

DATA SHEET

Reference : **MU PE 100**
Code : **30105**

SINGLE POLE HEAVY DUTY SPARK GAP ARRESTER FOR POWERLINE COMING FROM OUTDOOR TRANSFORMER

(To be mounted between neutral and ground in TT nets)

CE Marking

Comply with the european standard 89/336/CEE

GENERAL CHARACTERISTICS /OPERATION

- ❖ This arrester of high discharge capacity features a spark gap device which can discharge to ground lightning shocks even in case of direct strike.
- ❖ It must be installed on the secondary of the distribution transformer between neutral and ground in TT nets.
- ❖ Its high insulation resistance makes possible its installation upstream the general breaker.
- ❖ For outdoor use, it must be mounted in waterproof boxes.
- ❖ Its use is particularly recommended on powerlines non-equipped with medium voltage arresters.



ELECTRICAL CHARACTERISTICS

	Units	MU PE 100
❖ Standard operation voltage	V~	230
❖ Maximum operation voltage	V~	255
❖ Discharge capacity (10 x 350 μ s)	kA	100
❖ Protection level	kV	< 4
❖ Response time	ns	< 100
❖ Insulation resistance	M Ω	> 10 ³
❖ Temperature of operation	- 40° C / +80° C	

MECHANICAL CHARACTERISTICS

- ❖ Reinforced thermoplastic box for mounting on symmetrical 35 mm DIN rail
- ❖ Connection by cage terminal 50 mm² max
- ❖ Dimensions of the box : (HxDxW) 90 x 58 x 36 mm
- ❖ Weight : 235 g

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