SINGLE OR THREE PHASE ASSEMBLY FOR OUTDOOR USE CME SERIES

CME III / I

- ***Outdoor***
- ***Combined CT and VT***

Single or three phase assembly made of respectively 1 voltage transformer and 1 current transformer, or 3 voltage transformers and 3 current transformers.

For measuring AC voltages between phases or phase to earth, and for AC currents from 0 to 2 500 A, up to 52 000 /√3 V.

Delivered mounted on a metal platform, they are equipped with secondary wiring for direct connexion to the switchboard terminals.

The anti-explosion system exclusively deals with secondary fault (short-circuit, maintained overload...). Under no circumstances it can handle a primary fault (overvoltage, ferroresonance, lightning, switching...)
This system must be associated with a cut-off relay. Maintaining feeding of VT would result in its destruction.

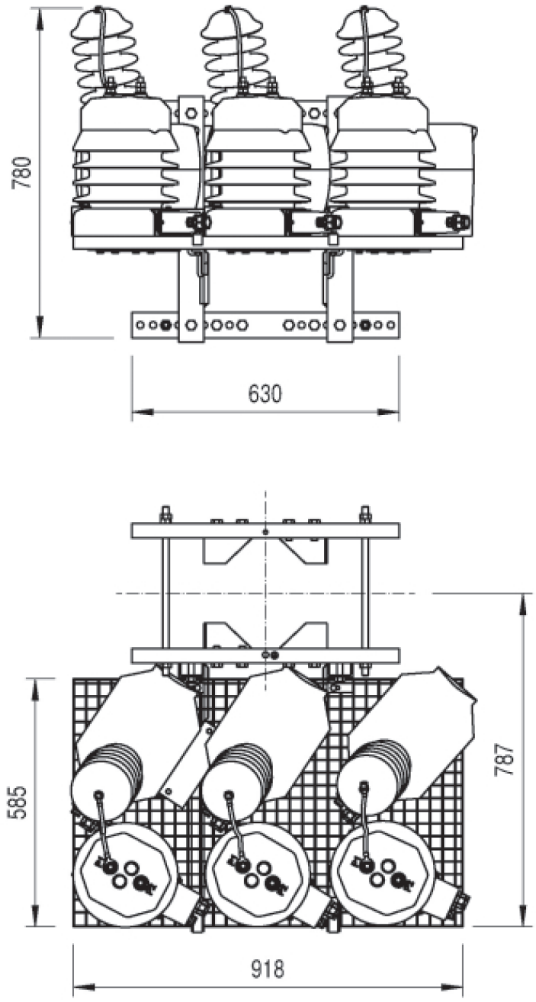
Technical data

Highest voltage for equipment	7.2/20/60 kV up to 52/95/250 kV
Primary current Ipn	Up to 2 500A
Secondary current Isn	5 or 1 A
Primary voltage Upn	Up to 52 000/√3 V
Secondary voltage Usn	100/√3 - 110/√3 - 120/√3 - 220/√3 V
Continuous thermal current	1.2 Ipn
Short-time thermal current Ith	80 Ipn .1s
Dynamic current Idyn	2.5 Ith
Surface finish	Polyurethane coating
Insulation class	F
Ambient temperature	- 5°C to + 40°C
Standards	IEC - IEEE - CSA - AS - BS - UNE

Other characteristics on request

Resistor for antiferroresonnance	Option
Surface finish	Silicone coating / metallized
Anti-explosion system	Option
Cables for secondary connexions	According to customer requirement
Ambient temperature	- 25°C to + 70°C
Fixing	Any type of post

Example for 24 kV configuration CM III I:



Installation

- Specification of customer requirements in terms of platform fixing (type of post, material, height, etc...)