



PROTEKT®

INSULATING POLES DT SERIES

WWW.PROTEKT.EU



Made
in Poland



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The PROTEKT company has been founded in 1989 in the central city of Poland - Łódź. Since the beginning, our goal has been protecting people from falling from heights.

We produce systems and equipment that guarantee the safety of work. Our equipment is used in many fields of economy, during work at heights, depths and in emergency rescue.

We offer both components of individual fall protection equipment - safety harnesses, safety shock absorbers, safety ropes as well as fixed safety systems.

All our models are EU certified and CE marked.

Products designed for fall protection are all assessment certified which has been carried out by notified bodies.

Many products have additional certificates of fitness in special conditions.

- Products used in hazardous locations: Institute of Industrial Organic Chemistry
- Products used in the mining industry: Mining Risk Commission
- Ladders, rope ladders: Institute of Mechanized Construction And Rock Mining
- Fire Department equipment: Scientific and Research Centre for Fire Protection
- Textile raw materials: Textile Research Institute



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DT series Insulating poles

Insulating poles (depending on the rated voltage) are used for operating electromagnetic devices of low, medium and high voltage. The poles are used for lifting and mounting auxiliary electromagnetic equipment with maximum total weight of 5kg. They are used for electric shock protection by means of isolating the operator from the live electromagnetic devices.

The pole is made of an epoxy glass tube filled with polyurethane foam with high mechanical and electrical strength. It has been dyed yellow. The head of the pole and the grip arrester are made of insulation plastic. The cap closing the pole from the bottom is made of rubber with high impact resistance. The connectors of the multibody pole are made of plastic with high electric and impact strength. The poles have been equipped with either an UDI head or a sleeve with the M10 thread which is used for mounting any operating element or indicator in the pole.



**TESTED
BY RESEARCH
INSTITUTE OF POWER
ENGINEERING
IN WARSAW**



Depending on the model,
the poles enable work with
rated voltage up
to **1-440 kV**

Depending on the model, the
following standard is met

**EN 50508
EN 60832-1
EN 62193
EN 60832-1**

PROTEKT®

WWW.PROTEKT.EU



We test all types of insulating poles

High-voltage insulating pole test



The test was performed in accordance with the following standard:

EN 60832:2010

tel. +48 42 29-29-500
export@protekt.com.pl

Characteristics of accessory mounting heads

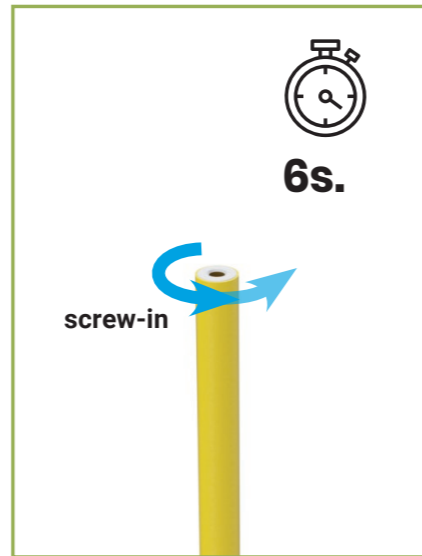
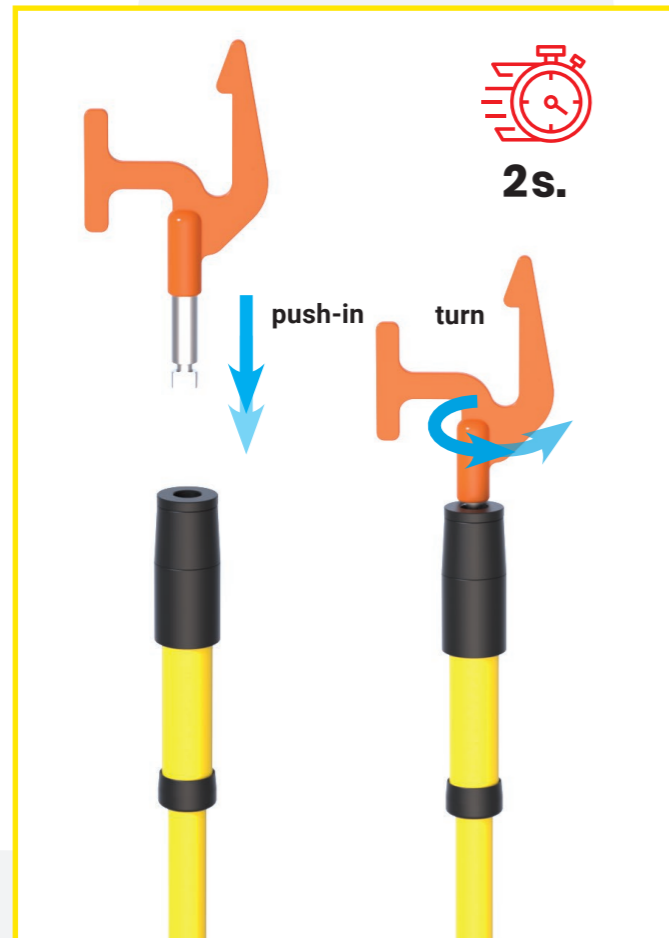
The poles have been equipped with either an UDI head had or a sleeve with the M10 thread, which is used for mounting any operating element or indicator in the pole.



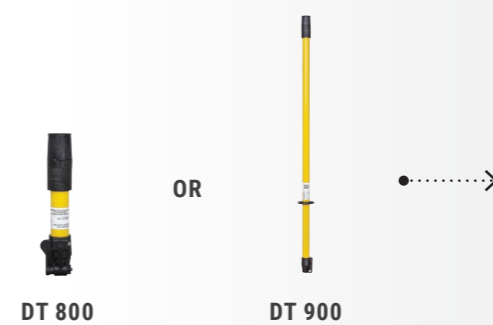
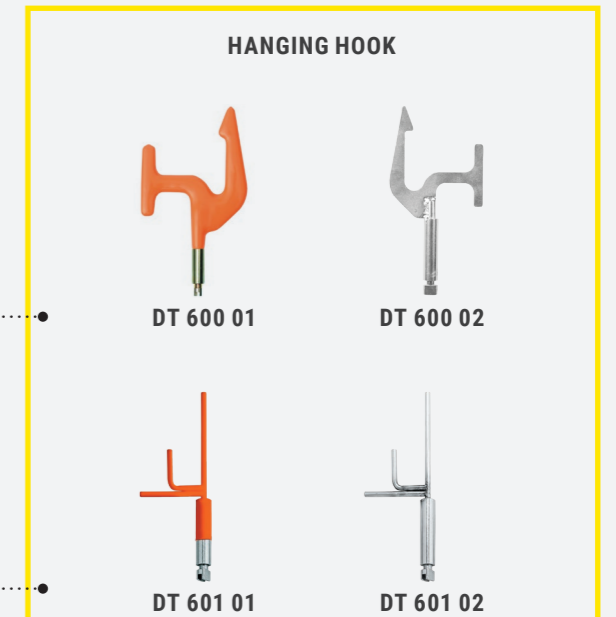
HEAD UDI
QUICK ASSEMBLY
OF PUSH-IN
ACCESSORIES



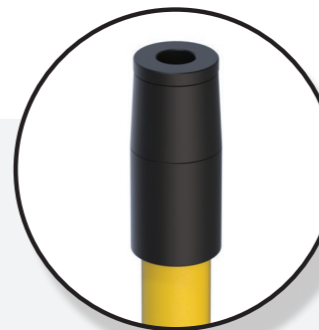
FITTING
WITH M10 THREAD
SLOW ASSEMBLY
OF SCREW-IN
ACCESSORIES



Accessories for insulating pole



TIPS WITH UDI HEADS FOR
POLES WITH THE M10 THREADS



Head
UDI

A wide selection of auxiliary accessories for poles with UDI heads

TELESCOPIC INSULATING POLES

EN 62193
EN 60832-1



TESTED BY RESEARCH
INSTITUTE OF POWER
ENGINEERING IN WARSAW

Rated
voltage up

440 kV

*depending on the pole length

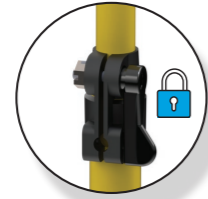


The head of the pole and the grip arrester are made of insulation plastic.

Insulating poles (depending on the rated voltage) are used for operating electromagnetic devices of low, medium and high voltage. The poles are used for lifting and mounting auxiliary electromagnetic equipment with maximum total weight of 5 kg. They are used for electric shock protection by means of isolating the operator from the live electromagnetic devices.

The pole is made of an epoxy glass tube filled with polyurethane foam with high mechanical and electrical strength. It has been dyed yellow. The head of the pole and the grip arrester are made of insulation plastic. The cap closing the pole from the bottom is made of rubber with high impact resistance. The connectors of the multibody pole are made of plastic with high electric and impact strength. The poles have been equipped with either an UDI head or a sleeve with the M10 thread which is used for mounting any operating element or indicator in the pole.

SAFE AND COMFORTABLE
POLE LENGTH
ADJUSTMENT USING
LOCKING LEVERS

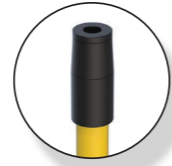


LOCKING
LEVERS CLAMP
CLOSED



LOCK
RELEASED

THE POLE IS AVAILABLE
IN TWO OPTIONS:



HEAD
UDI



M10
THREAD

THE GRIP
ARRESTER IS MADE
OF INSULATION
PLASTIC



THE
GRIPPING PART
is made of insulation plastic

INSULATING TELESCOPIC POLES with UDI head



TECHNICAL
SPECIFICATION

Cat. no:	DT 203UDI	DT 200UDI	DT 201UDI	DT 202UDI	DT 203	DT 200	DT 201	DT 202
Weight	4,84 kg	3,96 kg	2,88 kg	2,04 kg	4,68 kg	3,84 kg	2,76 kg	1,92 kg
Maximum length	9374 mm	8180 mm	6476 mm	5023 mm	9296 mm	8076 mm	6398 mm	4946 mm
Minimum length	2356,5 mm	2239,5 mm	1927 mm	1927 mm	2180,5 mm	2060,5 mm	1851,5 mm	1850 mm
Rated voltage up to	440 kV	440 kV	220 kV	110 kV	440 kV	440 kV	220 kV	110 kV
Number of segments	5	5	4	3	5	5	4	3
Tensile strength	1323 N	1323 N	1323 N	1323 N	1323 N	1323 N	1323 N	1323 N
Torsional strength	12,5 Nm	12,5 Nm	12,5 Nm	12,5 Nm	12,5 Nm	12,5 Nm	12,5 Nm	12,5 Nm
Mechanical bending strength	438 Nm	371 Nm	276 Nm	194 Nm	434 Nm	365 Nm	271 Nm	190 Nm

INSULATING TELESCOPIC POLES with M10 thread



COVER IN SET



AXDT 901

cover in proper length for version

UNIVERSAL SINGLE-UNIT INSULATING POLES

EN 50508
EN 60832-1



TESTED BY RESEARCH
INSTITUTE OF POWER
ENGINEERING IN WARSAW

Rated
voltage up

110 KV

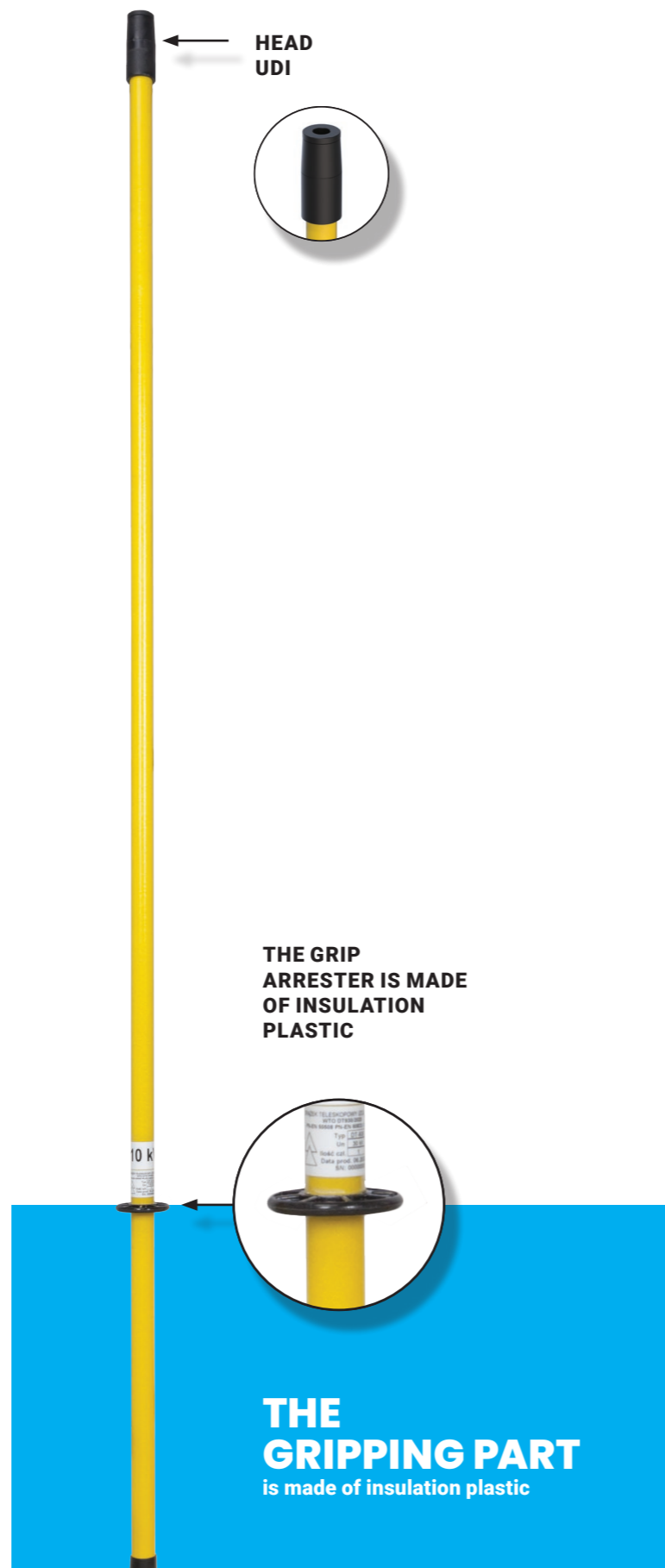
*depending on the pole length



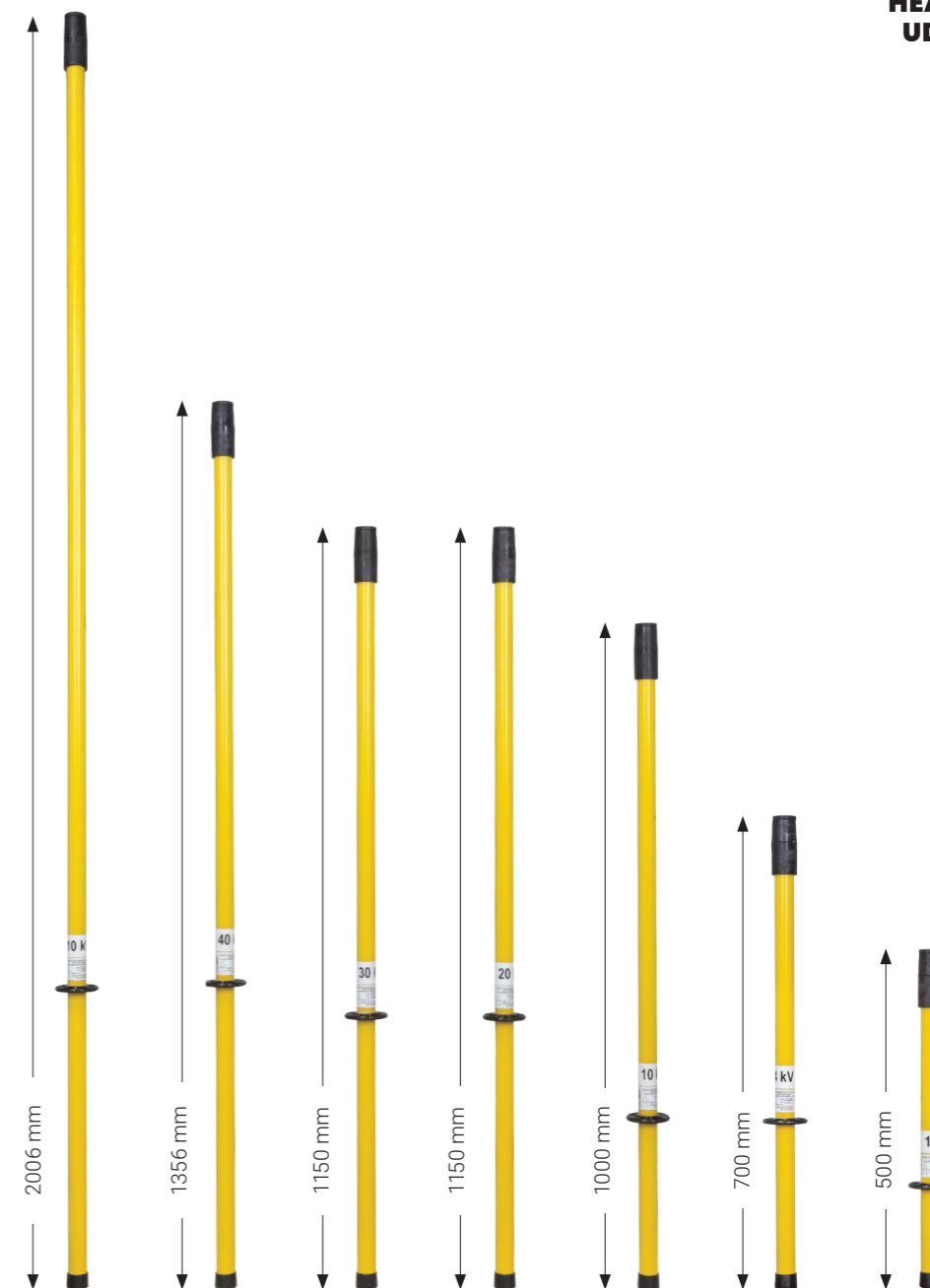
The head of the pole and the grip arrester are made of insulation plastic.

Universal single-unit insulating poles are designed for rated voltage 1kV-110kV depending on the size. The universal insulating pole (depending on the rated voltage) has been designed for operating electromagnetic devices of low, medium and high voltage. It is used for electric shock protection by means of isolating the operator from the live electromagnetic devices.

The pole is made of an epoxy glass tube filled with polyurethane foam with high mechanical and electrical strength. It has been dyed yellow. The head of the pole and the grip arrester are made of insulation plastic. The cap closing the pole from the bottom is made of rubber with high impact resistance. The connectors of the multibody pole are made of plastic with high electric and impact strength. Each pole has been equipped with an UDI head which is used for mounting any operating element or indicator in the pole.



HEAD
UDI



TECHNICAL SPECIFICATION

	Cat. no: DT9110	DT940	DT930	DT920	DT910	DT904	DT901
Weight	0,9 kg	0,62 kg	0,54 kg	0,54 kg	0,5 kg	0,36 kg	0,28 kg
Length	2006 mm	1356 mm	1150 mm	1150 mm	1000 mm	700 mm	500 mm
Rated voltage up to	110 kV	40 kV	30 kV	20 kV	10 kV	4 kV	1 kV
Tensile strength	1500 N	1500 N	1500 N	1500 N	1500 N	1500 N	1500 N
Torsional strength	12,5 Nm	12,5 Nm	12,5 Nm	12,5 Nm	12,5 Nm	12,5 Nm	12,5 Nm
Bending strength	150 Nm	150 Nm	150 Nm	150 Nm	150 Nm	150 Nm	150 Nm

COVER IN SET



AXDT 901
cover in proper length for version

DT 600 01
Hanging isolated hook

↓
push-in
UDI

⚡
isolated



- Compatible with:
- ☑ DT200UDI
 - ☑ DT201UDI
 - ☑ DT202UDI
 - ☑ DT203UDI
 - ☑ DT901
 - ☑ DT904
 - ☑ DT910
 - ☑ DT920
 - ☑ DT930
 - ☑ DT940
 - ☑ DT9110

TECHNICAL SPECIFICATION

Weight 270 g
Material galvanized steel, PVC

DT 600 02
Hanging uninsulated hook

↓
push-in
UDI



- Compatible with:
- ☑ DT200UDI
 - ☑ DT201UDI
 - ☑ DT202UDI
 - ☑ DT203UDI
 - ☑ DT901
 - ☑ DT904
 - ☑ DT910
 - ☑ DT920
 - ☑ DT930
 - ☑ DT940
 - ☑ DT9110

TECHNICAL SPECIFICATION

Weight 210 g
Material galvanized steel

DT 600 03
Hanging isolated hook

↻
screwed
M10

⚡
isolated



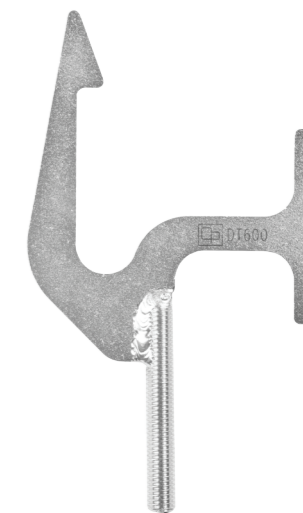
- Compatible with:
- ☑ DT200
 - ☑ DT201
 - ☑ DT202
 - ☑ DT203

TECHNICAL SPECIFICATION

Weight 170 g
Material galvanized steel, PVC

DT 600 04
Hanging uninsulated hook

↻
screwed
M10



- Compatible with:
- ☑ DT200
 - ☑ DT201
 - ☑ DT202
 - ☑ DT203

TECHNICAL SPECIFICATION

Weight 120 g
Material galvanized steel

DT 601 01
Hanging isolated hook

↓
push-in
UDI

⚡
isolated



- Compatible with:
- ☑ DT200UDI
 - ☑ DT201UDI
 - ☑ DT202UDI
 - ☑ DT203UDI
 - ☑ DT901
 - ☑ DT904
 - ☑ DT910
 - ☑ DT920
 - ☑ DT930
 - ☑ DT940
 - ☑ DT9110

TECHNICAL SPECIFICATION

Weight 200 g
Material stainless steel, PVC

DT 601 02
Hanging uninsulated hook

↓
push-in
UDI



- Compatible with:
- ☑ DT200UDI
 - ☑ DT201UDI
 - ☑ DT202UDI
 - ☑ DT203UDI
 - ☑ DT901
 - ☑ DT904
 - ☑ DT910
 - ☑ DT920
 - ☑ DT930
 - ☑ DT940
 - ☑ DT9110

TECHNICAL SPECIFICATION

Weight 150 g
Material galvanized steel



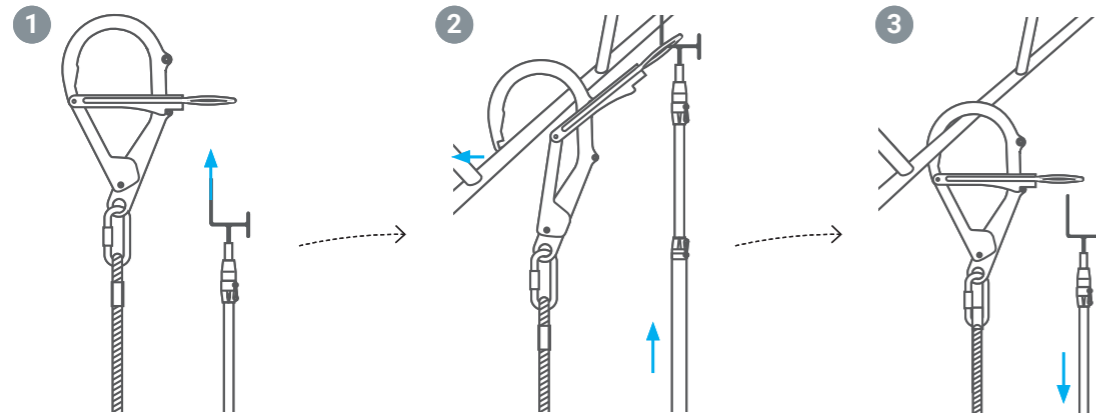
WORKING HOOKS

The operating hook is an element of the personal safety equipment protecting against falling and meets the requirements of the EN 795 standard – mobile anchorage equipment class B.

The operating hook can be used exclusively as personal protection equipment securing the operator against falling and cannot be used for cargo lifting. The device is made of galvanised steel. It has been designed for protecting one person.

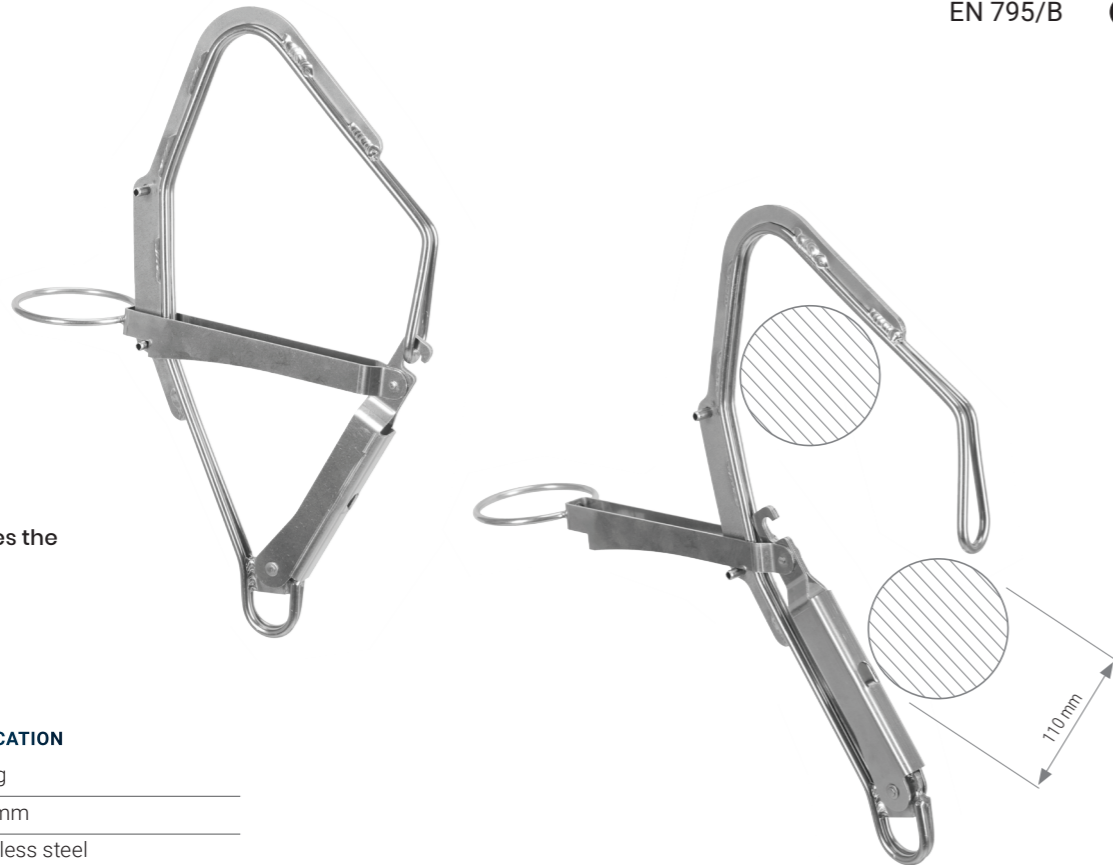
The max load that the device can transfer onto the construction within the operating time is 9 kN. It is the real strength that the anchorage point transfers onto the construction to which the anchorage is mounted during a possible fall. If the device is used as part of the fall protection system, the user must be equipped with an element limiting the maximum dynamic strength operating upon them during the fall prevention up to maximum 6kN.

HOW TO USE



DT 610 Large working hook

EN 795/B CE



Operation requires the rope installer:

- DT60101
- DT60102

TECHNICAL SPECIFICATION

Weight	800 g
Opening	110 mm
Material	stainless steel



DT 650 01 Small isolated working hook

EN 795/B CE



isolated

Operation requires the rope installer:

- DT60101
- DT60102

TECHNICAL SPECIFICATION

Weight	600 g
Opening	65 mm
Material	stainless steel, PVC



DT 650 02 Small uninsulated working hook

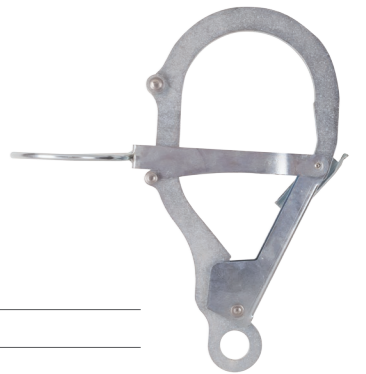
EN 795/B CE

Operation requires the rope installer:

- DT60101
- DT60102

TECHNICAL SPECIFICATION

Weight	500 g
Opening	65 mm
Material	stainless steel



DT 651 01 Large isolated working hook

EN 795/B CE



isolated

Operation requires the rope installer:

- DT60101
- DT60102

TECHNICAL SPECIFICATION

Weight	950 g
Opening	85 mm
Material	stainless steel, PVC



DT 651 02 Large uninsulated working hook

EN 795/B CE

Operation requires the rope installer:

- DT60101
- DT60102

TECHNICAL SPECIFICATION

Weight	900 g
Opening	85 mm
Material	stainless steel

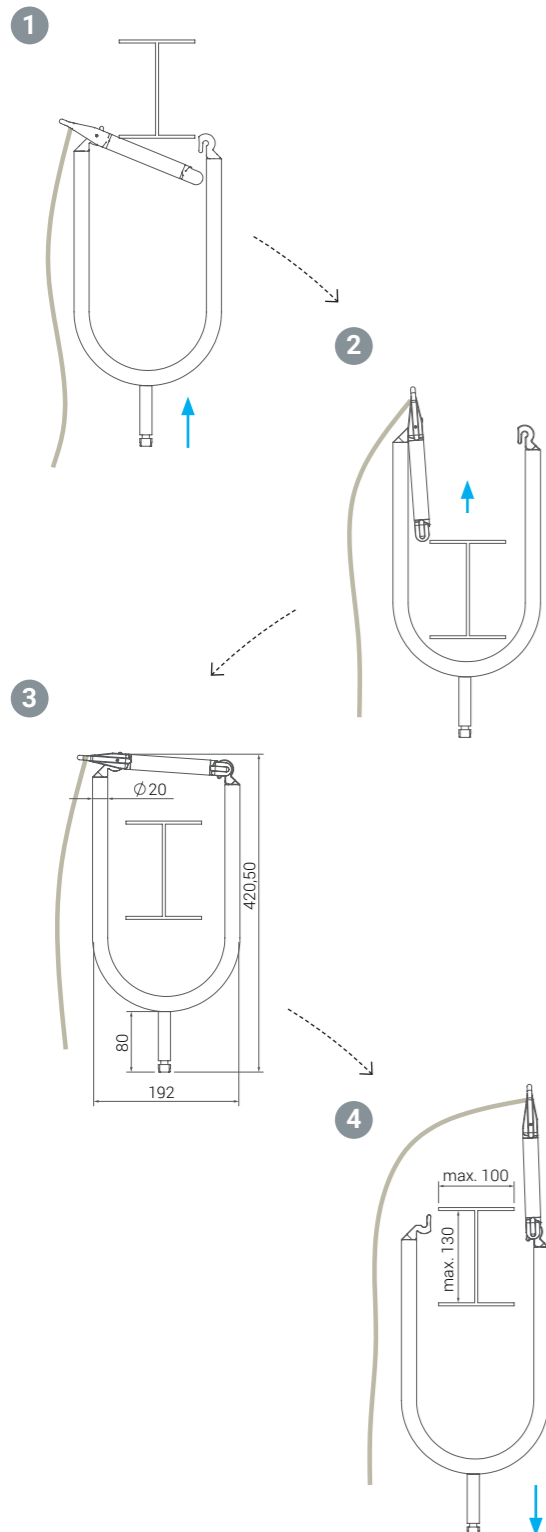


ROPE INSTALLERS

The DT 720 rope installer is used for mounting fixing ropes of protection devices on fixed structures, such as telecommunication poles, scaffoldings, crated structures, etc.

Operating the DT 720 ropes requires the use of a fastening rope with length equal to the doubled operating height and an additional auxiliary rope with the diameter of 6 - 10 mm for stretching the operating rope.

HOW TO USE



DT 720 01 Working rope installer

push-in UDI
isolated



- Compatible with:
- ☑ DT200UDI
 - ☑ DT201UDI
 - ☑ DT202UDI
 - ☑ DT203UDI
 - ☑ DT901
 - ☑ DT904
 - ☑ DT910
 - ☑ DT920
 - ☑ DT930
 - ☑ DT940
 - ☑ DT9110

TECHNICAL SPECIFICATION	
Weight	1300 g
Opening	100 mm
Material	stainless steel, PVC

DT 720 02 Working rope installer

push-in UDI



- Compatible with:
- ☑ DT200UDI
 - ☑ DT201UDI
 - ☑ DT202UDI
 - ☑ DT203UDI
 - ☑ DT901
 - ☑ DT904
 - ☑ DT910
 - ☑ DT920
 - ☑ DT930
 - ☑ DT940
 - ☑ DT9110

TECHNICAL SPECIFICATION	
Weight	1100 g
Opening	100 mm
Material	stainless steel

AT 191S Clamp rope for pole



Operation requires the rope installer:

- ☑ DT60101
- ☑ DT60102

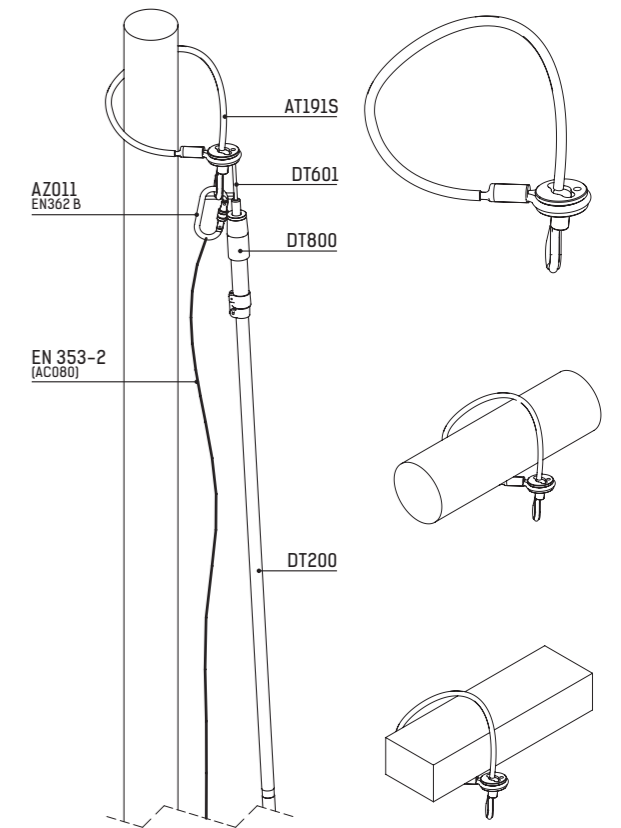
TECHNICAL SPECIFICATION	
Weight	600 g
Static strength	min. 20 kN
Material	stainless steel, copper, polyamide

DT 100 Auxiliary rope for rope installer



HOW TO USE

EN 795/B CE



Operation requires the rope installer:

- ☑ DT72001
- ☑ DT72002

TECHNICAL SPECIFICATION				
Rope diameter	8 mm	10,5 mm	12 mm	14 mm
Core	polyester			
Kernmantle	polyester			

DT 800 UDI HEAD



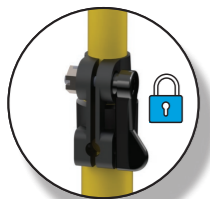
It enables to mount the operating tips, such as hooks or rope installers for screw-in mount poles.

The head is used for connecting the telescopic insulating poles not equipped with the UDI with devices that do require the UDI.

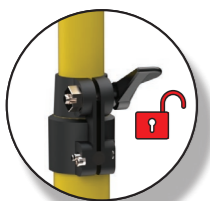
Because the poles have been designed for rated voltage of 110kV-440kV, depending on the size, and the head is the last element that has direct contact with live devices, it has been made of materials similar to those of the telescopic poles, and it assumes the rated voltage of the particular poles.

The DT800 head connected with the DT200, DT201, DT202 or DT203 poles, is used for operating electromagnetic devices of low, medium and high voltage. The unit is used for electric shock protection by means of isolating the operator from the live electromagnetic devices. The unit is made of an epoxy glass tube filled with polyurethane foam, ensuring high impact and electric strength.

HOW TO USE

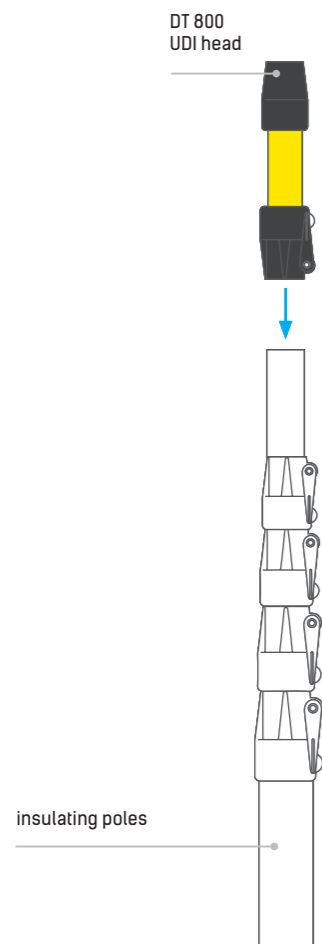


LOCKING
LEVERS CLAMP
CLOSED



LOCK
RELEASED

DT 800
UDI head



insulating poles



isolated

Compatible
with:

- ⊙ DT200
- ⊙ DT201
- ⊙ DT202
- ⊙ DT203

TECHNICAL SPECIFICATION

Weight	200 g
Dimensions	39 x 212 mm
Material	glass fiber, polyamide

MAX RATED VOLTAGE [KV] OF THE OPERATED DEVICE.

POLE TYPE	max. kV
DT800+DT200	440
DT800+DT201	220
DT800+DT202	110
DT800+DT203	440



**Possibility
of push-in
mounting of
accessories:**

- ⊙ DT500
- ⊙ DT60001
- ⊙ DT60002
- ⊙ DT60101
- ⊙ DT60102
- ⊙ DT72001
- ⊙ DT72002

insulating poles



push-in
UDI

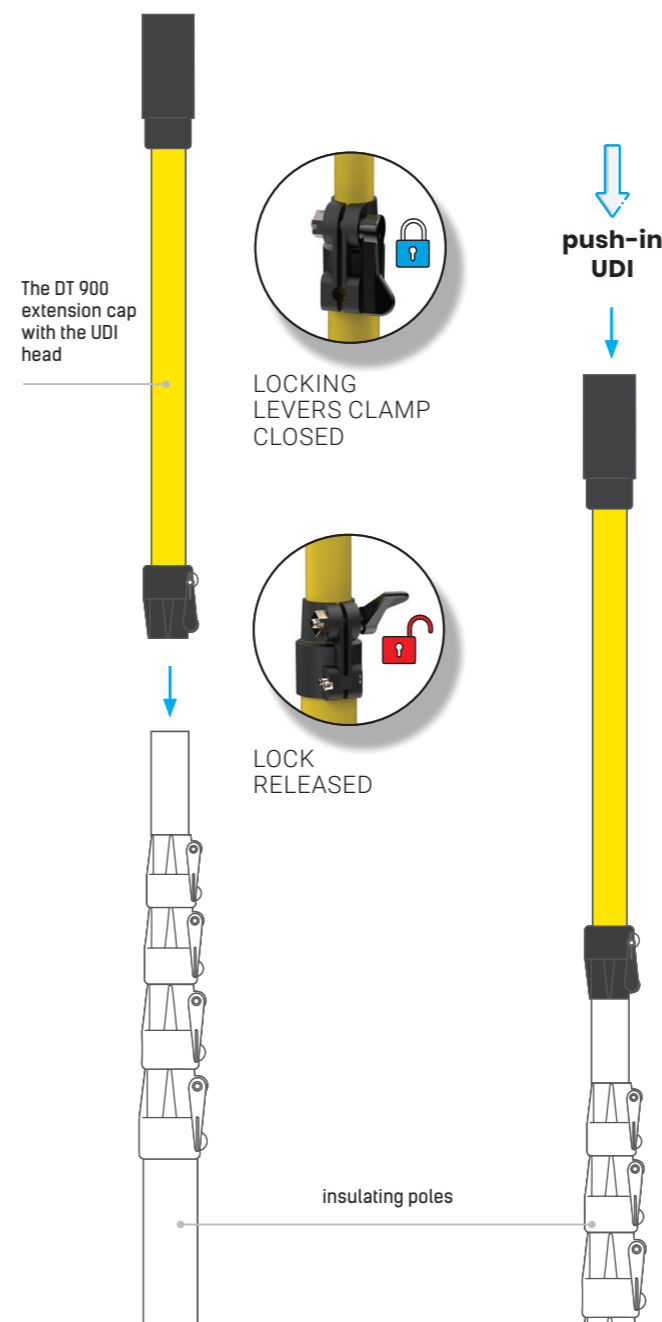


DT 900 EXTENSION CAP WITH UDI HEAD



It enables to mount the operating tips, such as hooks or rope installers for screw-in mount poles.

HOW TO USE



The DT 900
extension cap
with the UDI
head

LOCKING
LEVERS CLAMP
CLOSED

LOCK
RELEASED

push-in
UDI



isolated

Compatible
with:

- ⊙ DT200
- ⊙ DT201
- ⊙ DT202
- ⊙ DT203

TECHNICAL SPECIFICATION

Weight	450 g
Dimensions	39 x 1032 mm
Material	glass fiber, polyamide



**Possibility
of push-in
mounting of
accessories:**

- ⊙ DT500
- ⊙ DT60001
- ⊙ DT60002
- ⊙ DT60101
- ⊙ DT60102
- ⊙ DT72001
- ⊙ DT72002

MAX RATED VOLTAGE [KV] OF THE OPERATED DEVICE.

POLE TYPE	max. kV
DT900+DT200	440
DT900+DT201	220
DT900+DT202	110
DT900+DT203	440



Catalogues 2022/23

SCAN THE QR CODE
AND VIEW THE CATALOGUES

PROTEKT
MANUFACTURER OF FALL PROTECTION EQUIPMENT

PERSONAL PROTECTIVE EQUIPMENT

1

- Fall protection kits
- Full body harnesses, protective clothing
- Energy absorbers and lanyards
- Guided type and retractable type fall arresters
- Connectors
- Industrial safety helmets, eye and hearing protection
- Ropes
- Rope edge guards and rope sleeves
- Working rope installation equipment
- Work positioning belts and devices
- Pole climbers and tree climbing spikes
- Anchor points and devices
- Ladders, scaffolds and platforms
- Lifting and descending devices
- Ground tents, screens and safety barriers
- Additional accessories

2022/23



PROTEKT
MANUFACTURER OF FALL PROTECTION EQUIPMENT

SAFETY TRIPODS AND WINCHES

2

- Personal tripods
- Material tripods
- Personal and material combo tripods
- Tripod sets

2022/23




PROTEKT
MANUFACTURER OF FALL PROTECTION EQUIPMENT

PERMANENT ANCHORAGE SYSTEMS

3

- Permanent anchor points
- Anchor posts
- Horizontal line systems
- Horizontal rail systems
- Vertical line systems
- Vertical rail systems
- Safety ladders
- Safety barriers
- Skylight security system
- Rescue devices & lifting devices
- Mobile man anchor

2022/23




PROTEKT
MANUFACTURER OF FALL PROTECTION EQUIPMENT

LIGHTWEIGHT PORTABLE GANTRIES

4

- Compact gantries
- Standard gantries
- Lifting beams
- Sleeps

2022/23



PROTEKT
MANUFACTURER OF FALL PROTECTION EQUIPMENT


ARBORISTS EQUIPMENT

5

TreeUP

- Harness for arborists
- Safety harness
- Warning vest
- Tree climbing spikes and spare parts
- Work positioning device
- Tool straps
- Lifting and lowering device
- Pulleys and pulleys block
- Carabiners
- Telescopic poles
- Ropes
- Prusiks
- Accessories
- Arborist's trolleys

2022/23




PROTEKT
MANUFACTURER OF FALL PROTECTION EQUIPMENT

FIRE-FIGHTING AND RESCUE EQUIPMENT

6

- Fireman belts
- Rope ladders and fire-fighter's rescue ropes
- Carabiners
- Work ropes and work positioning lanyards
- Full body harnesses
- Rescue equipment
- Ground tents, screens and safety barriers
- Stretchers and accessories
- Water tanks
- Additional accessories

2022/23



PROTEKT
MANUFACTURER OF FALL PROTECTION EQUIPMENT

TOOL LANYARDS AND BAGS

7

GET BAG

- Transport sacks
- Transport backpacks
- Transport bags
- Tool and transport bucket
- Equipment covers bags
- Arborist baskets
- Transport sacks Dry Bag
- Tool lanyards
- Tool bags and belts

2022/23




PROTEKT
MANUFACTURER OF FALL PROTECTION EQUIPMENT

MOBILE FALL PROTECTION WORK STATIONS

8

- Mobile anchor rail
- Rotary arm
- Mobile platforms
- Mobile aluminium cranes
- Safety horizontal webbing
- Anchor points type B
- Anchor beams
- Anchor systems type C

2022/23



PROTEKT
MANUFACTURER OF FALL PROTECTION EQUIPMENT

INDUSTRIAL PROTECTIVE HELMETS

9

ATRA

- Industrial safety helmet
- Face shields and hearing protectors
- Thermal Safety Helmet Liners

2022/23



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SCAN ME



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