

General Characteristics

The DM...TA type current transformers (CTs) are installed in an electrical system to reduce the line current to a secondary value of 5A compatible with the ammeter inputs of digital multimeters or protection relays. DM...TA are instrument transformers in class 0.5/1 without a primary winding and are normally used for high primary current values starting from 250A.

Operational characteristics

- Operating frequency: 50-60Hz
- Secondary output current: 5A
- Overload withstand 120% I_{pn}
- Screw terminals
- Sealable terminal covers
- Screw fixing (fixing elements supplied with the product)



DM1TA ...



DM2TA ...



DM3TA ...



DM4TA ...

Order Code	Primary Current I _{pn} /5 (A)	Burden		Qty per pkg No.	Weight (kg)
		Cl. 0.5 (VA)	Cl. 1 (VA)		

50 x 80 mm hole

DM1TA 0250	250	1	2	1	0.9
DM1TA 0300	300	1.5	3	1	0.9
DM1TA 0400	400	1.5	3	1	0.9
DM1TA 0500	500	2.5	5	1	0.9
DM1TA 0600	600	2.5	5	1	0.9
DM1TA 0800	800	3	7.5	1	0.9
DM1TA 1000	1000	5	10	1	0.9

80 x 80 mm hole

DM2TA 0250	250	1	2	1	1.05
DM2TA 0300	300	1.5	3	1	1.05
DM2TA 0400	400	1.5	3	1	1.05
DM2TA 0500	500	2.5	5	1	1.05
DM2TA 0600	600	2.5	5	1	1.05
DM2TA 0800	800	3	7.5	1	1.05
DM2TA 1000	1000	5	10	1	1.05

80 x 120 mm hole

DM3TA 0500	500	-	4	1	1.25
DM3TA 0600	600	-	5	1	1.25
DM3TA 0800	800	3	7.5	1	1.25
DM3TA 1000	1000	5	10	1	1.25
DM3TA 1250	1250	7.5	15	1	1.25
DM3TA 1500	1000	8	17	1	1.25

80 x 160 mm hole

DM4TA 2000	2000	15	20	1	3.16
DM4TA 2500	2500	15	20	1	3.34
DM4TA 3000	3000	20	25	1	3.5
DM4TA 4000	4000	20	25	1	3.76