

Solid-core



DM0T...



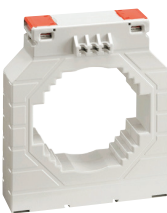
DM2T...



DM3T...



DM35T...



DM4T...

Order code	Primary current I _{pn}	Burden		Qty per pkg.	Weight [kg]
		cl. 0,5 [VA]	cl. 1 [VA]		
For Ø22mm/0.87" cable.					
DM0T 0050	50	—	1.25	1	0.200
DM0T 0060	60	—	1.5	1	0.200
DM0T 0080	80	—	1.5	1	0.200
DM0T 0100	100	—	1.5	1	0.200
DM0T 0150	150	—	2	1	0.200

Order code	Primary current I _{pn}	Burden		Qty per pkg.	Weight [kg]
		cl. 0,5 [VA]	cl. 1 [VA]		
For Ø23mm/0.90" cable. For 30x10mm/1.18x0.39", 25x12.5mm/0.98x0.49", 20x15mm/0.79x0.59" busbars.					
DM2T 0100	100	—	1	1	0.130
DM2T 0150	150	—	1.5	1	0.130
DM2T 0200	200	—	2	1	0.130
DM2T 0250	250	—	2.5	1	0.130
DM2T 0300	300	1.5	3	1	0.130
DM2T 0400	400	2	3	1	0.130

Order code	Primary current I _{pn}	Burden		Qty per pkg.	Weight [kg]
		cl. 0,5 [VA]	cl. 1 [VA]		
For Ø30mm/1.18" cable. For 40x10mm/1.57x0.39", 30x20mm/1.18x0.79", 25x25mm/0.98x0.98" busbars.					
DM3T 0200	200	—	5	1	0.260
DM3T 0250	250	—	5	1	0.260
DM3T 0300	300	2.5	5	1	0.260
DM3T 0400	400	2.5	5	1	0.260
DM3T 0500	500	2.5	5	1	0.260
DM3T 0600	600	5	10	1	0.260
DM3T 0800	800	5	10	1	0.260

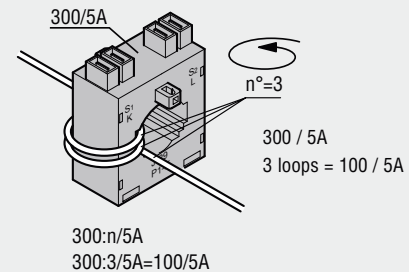
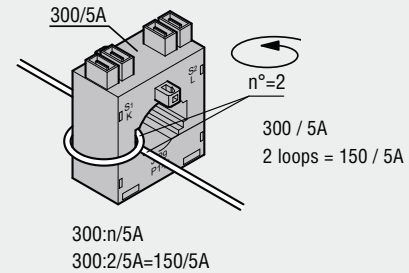
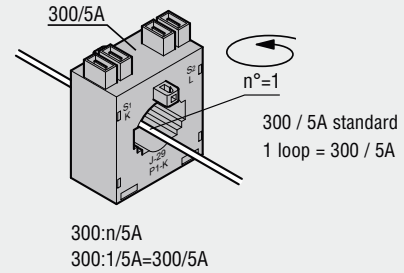
Order code	Primary current I _{pn}	Burden		Qty per pkg.	Weight [kg]
		cl. 0,5 [VA]	cl. 1 [VA]		
For Ø66mm/2.60" cable. For 80x12.5mm/3.15"x0.49", 60x30mm/2.36x1.18", 50x50mm/1.97x1.97" busbars.					
DM35T 0800	800	10	15	1	0.460
DM35T 1000	1000	15	20	1	0.460
DM35T 1250	1250	15	20	1	0.460

Order code	Primary current I _{pn}	Burden		Qty per pkg.	Weight [kg]
		cl. 0,5 [VA]	cl. 1 [VA]		
For Ø86mm/3.38" cable. For 100x30mm/3.94x1.18", 80x50mm/3.15x1.97", 70x60mm/2.75x2.36" busbars.					
DM4T 1000	1000	10	20	1	0.700
DM4T 1250	1250	15	30	1	0.760
DM4T 1500	1500	20	30	1	0.760
DM4T 1600	1600	20	30	1	0.800
DM4T 2000	2000	30	45	1	0.840
DM4T 2500	2500	35	45	1	0.900
DM4T 3000	3000	45	45	1	0.900
DM4T 3500	3500	50	50	1	0.900
DM4T 4000	4000	50	50	1	0.900

new

General characteristics

The instrument transformers (CTs) in the DM series are installed in an electrical system to reduce the line current to a secondary value of 5A compatible with the ammeter inputs of the digital multimeters or protection relays. DM... are instrument transformers in class 1/0.5 without a primary winding and are normally used for high primary current values starting from 50A. The number of loops of the primary cable does not modify the accuracy but converts the primary current value proportional to secondary current.



Operational characteristics

- Operating frequency: 50-60Hz
- Secondary output current: 5A
- Overload withstand: 120% I_{pn}
- IEC rated insulation voltage U_i: 720V
- IEC rated short-time thermal current I_{th}: 40-60 I_{pn} for 1 second
- IEC rated dynamic current I_{dyn}: 2.5 I_{th} for 1 second
- Insulation (dry type): Class E
- Terminals:
 - Faston for DM2T and DM3T types
 - Screw for DM0T, DM4T and DM5T types
- Sealable terminal covers for DM0T, DM4T and DM35T types
- Fixing on 35mm DIN rail (IEC/EN 60715) or by screws (fixing elements standard supplied with the product)
- IEC degree of protection: IP30
- Ambient conditions
 - Operating temperature: -25 ... +50°C
 - Storage temperature: -40 ... +80°C
 - Relative humidity, non condensing: 90%.

Reference standards

Compliant with standards: IEC/EN 61869-2, IEC/EN 61869-1.