



We can deliver complete set with foot capacitance, head capacitance and wirings to your own specifications. Please consult us.



INTEGRATED VOLTAGE PRESENCE INDICATING SYSTEM (V.P.I.S)

Indicates the voltage presence on M.V. cubicles by being installed on the capacitive dividers. Voltage of use behind capacitive dividers: 1 000 V (between phase and neutral). Light threshold: 90 V. Signaling: 3 neons. Attachment: male/female plugs. Sound phase comparator. **MX-404**.

Reference	Characteristics	 (mm)	 kg
		Dimensions	Weight
CL-495-3	Delivered complete with connector assembly	130 x 30	0.85



ALL ORDERS MUST BE VALIDATED BY CATU.

IEC 62271-206



INTEGRATED VOLTAGE DETECTING SYSTEM (V.D.S)

Indicates the voltage presence on M.V. cubicles by being installed on the capacitive dividers. Voltage of use behind capacitive dividers: 1 000 V (between phase and earth). Light threshold: 70/90 V. Input impedance: 36 MΩ. Signalling by 3 red diodes. Sound phase comparator.

Reference	Characteristics	 (mm)	 kg
		Dimensions	Weight
CL-497-00	Delivered complete with connector assembly	146 x 30	0.90



ALL ORDERS MUST BE VALIDATED BY CATU.

IEC 61958 



SOUND PHASE COMPARATOR***

The MX-404 sound phase comparator checks the concordance between 2 phases. The comparator's operation is indicated by: Emission of an audible signal when there is discrepancy between the two phases. Absence of an audible signal when there is no discrepancy between the two phases. Power supply: 9 V type 6LR battery.

Reference	Characteristics	 (mm)	 kg
		Dimensions	Weight
MX-404 ***	Delivered with case	145 x 80	0.90

*** This comparator does not work on Schneider electric cells V2 type.

ALL ORDERS MUST BE VALIDATED BY CATU.



THORNE & DERRICK
INTERNATIONAL

Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com

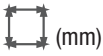





INTERFACE FOR INTEGRATED VOLTAGE DETECTING SYSTEM (V.D.S)

*IEC 61243-5

Indicates the voltage presence on M.V cubicles by being installed on the capacitive dividers. For High impedance detecting systems Input impedance: 36/43 MV. Voltage indication by 4 mm standard sockets on the front of the indicator. Voltage indicator by 4 mm standard socket at first glance.

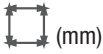
Reference	Characteristics	 (mm)	
		Dimensions	Weight
CL-498-00*	Delivered with connection set	145 x 30	0.90

ALL ORDERS MUST BE VALIDATED BY CATU.



SEPARABLE VOLTAGE DETECTING SYSTEM (V.D.S)

This device enables to check the absence or presence of voltage on three phases (L1, L2, L3). HR high impedance. Voltage max: 1 080 V rms. 50/60 Hz. Voltage presence: RED flashing LED > 1 Hz. Fits in CL-498 devices.


Reference	Characteristics	 (mm)
		Dimensions
CL-499/101	Delivered in plastic bag	145 x 30

ALL ORDERS MUST BE VALIDATED BY CATU.



VOLTAGE TESTER FOR M.V. SEPARABLE CONNECTORS 10-36 KV

Checks the absence of voltage on the capacitive terminals of plug-in M.V. bushings. Sensor in the form of a bent finger enabling removal and reinstallation of the terminal insulating cover. For a nominal voltage from 10 to 30 kV or from 3 to 36 kV (depends on model). Signal via beeping and bright red flashing of electro-luminescent diodes. Built-in function test via the «TEST» button which covers the entire device. Permanent stand-by state. Power supply: four 1.5 V, R-6 batteries. Recommended insulating stick : CC-45-K.

Reference	Characteristics	
		Weight
CC-161-K	For 10 to 30 kV networks	0.82
CC-162-K	For 3 to 36 kV networks	0.82
CC-45-K	Insulating stick 45 kV with universal end. Length 1.25 m	0.6

SPS EDF n° 42

EMC Directive n°2014/30/UE





LIFE SAVING KITS FOR M.V. SUBSTATIONS

Complete equipment allowing intervention on victims in case of an electrical hazard. Delivered in a plastic box with transparent cover for immediate visualization of contents and wall mounting kit.

Composition :

- Insulated cable cutter. Forged steel blades. Maximum opening 30 mm. (CZ-60)
- Insulating platform 24 or 36 kV. (CT-7-25/1)
- Rescue telescopic stick. (M952160)
- Voltage detector with flexible antenna contact (with autotest). (M952170)
- Safety instructions on the plastic board. (CG-3-10-NR/CZ-54)
- High voltage insulating gloves, talcum powder can. (CG-4-10-NR/CZ-55) - (CG-3-10-NR/CZ-54)
- Insulating boots. (MV-137-45)
- Wall mounted cabinet.

Reference	Characteristics	lcc (kV)	(mm)	kg
			Dimension	Weight
CZ-54	English instructions	24	840 x 754 x 270	21
CZ-54-FM	English/Arabic instructions	24	840 x 754 x 270	21
CZ-55	English instructions	36	840 x 754 x 270	21
CZ-55-FM	English/Arabic instructions	36	840 x 754 x 270	21
Pour versions avec affiches dans d'autres langues, nous consulter.				

BENEFITS

- Emergency supplies at your fingertips.
- Protection against dust and shock.

INSULATED CABLE CUTTER

Insulated handles 25 kV. Maxi cable : 30 mm. Section $\approx 150 \text{ mm}^2$. Maximum opening: 30 mm.

Reference	↔	kg
	(m)	Weight
CZ-60	0.63	2.2



INFO

In case of an electrical accident, quick action is essential: by saving seconds, you get more chance to save life. Our life saving equipment is designed to make all necessary equipment immediately available to rescue people.







COMPACT CARRYING KIT

This compact kit is designed especially to be carried in a vehicle for safety electrical intervention. Made of two parts of moulded material (PEHD), the red case cover is also an insulating platform.

Composition :

- Insulated cutter cable.
- Adhesive tape (black and yellow). L = 100 m.
- Telescopic insulating stick. L = 1.5 m.
- Talcum powder can.
- Pair of insulating boots.
- Voltage detector with autotest. Rescue hook. (127 V - 90 kV alternatif)
- Pair of insulating gloves with reinforced carrying bag.
- Safety instructions and safety first aid posters.
- Insulating platform.

Reference	Characteristics	Icc (kV)	 (mm)	
			Dimension	Weight
CZ-53-R	With instructions in English	25 kV	710 x 570 x 240	21
CZ-53-MR	With instructions in English/Arabic	25 kV	710 x 570 x 240	21
CZ-53-R/2	With instructions in English	36 kV		
CZ-53-MR/2	With instructions in English/Arabic	36 kV		

BENEFITS

- Stability of the suitcase when stored vertically or horizontally.



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com

