

Voltage detectors

Designed to give users maximum safety, the DETEX detectors of the CC-245 Series are the result of the most modern developments in electronic research. They offer a number of important properties and advantages.

Double signalling

Voltage presence indicated at the same time by:

- 4 extremely bright red flashing electro-luminescent diodes (visible at more than 50 meters even in direct lighting),
- a powerful rated acoustic signal (60 dB/2 m).

Checking

Satisfactory operation of the unit is indicated:

- When pressing the test button, by:
 - the red diodes flashing,
 - the acoustic signal sounding.
- When releasing the TEST button, by:
 - timed green up diodes lighting.

As long as they light, the unit continues its self-testing and the detector is fully operational.

High specifications

- Detectors are adjusted, tested and controlled one by one.
- Remarkably resistant to impacts, vibrations, extreme temperatures, humidity and sudden changes in the atmosphere (condensation, freezing).

- Precise and stable operating threshold. **IEC-61243-1**
- Insensitivity to induced voltages by limiting the operating voltage range. **CE**
- Robust housing made from polycarbonate with high mechanical properties and dielectric strength.
- The contact electrodes are simply screwed to the housing and are therefore easily interchangeable.

Power supply

- One 9 V battery type 6 LR 61.

End fittings:

- "C" for hexagonal sticks.
- "K" for universal sticks.

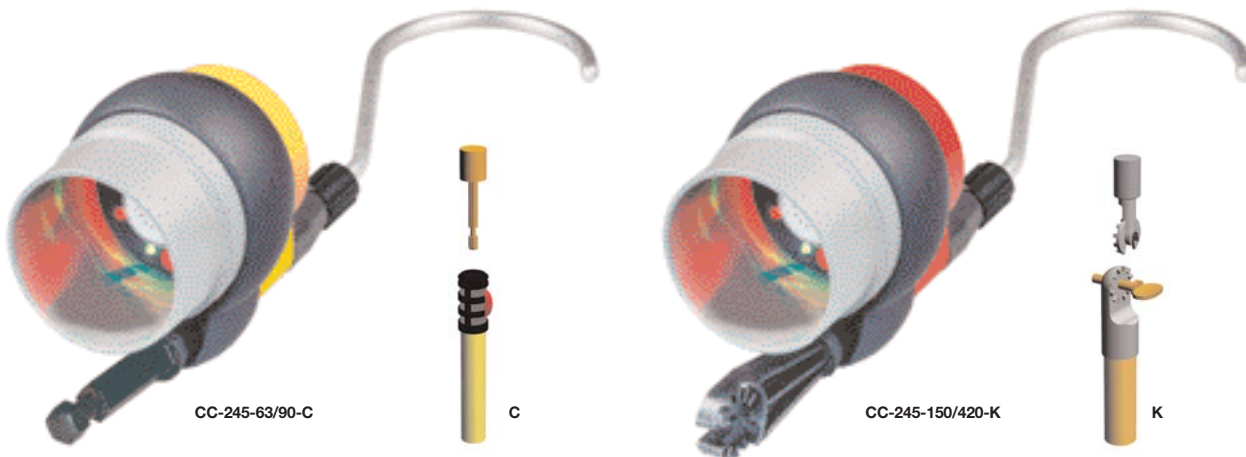
Weight

650 g (with battery).

Packaging

Units supplied complete with battery and electrode in a rigid synthetic case with handle.

- Recommended sticks: CM-4000 serie. See page 124.



Reference	Operating voltage (Ph/Ph-kV)	Contact electrode Ø mm	Body colour	Freq. (Hz)
FRENCH STANDARD NETWORKS				
CC-245-63/90...*	63-90	120	Yellow	50
CC-245-225/420...*	225-420	200	Red	50
British standard networks				
CC-245-66/132-K	66-132	200	Red	50
Other models				
CC-245-60/150-K	60-150	120	Red	50
CC-245-63/150-K	63-150	120	Red	50
CC-245-90/225-K	90-225	120	Red	50
CC-245-150/420-K	150-420	200	Red	50
CC-245-225/550-K	225-550	200	Red	50

* Please specify type of mounting when ordering: C or K.

For other voltages, or 60 Hz Frequency detectors (CC-246 Serie) please consult us.

Insulating sticks for short-circuiting and earthing systems

These 39 mm dia. elements are assembled using a new safety bayonet system connector in aluminium alloy. They allow construction of a large variety of custom made sticks that meet the most varied conditions of application. Calibrated lengths of 1 to 3 meters (with fraction of 0.50 m) permit a huge number of applications.

This range thus allows a stick-length limitation in case of space requirements and carrying capabilities.

IEC-60855 

For common applications a serie of complete sets including 2 or 3 elements are made to give simple solutions for working distance from 2 to 6 meters.

Reference	Complete stick length (m)•	Complete stick length (m)••	Insulating length (m)	Weight (kg)
Basic elements				
CM-4610	1.13		0.08	1.35
CM-4615	1.63		0.33	1.80
CM-4620	2.13		0.33	2.80
CM-4625	2.63		0.83	3.30
Intermediate elements				
CM-4610-I	1.165		0.8	1.30
CM-4615-I	1.665		1.3	1.70
CM-4620-I	2.165		1.8	2.60
CM-4625-I	2.665		2.3	3.10
Terminal elements				
CM-4610-*	1.115	1.21	0.78	1.00
CM-4615-*	1.615	1.71	1.28	1.40
CM-4620-*	2.115	2.21	1.78	2.20
CM-4625-*	2.615	2.71	2.28	2.70
Fixed length sticks				
CM-4115-*	1.575	1.675	0.82	1.35
CM-4120-*	2.075	2.175	1.07	1.80
CM-4125-*	2.575	2.675	1.32	2.80
CM-4130-*	3.075	3.175	1.82	3.30
Intermediate elements with rain skirts				
CM-3900-J	0.36			0.95

* Add end piece C, K, E.

• With the smallest end fitting.
•• With the biggest end fitting.

Set of sticks

Complete sets of sticks for standard applications. IEC-60855 

Reference	Working distance (m)	Composition
CM-4220*	2	2 elements: CM-4610+CM-4610-*
CM-4230*	3	2 elements: CM-4615+CM-4615-*
CM-4240*	4	2 elements: CM-4620+CM-4620-*
CM-4345*	4.5	3 elements: CM-4615+CM-4615-I+CM-4615-*
CM-4360*	6	3 elements: CM-4620+CM-4620-I+CM-4620-*

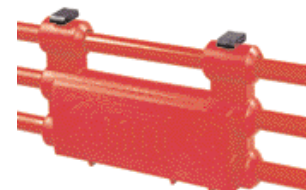
* Add end piece C, K, E.

For cables < 95 mm² CM-4000 serie is recommended.



Carrying and storage stick case

Case especially designed for Ø 39 mm new range sticks. Carrying capacity: 3 elements.



CM-3000 480 x 330 x 120 mm - Weight: 1.2 kg