

DATA SHEET

Reference :

MU 75

Code :

MU 75-255 : 30079

MU 75-440 : 30188

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

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.
- ❖ Its must be installed on the secondary of the distribution transformer between phase poles and ground.
- ❖ 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 75-255	MU 75-440
❖ Standard operation voltage	V~	230	380
❖ Maximum operation voltage	V~	255	440
❖ Discharge capacity (10 x 350 µs) 1-pole	kA	75	75
❖ Discharge capacity (10 x 350 µs) 2 poles or more	kA	100	100
❖ Protection level	kV	< 3,5	< 3,5
❖ Response time	ns	< 100	< 100
❖ Fuse to mount upstream	AgL	250	63
❖ Resistance to short circuit with upstream fuse	kA	50	25
❖ Insulation resistance	MΩ	> 10 ³	> 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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