



Cable reels, distribution tools



Cable reel extension sets

Technical data

Outlets: 4 pcs with protective contacts
 Electric protection: protected against overload
 Rated current: max. 16A, 230V AC (1.5-2.5 mm²)
 max. 10 A, 230 V AC (1.0 mm²)

MEEI Type Test certificate No.:

RELEVANT STANDARD

EN 61242



D0344V061, M1 27920930 01



Tracon code	Denomination	Length (m)	Cable type	Wire diameter
KD-2/5	Plastic cable reel, mini	5 m	H05VV-F (MT)	3×1,0 mm ²
KD-2/10	Plastic cable reel, mini	10 m	H05VV-F (MT)	3×1,0 mm ²
KD-2/15	Plastic cable reel, mini	15 m	H05VV-F (MT)	3×1,0 mm ²



Tracon code	Denomination	Length (m)	Cable type	Wire diameter
KD-3/15	Plastic cable reel, standard	15 m	H05VV-F (MT)	3×1,0 mm ²
KD-3/15-B	Plastic cable reel, standard	15 m	H05VV-F (MT)	3×1,5 mm ²
KD-3/20	Plastic cable reel, standard	20 m	H05VV-F (MT)	3×1,0 mm ²
KD-3/20-B	Plastic cable reel, standard	20 m	H05VV-F (MT)	3×1,5 mm ²
KD-3/25	Plastic cable reel, standard	25 m	H05VV-F (MT)	3×1,0 mm ²
KD-3/25-B	Plastic cable reel, standard	25 m	H05VV-F (MT)	3×1,5 mm ²
KD-3/30	Plastic cable reel, standard	30 m	H05VV-F (MT)	3×1,0 mm ²



Tracon code	Denomination	Length (m)	Cable type	Wire diameter
KD-4/20	Plastic cable reel, metal frame	20 m	H05VV-F (MT)	3×1,0 mm ²
KD-4/20-B	Plastic cable reel, metal frame	20 m	H05VV-F (MT)	3×1,5 mm ²
KD-4/25	Plastic cable reel, metal frame	25 m	H05VV-F (MT)	3×1,0 mm ²
KD-4/25-B	Plastic cable reel, metal frame	25 m	H05VV-F (MT)	3×1,5 mm ²
KD-4/30	Plastic cable reel, metal frame	30 m	H05VV-F (MT)	3×1,0 mm ²
KD-4/30-B	Plastic cable reel, metal frame	30 m	H05VV-F (MT)	3×1,5 mm ²
KD-4/40	Plastic cable reel, metal frame	40 m	H05VV-F (MT)	3×1,0 mm ²
KD-4/40-B	Plastic cable reel, metal frame	40 m	H05VV-F (MT)	3×1,5 mm ²
KD-4/50-B	Plastic cable reel, metal frame	50 m	H05VV-F (MT)	3×1,5 mm ²



Tracon code	Denomination	Length (m)	Cable type	Wire diameter
KD-6/20-A	Metal cable reel, metal frame	20 m	H07RN-F (rubber)	3×1,5 mm ²
KD-6/20-B	Metal cable reel, metal frame	20 m	H05VV-F (MT)	3×1,5 mm ²
KD-6/20-C	Metal cable reel, metal frame	20 m	H05VV-F (MT)	3×2,5 mm ²
KD-6/20-D	Metal cable reel, metal frame	20 m	H07RR-F (rubber)	3×2,5 mm ²
KD-6/20-E	Metal cable reel, metal frame	20 m	H07RN-F (rubber)	3×2,5 mm ²
KD-6/30-B	Metal cable reel, metal frame	30 m	H05VV-F (MT)	3×1,5 mm ²



Tracon code	Denomination	Length (m)	Cable type	Wire diameter
KD-9/20-B	Plastic cable reel, standard	20 m	H07RN-F (rubber)	3×1,5 mm ²
KD-9/25-B	Plastic cable reel, standard	25 m	H07RN-F (rubber)	3×1,5 mm ²



Tracon code	Denomination
KD-D0B	Empty metal cable reel, metal frame

RELEVANT STANDARD

EN 61242

ETL-SEMKO CERTIFICATE NO.

606763





Cable reels, distribution tools



UH universal extension cords

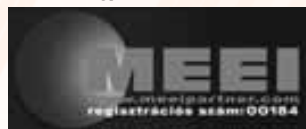
Rated current: max. 16 A, 230 V AC (1,5 mm²), max. 10 A, 230 V AC (1,0 mm²)

Tracon code	Length (m)	Cable type	Wire diameter
UH10	10 m	H05VV-F (MT)	3×1,0 mm ²
UH15	15 m	H05VV-F (MT)	3×1,0 mm ²
UH20	20 m	H05VV-F (MT)	3×1,0 mm ²
UH25	25 m	H05VV-F (MT)	3×1,0 mm ²
UH30	30 m	H05VV-F (MT)	3×1,0 mm ²
UH40	40 m	H05VV-F (MT)	3×1,5 mm ²
UH50	50 m	H05VV-F (MT)	3×1,5 mm ²

RELEVANT STANDARD

**MSZ 9872
IEC 60884-1**

MEEI Type Test certificate No.:



M1 2892111 01



Multi plug portable extension cords with side protective contacts

Rated current: max. 16 A, 230 V AC (1,5 m), max. 10 A, 230 V AC (3-5 m)

	Cable length / Tracon code			Number of sockets	
	1.5 m	3 m	5 m	SCHUKO	EURO
Without switch	H3	H3-3M	H3-5M	3	-
	H4	H4-3M	H4-5M	4	-
	H5	H5-3M	H5-5M	5	-
	H6	H6-3M	H6-5M	6	-
	H2/2	H2/2-3M	H2/2-5M	2	2
	H4/4	H4/4-3M	H4/4-5M	4	4
With switch	HK3	HK3-3M	HK3-5M	3	-
	HK4	HK4-3M	HK4-5M	4	-
	HK5	HK5-3M	HK5-5M	5	-
	HK6	HK6-3M	HK6-5M	6	-
	HK4/4	HK4/4-3M	HK4/4-5M	4	4



MEEI Type Test certificate No.:



M1 2892300 01

RELEVANT STANDARD

**MSZ 9872
IEC 60884-1**

INTERTEK ETL SEMKO CERTIFICATE NO.

04SHN1803-01

ICPE CERTIFICATE NO.

0041/16.03.2005.

Rotatable multi plug portable extension cords

Rated current: max. 16 A (230 V AC)
 Type of wire: H05VV-F, 3 × 1.5 mm², (3 m)
 Degree of protection: class III. ("D")
 Voltage protection level: 1.5 kV



RELEVANT STANDARD

IEC 60884-1

MEEI Type Test certificate No.:



M1 2992030 01

Tracon code	Number, type of connection sockets, built-in elements
HRRK3/3	2 × 3 sockets with side protective contacts + 2 switches
HRRK2/2	2 × 2 sockets with side protective contacts + 2 switches
HRRK6	6 sockets with side protective contacts + 1 switch
HRRK6	6 sockets with side protective contacts + 1 switch + D level overvoltage protection
HRRKF3/3	2 × 3 sockets with male protective contacts + 2 switches
HRRKTF3/3	2 × 3 sockets with male protective contacts + 2 switches + D level overvoltage protection

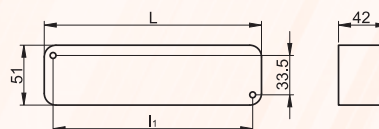
Multi plug, re-mountable, fixable extension cords with side protective contact

The extension cord is fixable on surface trough holes on the bottom of the body. Cord is not included.
 When mounting the cord, be careful to properly fix the ease clip.

Technical data

Rated load: max. 16 A (230 V AC)
 Type of wire: H05VV-F 3G 1,0 mm², plastic

Tracon code	Socket outlets	L (mm)	I ₁ (mm)
HUR-03	3 pcs	185	170
HUR-04	4 pcs	230	215
HUR-05	5 pcs	270	255
HUR-06	6 pcs	315	300



RELEVANT STANDARD

**MSZ 9871-2
IEC 60884-1**

MEEI Type Test certificate No.:



M11 2892054 01



Cable reels, distribution tools

Protected multi-plug extension cords

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. Is the light not on, the over-voltage protection unit is burnt off. 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 acting on the reset button.

Protective functions:

Coaxial protection • Telephone protection • Computer protection

Protective functions are further explained in the table!

The multi-plug extension cords can be re-wired

Only three-stage (B-C-D) coordinated systems are suitable to afford complete over-voltage protection!

MEEI Type Test certificate No.:



M1 2892316 01

Technical data

Nominal voltage:	250 V AC
Rated current:	16 A
Degree of protection:	IP 20
Protection class:	III. (IEC), „D” (VDE)
Application environment:	indoor
Nominal leakage current:	1,5 kA
Wire:	3 m; 3 × 1.5 mm ²

Parameters	Maximum operational voltage, U _c	Voltage protection level, U _p	Open circuit voltage, U _{oc}
Over-voltage	250 V	1,8 kV	3 kV
TV set	60 V	1 kV	2,5 kV
Telephone	120 V	1,2 kV	1,2 kV
Computer	120 V	1,2 kV	2,5 kV

RELEVANT STANDARD

EN 61643-11

RELEVANT STANDARD

MSZ 9871

RELEVANT STANDARD

EN 60943

RELEVANT STANDARD

IEC 60884-1

Version	Tracon code		Protection					Sockets
	side protective contacts	male protective contacts	Overvoltage	Overcurrent	TV	Telephone	Computer	
Aluminium case	HKTM6-3M-ALU	HKTMF6-3M-ALU	+	+	-	-	-	6
	HKTM8-3M-ALU	HKTMF8-3M-ALU	+	+	-	-	-	8
	HKTM6-3M-KT-ALU	HKTMF6-3M-KT-ALU	+	+	+	+	-	6
	HKTM8-3M-KT-ALU	HKTMF8-3M-KT-ALU	+	+	+	+	-	8
	HKTM6-3M-KTS-ALU	HKTMF6-3M-KTS-ALU	+	+	+	+	+	6
	HKTM8-3M-KTS-ALU	HKTMF8-3M-KTS-ALU	+	+	+	+	+	8
Plastic case	HKT5-3M	HKTF5-3M	+	-	-	-	-	5
	HKTM5-3M	HKTMF5-3M	+	+	-	-	-	5
	HNKTM8-3M-KT	HNKTMF8-3M-KT	+	+	+	+	-	8
	HNKTM10-3M-KT	-	+	+	+	+	-	10



HKTM-...ALU, HKTMF-...ALU

HKT, HKTF

HKTM, HKTMF



E/30

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Cable reels, distribution tools

Assemble plugs and sockets

Technical data

Nominal voltage: 250 V
 Nominal frequency: 50 Hz
 Rated current: 10/16A
 Cable to be used: H05VV-F 3G 1.5 mm²
 plastic envelope

RELEVANT STANDARD

MSZ 9871-2
IEC 60884-2-5



TCSD

TCSA

TCSDO

Tracon code	Denomination	Type
TCSD	Plug, axial cable entry	side protective contacts
TCSDO	Plug, lateral cable entry	side protective contacts
TCSDF	Socket, axial cable entry	male protective contact
TCSA	Socket, axial cable entry	side protective contacts
TCSAF	Socket, axial cable entry	male protective contact

MEEI Type Test certificate No.:



M11 2892731 01, M11 2892730 01

Multi-plug transforming extension adaptors

Technical data

Nominal voltage: 250 V
 Nominal frequency: 50 Hz
 Rated current: max. 2.5 A

RELEVANT STANDARD

MSZ 9871-2
IEC 60884-2-5



TN2

TN3

TN4

Tracon code	Number of sockets	Socket type	Version
TN2	2 pcs	EURO	normal
TN3	3 pcs	EURO	90°
TN4	4 pcs	EURO	90°

MEEI Type Test certificate No.:



M11 2892731 01, M11 2892730 01

Multi-plug transforming extension adaptors with protective contacts

Technical data

Nominal voltage: 250 V
 Nominal frequency: 50 Hz
 Rated current: max. 16 A

RELEVANT STANDARD

MSZ 9871-2
IEC 60884-2-5



TDUG0

TDUG09

TDUG0F

TDUG09-BARN

Tracon code	Number of sockets	Socket type	Version
TDUG0	3 pcs	side protective contacts	normal, white
TDUG0F	3 pcs	side protective contacts	normal, white
TDUG09	3 pcs	side protective contacts	90°, white
TDUG0-BARN	3 pcs	side protective contacts	normal, brown
TDUG09-BARN	3 pcs	side protective contacts	90°, brown

MEEI Type Test certificate No.:



M11 2892731 01, M11 2892730 01

Multi-plug combined transforming extension adaptors

Technical data

Nominal voltage: 250 V
 Nominal frequency: 50 Hz
 Rated current
 (EURO-type socket): max. 2.5 A
 (side-protected socket): max. 16 A

RELEVANT STANDARD

MSZ 9872
IEC 60884-2-5



TN2/1

TNF2/1

Tracon code	Number and type of sockets	Version
TN2/1	1 EURO + 2 side-protected	normal, white
TNF2/1	1 EURO + 2 with male protective contact	normal, white

MEEI Type Test certificate No.:



M1 2892771 01, M1 2892635 01, M1 2892537 01



Surface mounted type socket outlets and switches

The instruments are placed in waterproof plastic housing. A spring keeps the cover of socket outlets in closed position of. The grouping position of instruments can be **horizontal and vertical (V)**. Solid wires or flexible wires with cord end terminals could be connected to the screw terminals. Application examples: at home, garages, bathrooms, public areas, workshops, etc.

Technical data

Protection degree: IP 44 (against flushing water)
 Flammability: Self-extinguishing according to UL94 V-1
 Termination: With female clips
 Terminal capacity: 2x1,5 - 2,5 mm² per terminal
 Stripping length: 6 mm

Electrical data

Socket outlet: 16A/250V; 50 Hz (2P+F)
 Double pole switch: 10A/250V; 50 Hz

MEEI Type Test certificate No.:



M11 2892051 01

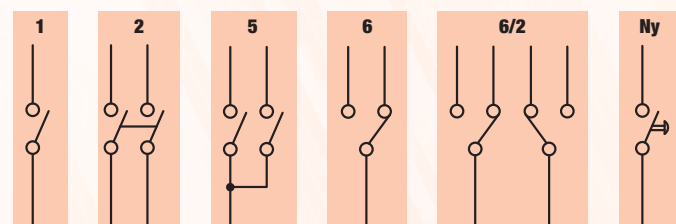
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EN 60669-1

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IEC 60884-1

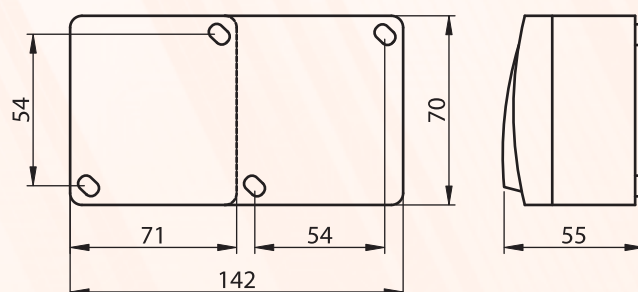
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MSZ 9871-2



Tracon code	Instruments	Protection cont.	Grouping
TR-PH01	Socket outlet	Side	-
TR-PHF01	Socket outlet	Male	-
TR-PH02	Double socket outlet	Side	Horizontal
TR-PHF02	Double socket outlet	Male	Horizontal
TR-PH03	Socket outlet + one pole switch	Side	Horizontal
TR-PH03V	Socket outlet + one pole switch	Side	Vertical
TR-PHF03	Socket outlet + one pole switch	Male	Horizontal
TR-PHF03V	Socket outlet + one pole switch	Male	Vertical
TR-PH04	Two pole switch	-	-
TR-PH05	One pole switch	-	-
TR-PH05L	One pole switch with glim lamp	-	-
TR-PH05-2	Two circuit switch	-	-
TR-PH06	Two way switch	-	-
TR-PH06L	Two way switch with glim lamp	-	-
TR-PH06-2	Double two way switch	-	-
TR-PH07	Bell pushbutton	-	-
TR-PH07L	Bell pushbutton with glim lamp	-	-
TR-PH08	Two way switch + socket outlet	Side	Horizontal
TR-PH08V	Two way switch + socket outlet	Side	Vertical
TR-PHF08	Two way switch + socket outlet	Male	Horizontal
TR-PHF08V	Two way switch + socket outlet	Male	Vertical
TR-PH09	Two circuit switch + socket outlet	Side	Horizontal
TR-PH09V	Two circuit switch + socket outlet	Side	Vertical
TR-PHF09	Two circuit switch + socket outlet	Male	Horizontal
TR-PHF09V	Two circuit switch + socket outlet	Male	Vertical
TR-PH10	Double two way switch + socket outlet	Side	Horizontal
TR-PH10V	Double two way switch + socket outlet	Side	Vertical
TR-PHF10	Double two way switch + socket outlet	Male	Horizontal
TR-PHF10V	Double two way switch + socket outlet	Male	Vertical
TR-PH11	Two poles switch + socket outlet	Side	Horizontal
TR-PH11V	Two poles switch + socket outlet	Side	Vertical
TR-PHF11	Two poles switch + socket outlet	Male	Horizontal
TR-PHF11V	Two poles switch + socket outlet	Male	Vertical



1 = One pole switch
 2 = Two pole switch
 5 = Two circuit switch
 6 = Two way switch
 6/2 = Double two way switch
 B = Bell pushbutton



TTK types surface mounted switches and socket outlets

The elements of TTK type product family are designed for surface mount installation without using switch boxes. The heights of the items are less than 30 mm (except in case of socket outlet, where the height is 41 mm) so they are suitable for renovation of electric system in block flats. All items are white. Dimensions: 80 × 80 mm. The inserts can be reached after clipping off the buttons or covers. When the cover is removed from the device, the insert can be slipped off from the housing for easier installation. The wires can be connected with screw terminals.

Technical data

Protection class: IP 20
 Flammability: self-extinguishing (UL94V-1)
 Terminals: screw terminals
 Terminal wires: 2 × 1,5 - 2,5 mm²
 Crimping length: 6 mm

Electric data

Socket outlets: 16 A/250 V; 50 Hz
 Switch: 10 AX/250 V; 50 Hz

MEEI Type Test certificate No.:



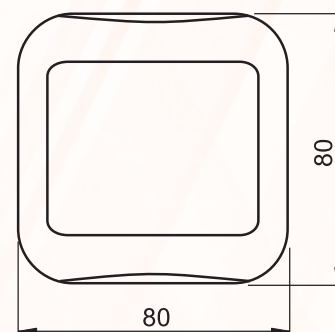
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EN 60669-1

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IEC 60884-1

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MSZ 9871-2

Tracon code	Description
TTK-01	Single pole switch
TTK-02	Two way switch
TTK-03	Two pole switch
TTK-04B	Pushbutton with bell signal
TTK-04L	Pushbutton with lamp signal
TTK-04W	Pushbutton with WC mark
TTK-05	Two circuit switch (single button)
TTK-06	Two circuit switch (double button)
TTK-07	Jalousie switch
TTK-11	Socket outlet with side protection contact
TTK-12	Socket outlet with male protection contact
TTK-13*	Socket outlet without protection contact*
TTK-21	Telephone outlet (RJ11 6/4)
TTK-31	TV outlet (9 mm)
TTK-32	TV and FM outlet (9 mm)



*to be used only for old installations as replacement;





Remote controlled socket outlet product family

This remote control network socket outlet product family is consisted of a remote control panel and any number of socket outlets with side or male protective contact. (Only the TAVCSA-2S and TAVCSAF-2S type devices have remote control panel). They can be used for operation of radios, lamps, fans, heating, etc. The remote control panel has five channels, thus enables on and off operation of five differently coded socket outlets. The TAVCSA-2 and TAVCSA-2F sockets can be switched on and off by a pushbutton placed on the front side of the devices.

Technical data

Socket outlet:

Rated voltage:	230 V AC
Max. Switchable power:	1000 W / 3500W
Number of channels:	5
Operating frequency:	433.92 MHz
Detectable distance:	app. 20m
Switching the channels:	With selector switch
On/OFF signal:	With LED

RELEVANT STANDARD

EN 60669-2-1
IEC 60884-1
CEE 7



Tracon code	Maximum load	Version
TAVCSA-1	1000 W	With side protective contact
TAVCSA-1F	1000 W	With male protective contact
TAVCSA-2	3500 W	With side protective contact
TAVCSA-2F	3500 W	With male protective contact
TAVCSA-2S	1000 W	With side protective contact and remote control
TAVCSAF-2S	1000 W	With male protective contact and remote control

Remote control:

Number of channels:	5
Operating frequency:	433.92MHz
Detectable distance:	app. 20 m
Power supply:	12 V DC (1 pc 23A L1028 battery)

Digitally coded wireless bell

The bell and the pushbutton are operated independently from the power network, being supplied by batteries, and a digital coded radio signal ensures the connection between the two units. This way, the wireless bell is especially suited for subsequent installation in existing sites (homes, etc.), as there is no need to install a wire connection between the pushbutton and the bell and to ensure the network supply.

Technical data

Receiver (bell unit):

Power supply:	4,5 V DC (3 pcs „C” type LR14 „Baby” battery)
Current consumption:	On standby state: max. 0,4 mA During ringing max. 60 mA
Loudness:	app. 100 dB

Signaller (pushbutton):

Power supply:	12 V DC (1 pc 23A L1028 battery)
Operating frequency:	315 MHz
Detectable distance:	app. 20 m

Tracon code	Name
TMA-203	wireless bell



Features

- It can be used as a door bell and as a remote control and portable warning bell.
- Max. 20 m operating distance
- Simple installation, there is no need for wiring and network supply
- Digital coded radio frequency (64 channels) in order to avoid unintended signalling.
- In conformity to the standard requirements of the telecommunication authority.

Plug-in wireless bell

There is no need to build up a wire connection between the pushbutton and the bell and to ensure the network supply. The receiver unit can be plugged into any standard wall socket. A digital coded radio signal ensures the connection between the pushbutton and the bell.

Technical data

Receiver (bell unit):

Rated voltage:	230 V AC
Mounting:	pluggable
Detectable distance:	app. 20 m
Protection class:	II. class
Protection degree:	IP42

Signaller (pushbutton):

Power supply:	12 V DC (1 pc 23A L1028 battery)
Operating frequency:	315 MHz
Detectable distance:	app. 20m

Tracon code	Name
TDCS	Plug-in wireless bell

RELEVANT STANDARD

MSZ 9872

RELEVANT STANDARD

IEC 60884-1

