

# DATA SHEET

Reference :

**MU 100-4-230 TT**

**MU 40-4-230-TT**

**MU 40-4-500-TT**

class B arrester

class C arrester

class C arrester

Code :

30203

30202

30216

## MODULAR 4-POLE ARRESTERS FOR 5-CONDUCTOR SYSTEMS ( NEUTRAL CONDUCTOR (N) SEPARATED FROM PROTECTIVE CONDUCTOR (PE) )

### CE Marking

*Comply with :* the european standard 89/336/CEE - VDE E 0675 T6, A1 and A2 - VDE 0100 part 543/A1 - IEC 99.1

### TECHNICAL CHARACTERISTICS

	class B arrester MU 100-4-230-TT	class C arrester MU 40-4-230-TT	class C arrester MU 40-4-500-TT
<b><u>1 - For L-N arresters</u></b>			
- Standard line voltage	230 V~	230 V~	500 V~
- Maximum line voltage	275 V~	275 V~	550 V~
- Standard discharge capacity (10x350µs)	25 kA	/	/
- Standard discharge capacity (8x20µs)	/	15 kA	15 kA
- Maximum discharge capacity (8x20µs)	/	40 kA	40 kA
- Protection level (8x80µs)/ (8/20µs)	2 kV	1,3 kV	2,5 kV
- Response time	≤ 25 ns	≤ 25 ns	≤ 25 ns
- Voltage dropping fuse (max)	160 AgL	100 AgL	100 AgL
- Colour	black - RAL 9005	grey - RAL 7035	grey - RAL 7035
- Connection by cage terminal	4 - 25 mm <sup>2</sup>	4 - 25 mm <sup>2</sup>	4 - 25 mm <sup>2</sup>
- Temperature of operation	- 20 °C to + 60°C	- 20 °C to + 60°C	- 20 °C to + 60°C
<b><u>2 - For N-PE arrester</u></b>			
- Maximum line voltage	250 V	250 V	250 V
- Standard discharge capacity (10x350µs)	20 kA	/	/
- Standard discharge capacity (8x20µs)	/	20 kA	20 kA
- Response time	100 ns	100 ns	100 ns
- Colour	green - RAL 6018	green - RAL 6018	green - RAL 6018
- Dimensions	W x H x D : 71,5 x 90 x 55 mm		
- Weight	480 g	325 g	325 g

**NOTE :** Each L-N arrester can be equipped with change over contacts for remote failure indication ( add TS to the reference ie, MU 40-4-230-TT-TS; MU 100-4-230-TT-TS).

- Maximum line voltage : 250 V~.
- Maximum line current : 1,5 A.
- Connection by screw : 1,5 mm<sup>2</sup> max.

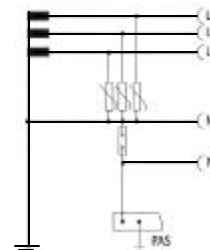
Electrical characteristics of change over contacts



**MU 100-4-230-TT**



**MU 40-4-230-TT-TS**



**Electrical drawing of**