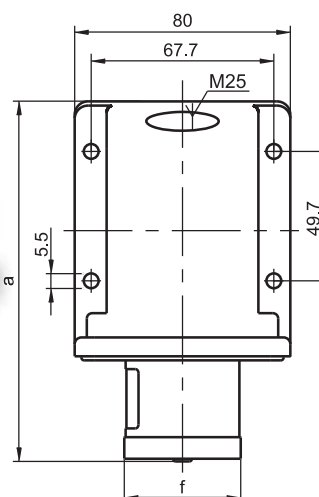
SCAN THE QR CODE!

- Check our new products
- Be updated

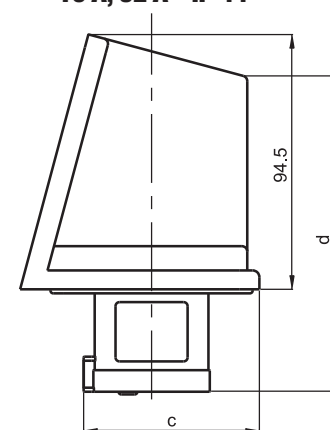
Our range of products is continuously and quickly expanding. Our catalogue shows our products as of October 2017. Check our website to stay up-to-date.

Surface type plugs

TRACON	I _n	U _n		a (mm)	b (mm)	c (mm)	d (mm)	f (mm)	IP..
TICS-513	16 A	250 V	2P +	134	–	65	117	43	IP 44
TICS-514		400 V	3P +	134	–	69	117	49	
TICS-515		400 V	3P + N +	134	–	73	117	56	
TICS-523	32 A	250 V	2P +	142	–	74	126	57	IP 44
TICS-524		400 V	3P +	142	–	74	126	57	
TICS-525		400 V	3P + N +	142	–	78	126	63	
TICS-533	63 A	250 V	2P +	200	130	–	1×M36x1,5	–	IP 67
TICS-534		400 V	3P +	200	130	–	1×M36x1,5	–	
TICS-535		400 V	3P + N +	200	130	–	1×M36x1,5	–	
TICS-543	125 A	250 V	2P +	300	150	–	1×M48x1,5	–	IP 67
TICS-544		400 V	3P +	300	150	–	1×M48x1,5	–	
TICS-545		400 V	3P + N +	300	150	–	1×M48x1,5	–	



16 A, 32 A - IP 44

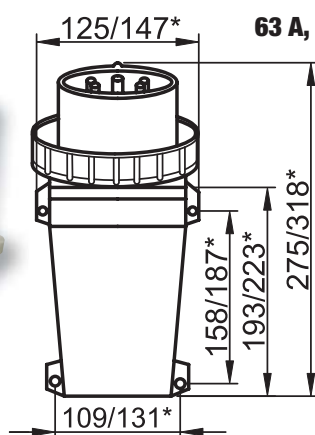


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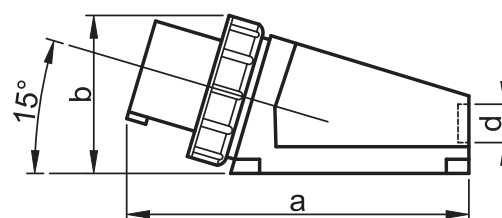
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GTHIA CERTIFICATE NO.
LVD03-199

GTHIA CERTIFICATE NO.
LVD03-200

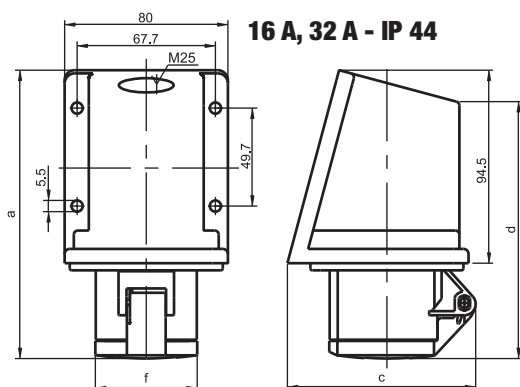


63 A, (125 A*) - IP 67



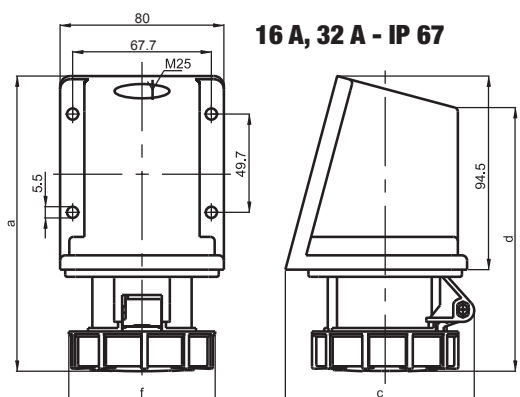
Surface type socket outlets

TRACON	I _n	U _n		a (mm)	c (mm)	d (mm)	f (mm)	IP..
TICS-113	16 A	250 V	2P + 	141	92	126	50	IP 44
TICS-114		400 V	3P + 	141	94	126	56	
TICS-115		400 V	3P + N + 	141	95	126	63	
TICS-123	32 A	250 V	2P + 	152	99	137	65	
TICS-124		400 V	3P + 	152	99	137	65	
TICS-125		400 V	3P + N + 	157	107	142	72	
TICS-1132	16 A	250 V	2P + 	144	92	129	72	IP 67
TICS-1142		400 V	3P + 	144	94	129	79	
TICS-1152		400 V	3P + N + 	144	95	129	98	
TICS-1232	32 A	250 V	2P + 	154	99	138	93	
TICS-1242		400 V	3P + 	154	99	138	93	
TICS-1252		400 V	3P + N + 	160	107	144	101	
TICS-133	63 A	250 V	2P + 	200	130	1×M36×1,5	-	IP 67
TICS-134		400 V	3P + 	200	130	1×M36×1,5	-	
TICS-135		400 V	3P + N + 	200	130	1×M36×1,5	-	
TICS-143	125 A	250 V	2P + 	300	150	1×M48×1,5	-	
TICS-144		400 V	3P + 	300	150	1×M48×1,5	-	
TICS-145		400 V	3P + N + 	300	150	1×M48×1,5	-	



16 A, 32 A - IP 44

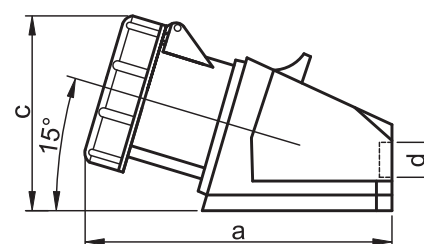
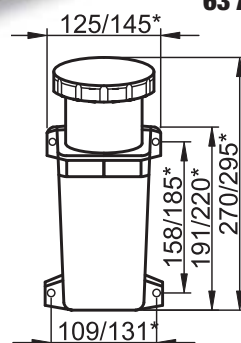
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16 A, 32 A - IP 67

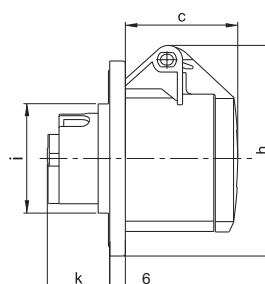
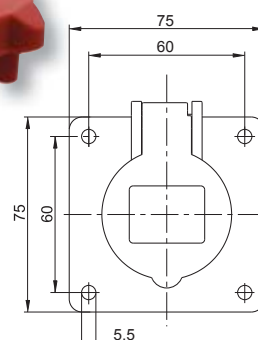


63 A, (125 A*) - IP 67



Installable straight socket outlet

TRACON	I _n	U _n		c (mm)	h (mm)	k (mm)	i (mm)	IP..
TICS-413	16 A	250 V	2P + 	43	81	23	42	IP 44
TICS-414		400 V	3P + 	43	83	23	48	
TICS-415		400 V	3P + N + 	51	84	23	55	
TICS-423	32 A	250 V	2P + 	62	89	25	56	
TICS-424		400 V	3P + 	62	89	25	56	
TICS-425		400 V	3P + N + 	67	100	25	62	

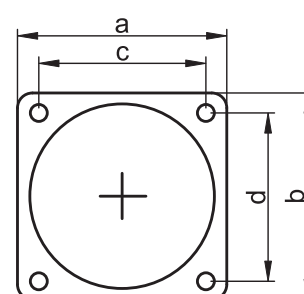
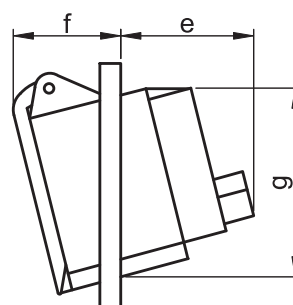


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Installable slanted socket outlet

TRACON	I _n	U _n		a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	g (mm)	IP..
TICS-313	16 A	250 V	2P + 	62	68	48	48	36	40	60	IP 44
TICS-314		400 V	3P + 	76	86	60	60	36	42	65	
TICS-315		400 V	3P + N + 	76	86	60	60	36	44	73	
TICS-323	32 A	250 V	2P + 	80	96	60	74	42	48	78	
TICS-324		400 V	3P + 	80	96	60	74	42	49	75	
TICS-325		400 V	3P + N + 	80	96	60	74	42	50	84	

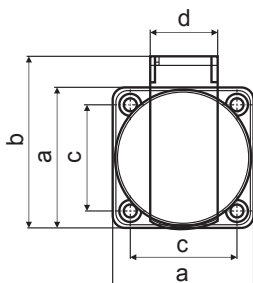
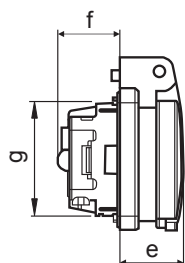


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Installable socket outlet with side or male protective contact

TRACON	I_n	U_n		 SCHUKO	 FRENCH	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	g (mm)	IP..
TICS-105S 	16 A	250 V	2P + 	× 1	–	50	61	38	24	23	25	44	IP44
TICS-105SF 	16 A	250 V	2P + 	–	× 1	50	58	38	24	11	32	44	IP44



TICS-105S



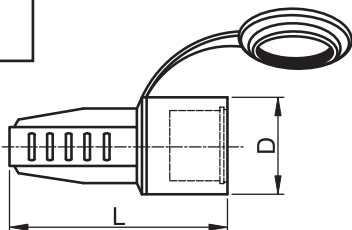
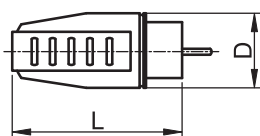
TICS-105SF

Socket outlet and plug with side protective contact

TRACON	I_n	U_n		 SCHUKO			D (mm)	L (mm)	IP..
TICS-012G*	16 A	250 V	2P + 	✓	✓	H07RN-F	43	87	IP 44
TICS-212G*	16 A	250 V	2P + 	✓	–	H07RN-F	51	110	
TICS-212GF	16 A	250 V	2P + 	–	✓	H07RN-F	51	110	

* These types meet the IP44 standard even on connected state.

TÜV MEEI TEST DOCUMENTATION
28209307



TICS-012G



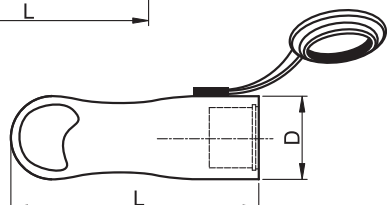
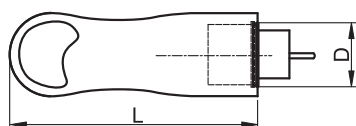
TICS-212G



Socket outlet and plug with side protective contact, easy-open

TRACON	I_n	U_n		 SCHUKO			D (mm)	L (mm)	IP..
TICS-012GH	16 A	250 V	2P + 	✓	✓	H07RN-F	43	115	IP 44
TICS-212GH	16 A	250 V	2P + 	✓	✓	H07RN-F	51	130	

These types meet the IP44 standard even on connected state.



TICS-212GH

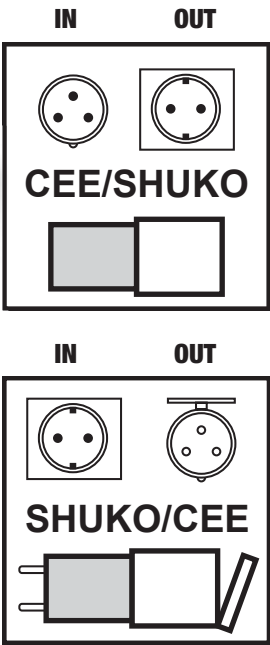


TICS-012GH

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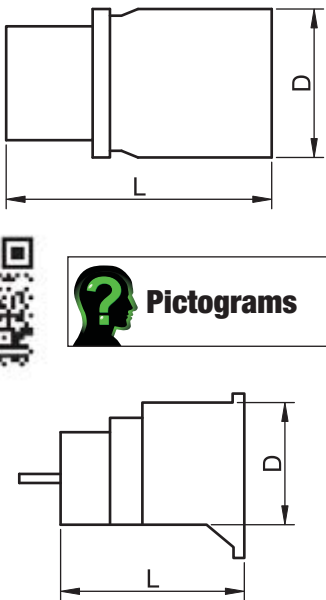
Adaptors with side protective contact

TRACON	I _n	U _n	IN		OUT		D (mm)	L (mm)
								
TICS-A1	16 A	250 V	—	× 1	× 1	—	50	110
TICS-A3	16 A	250 V	× 1	—	—	× 1	73	84



 **Pictograms**

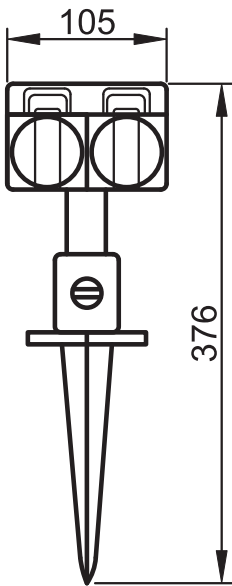
G/O



Inserted garden socket outlet



TRACON	I _n	U _n	 SCHUKO	 FRENCH			IP..
TGS	16 A	250 V	× 2	—	5 m	H07RN-F 3 × G1,5 mm ²	IP 44

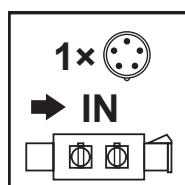
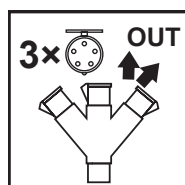
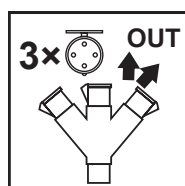
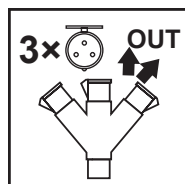
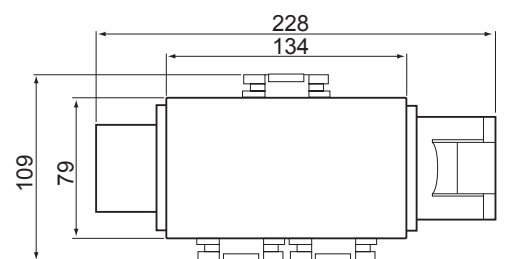
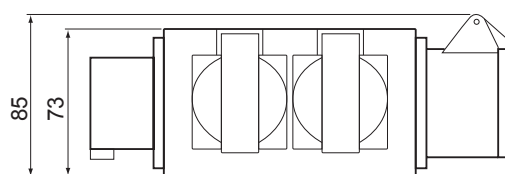
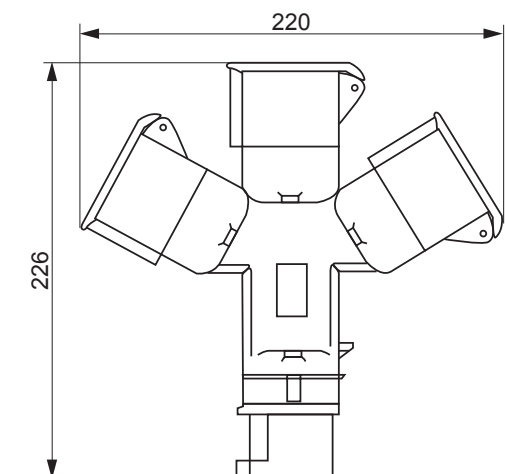


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Industrial distributor socket outlets

TRACON	I _n	U _n	IN			OUT			
									
TICS-1023	16 A	250 V	× 1	—	—	× 3	—	—	—
TICS-1024	16 A	400 V	—	× 1	—	—	× 3	—	—
TICS-1025	16 A	400 V	—	—	× 1	—	—	× 3	—
TICS-1605	16 A	400 V	—	—	× 1	—	—	× 1	× 3



TICS-1023

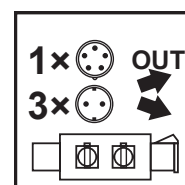
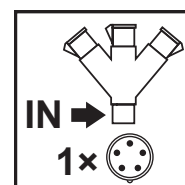
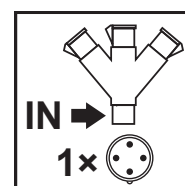
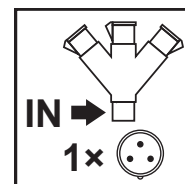
TICS-1024



TICS-1025



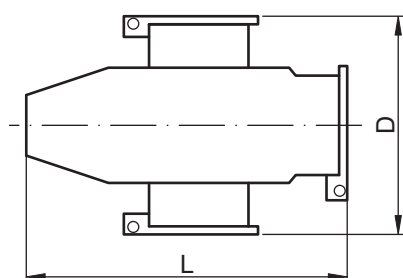
TICS-1605



Rubber hang-on triple socket outlet

TRACON	I _n	U _n					D (mm)	L (mm)	IP..
				SCHUKO	FRENCH				
TICS-A4	16 A	250 V	2P + PE	× 3	—	H07RN-F	115	150	IP 44
TICS-A4F	16 A	250 V	2P + PE	—	× 3	H07RN-F	95	140	

With rubber protection ring and protective cap.



TICS-A4F



TICS-A4

Portable connection box

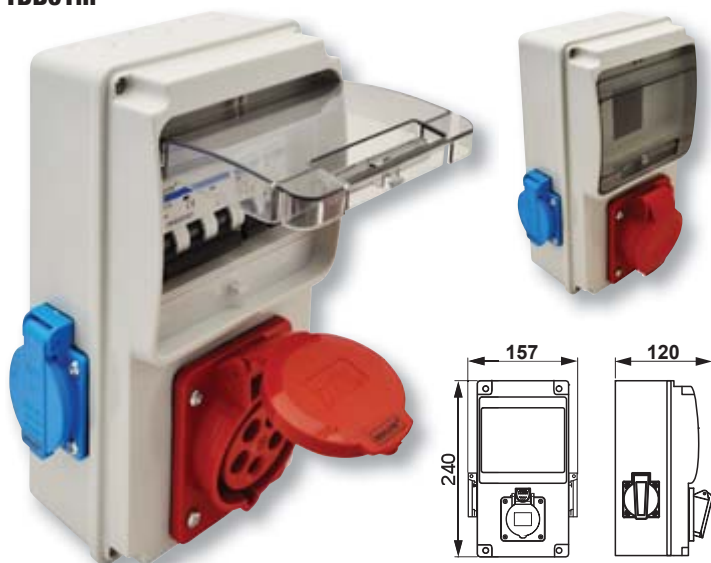
230/400 V AC	 U_i 690 V	 ABS	V2 UL94	T_a  -25...+55°C	 IK08	IP 44
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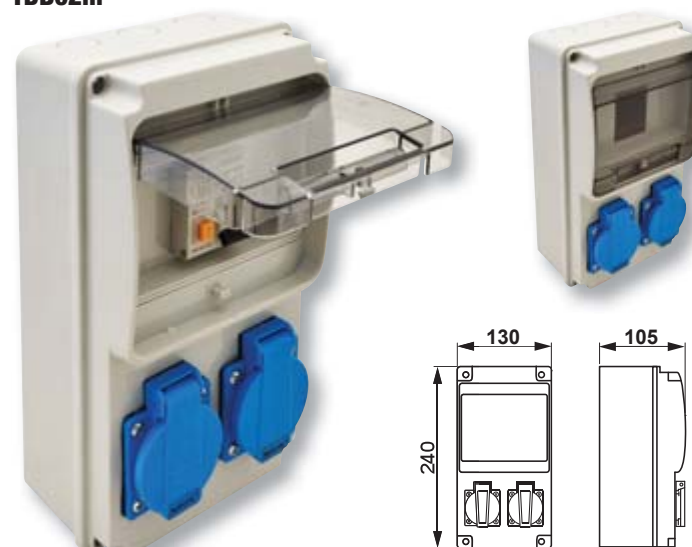
TRACON	I _n	U _n	 MCB	 RCCB	 3P + N + PE	 SCHUKO
TDB01-6M	16 A	400 V	-	-	1×(16A/400V)	2×(16/230V)
TDB01-6MV	16 A	400 V	1×(16A,3P,"C",400V~) 2×(16A,1P,"C",230V~)	-	1×(16A/400V)	2×(16/230V)
TDB02-6M	16 A	250 V	-	-	-	2×(16A/250V)
TDB02-6MV*	16 A	250 V	-	1×(16A,1P,"C",0.03A,230V~)*	-	2×(16A/250V)
TDB03-12M	32 A	400 V	-	-	2×(16A/400V) 1×(32A/400V)	4×(16/250V)
TDB03-12MV	32 A	400 V	1×(32A,3P,"C",400V~) 1×(16A,3P,"C",230V~) 2×(16A,1P,"C",230V~)	1×(63A,4P,0.03A,400V~)	2×(16A/400V) 1×(32A/400V)	4×(16/250V)
TDB04-11M	16 A	400 V	-	-	1×(16A/400V)	2×(16A/250V)
TDB04-11MV	16 A	400 V	1×(16A,3P,"C",400V~) 2×(16A,1P,"C",230V~)	1×(25A,4P,0.03A,400V~)	1×(16A/400V)	2×(16A/250V)

*The box is equipped with protection devices

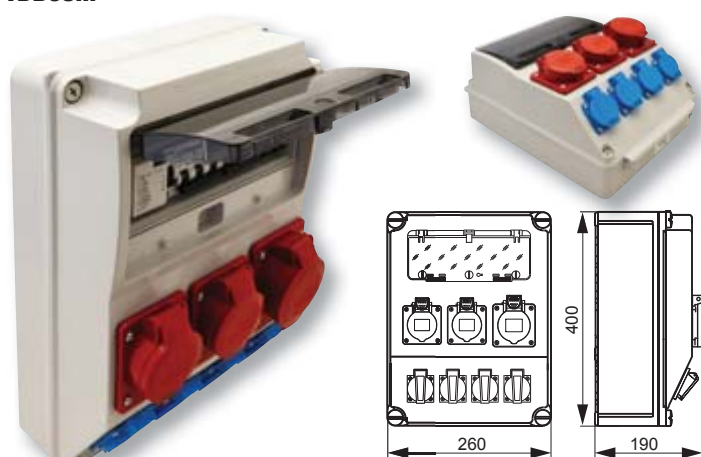
TDB01...



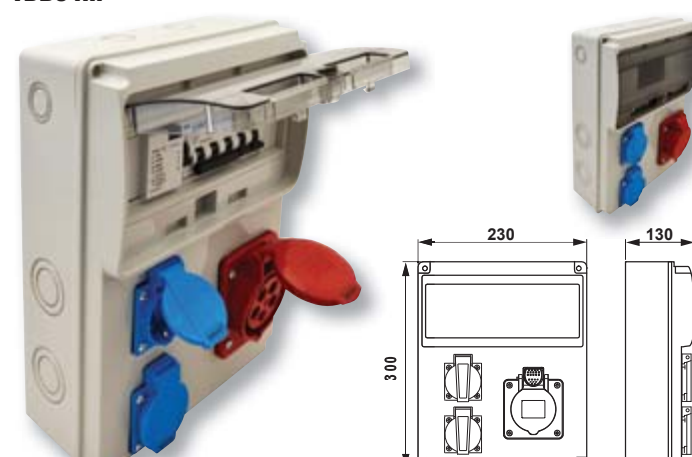
TDB02...



TDB03...



TDB04...



Portable connection box

230/400
V ACU_i
690 V

ABS

V2
UL94T_a
-25...+55°C

IK08

IP
44

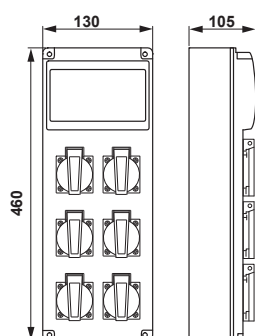
Pictograms

G/O

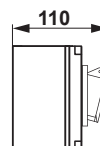
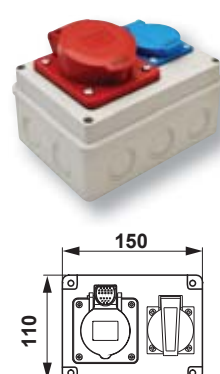


TRACON	I _n	U _n	MCB	RCCB	3P + N +	SCHUKO
TDB05-6M	16 A	250 V	-	-	-	6×(16A/250V)
TDB05-6MV	16 A	250 V	3× (16A,1P,"C",230V~)	1× (25A,2P,0.03A,230V~)	-	6×(16A/250V)
TDB06-0M	16 A	400 V	-	-	1× (16A/400V)	1×(16A/250V)
TDB07-0M	16 A	250 V	-	-	-	2×(16A/250V)
TDB08-0M	32 A	400 V	-	-	1× (16A/400V) 1× (32A/400V)	4×(16A/250V)

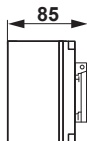
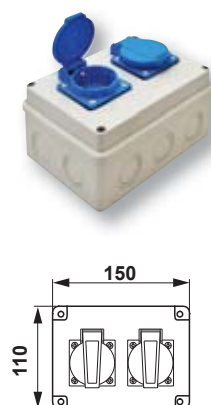
TDB05...



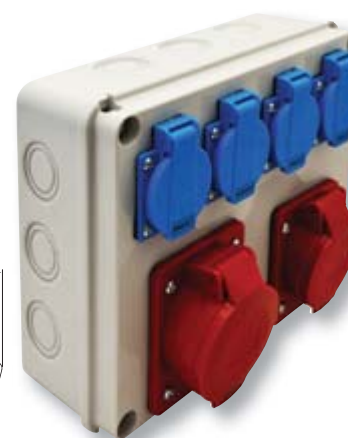
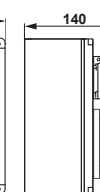
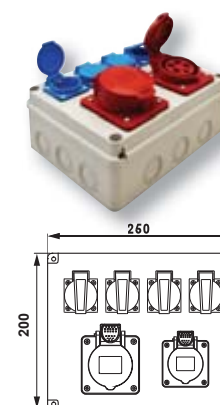
TDB06...



TDB07



TDB08



TDB-ALLV



TDB-CABLE...



TRACON	I _n	U _n		
TDB-CABLE3P16	16 A	250 V	5 m	3 × G2,5 mm ²
TDB-CABLE5P16	16 A	400 V	5 m	5 × G2,5 mm ²
TDB-CABLE5P32	32 A	400 V	5 m	5 × G4 mm ²

Hollow industrial connection boxes

230/400
V AC

 U_i
690 V

 **ABS**

V2
UL94

T_a 
-25...+55°C

IP
55

IK
08



Pictograms

G/O



TDB351710



TDB302210

TRACON



H
(mm)

W
(mm)

D
(mm)

a
(mm)

TDB231377

6 × Ø22 mm (PG-16)

× 6

230

130

105

100

TDB351377

6 × Ø22 mm (PG-16)

× 6

350

130

105

220

TDB351710

6 × Ø28,5 mm (PG-21)

× 6

360

180

110

227

TDB302210

6 × Ø22/28,5 mm (PG-16/PG-21)
+ 4 × Ø28,5/42 mm (PG-21/MG-40)

× 11

300

230

115

151

TDB461377

6 × Ø22 mm (PG-16)

× 6

460

130

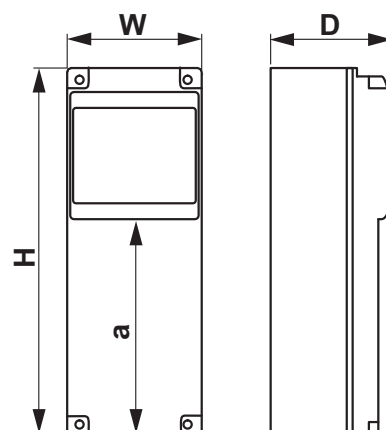
105

330



RELEVANT STANDARD
EN 60309

RELEVANT STANDARD
EN 60529



Hollow industrial connection boxes

230/400
V AC

 U_i
690 V

 **ABS**

V2
UL94

T_a 
-25...+55°C

IP
65

IK
08



Pictograms

G/O



TDB683315



TDB503315



TDB362613

TRACON



H
(mm)

W
(mm)

D
(mm)

a
(mm)

TDB362613

4×MG20/25

12

400

260

150

200

TDB503315

8×MG20/25, 10×MG32/40,
2×MG40/50

16

506

330

150

255

TDB683315

10×MG20/25, 12×MG32/40,
2×MG40/50

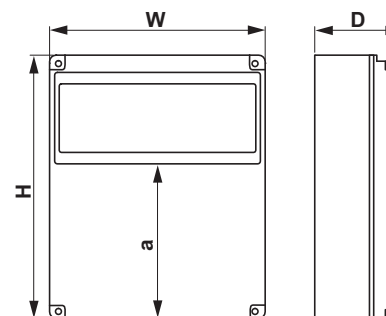
32

685

330

150

270



Fixing element

TRACON



TICS-RE230

Schuko/French

TICS-RE400

CEE



TICS-RE230



TICS-RE400



Cable holder, blue



TRACON

W
(mm)L
(mm)H
(mm)

KT01

165

350

65



Cable organizer



TRACON

W
(mm)L
(mm)H
(mm)

KT02

115

435

5



Waterproof box



TRACON

W
(mm)L
(mm)H
(mm)

Ø mm

VD

90

210

90

6,5-11

