







Current transformers for low voltage network - MEASURE

Selection table

WINDING PRIMARY TRANSFORMERS												
												
Model	TAQ2M	TAQ2L	TAQ6M	TAQ6L	TAQ10	TAQ20						
Cat. Nos.	TAQ2M..	TAQ2L...	TAQ6M...	TAQ6L...	TAQC...	TAQD...						
Technical notes	NT881	NT882	NT883	NT884	NT728	NT729						
Width (mm)	56	56	56	56	85	110						
Height (mm)	80	80	80	80	102.5	140						
Primary current	VA		VA		VA		VA		VA		VA	
	cl. 0.5	cl. 1	cl 0.5	cl. 1	cl 0.5	cl. 1	cl 0.5	cl. 1	cl 0.5	cl. 1	cl 0.5	cl. 1
5A	2	4			6	7.5			10	15	20	40
10A	2	4			6	7.5			10	15	20	40
15A	2	4			6	7.5			10	15	20	40
20A	2	4			6	7.5			10	15	20	40
25A	2	4			6	7.5			10	15	20	40
30A	2	4			6	7.5			10	15	20	40
40A	2	4			6	7.5			10	15	20	40
50A			2	4			6	7.5	10	15	20	40
60A			2	4			6	7.5	10	15	20	40
70A									10	15	20	40
75A			2	4			6	7.5	10	15	20	40
80A			2	4			6	7.5	10	15	20	40
100A			2	4					10	15	20	40
120A									10	15	20	40
125A									10	15	20	40
150A									10	15	20	40
160A									10	15	20	40
200A									10	15	20	40
250A											20	40
300A											20	40
400A											20	40
500A											20	40
600A											20	40

Current transformers - MEASURE

Winding primary single-phase current transformer



TAQ2L - TAQ6L



TAQ2M - TAQ6M



TAQ10



TAQ20

Cat. Nos.		Primary current (A)	Accuracy class VA	
Isr 5A	Isr 1A		cl. 0.5	cl. 1
TAQ2M50A500	TAQ2M10A500	5A	2	4
TAQ2M50B100	TAQ2M10B100	10A	2	4
TAQ2M50B150	TAQ2M10B150	15A	2	4
TAQ2M50B200	TAQ2M10B200	20A	2	4
TAQ2M50B250	TAQ2M10B250	25A	2	4
TAQ2M50B300	TAQ2M10B300	30A	2	4
TAQ2M50B400	TAQ2M10B400	40A	2	4

Cat. Nos.		Primary current (A)	Accuracy class VA	
Isr 5A	Isr 1A		cl. 0.5	cl. 1
TAQ2L50B500	TAQ2L10B500	50A	2	4
TAQ2L50B600	TAQ2L10B600	60A	2	4
TAQ2L50B750	TAQ2L10B750	75A	2	4
TAQ2L50B800	TAQ2L10B800	80A	2	4
TAQ2L50C100	TAQ2L10C100	100A	2	4

Cat. Nos.		Primary current (A)	Accuracy class VA	
Isr 5A	Isr 1A		cl. 0.5	cl. 1
TAQ6M50A500	TAQ6M10A500	5A	6	7.5
TAQ6M50B100	TAQ6M10B100	10A	6	7.5
TAQ6M50B150	TAQ6M10B150	15A	6	7.5
TAQ6M50B200	TAQ6M10B200	20A	6	7.5
TAQ6M50B250	TAQ6M10B250	25A	6	7.5
TAQ6M50B300	TAQ6M10B300	30A	6	7.5
TAQ6M50B400	TAQ6M10B400	40A	6	7.5

Cat. Nos.		Primary current (A)	Accuracy class VA	
Isr 5A	Isr 1A		cl. 0.5	cl. 1
TAQ6L50B500	TAQ6L10B500	50A	6	7.5
TAQ6L50B600	TAQ6L10B600	60A	6	7.5
TAQ6L50B750	TAQ6L10B750	75A	6	7.5
TAQ6L50B800	TAQ6L10B800	80A	6	7.5

Cat. Nos.	Accessories
ATACOP13	Description Accessory sealable terminal cover for TAQ2M - TAQ2L - TAQ6M TAQ6L
ATACOP03	Accessory sealable terminal cover for TAQ10
ATACOP07	Accessory sealable terminal cover for TAQ20

Cat. Nos.		Primary current (A)	Accuracy class VA	
Isr 5A	Isr 1A		cl. 0.5	cl. 1
TAQC50A500	TAQC10A500	5A	10	15
TAQC50B100	TAQC10B100	10A	10	15
TAQC50B150	TAQC10B150	15A	10	15
TAQC50B200	TAQC10B200	20A	10	15
TAQC50B250	TAQC10B250	25A	10	15
TAQC50B300	TAQC10B300	30A	10	15
TAQC50B400	TAQC10B400	40A	10	15
TAQC50B500	TAQC10B500	50A	10	15
TAQC50B600	TAQC10B600	60A	10	15
TAQC50B700	TAQC10B700	70A	10	15
TAQC50B750	TAQC10B750	75A	10	15
TAQC50B800	TAQC10B800	80A	10	15
TAQC50C100	TAQC10C100	100A	10	15
TAQC50C120	TAQC10C120	120A	10	15
TAQC50C150	TAQC10C150	150A	10	15
TAQC50C200	TAQC10C200	200A	10	15
TAQC50C250	TAQC10C250	250A	10	15
TAQC50C300	TAQC10C300	300A	10	15

Cat. Nos.		Primary current (A)	Accuracy class VA	
Isr 5A	Isr 1A		cl. 0.5	cl. 1
TAQD50A500	TAQD10A500	5A	20	40
TAQD50B100	TAQD10B100	10A	20	40
TAQD50B150	TAQD10B150	15A	20	40
TAQD50B200	TAQD10B200	20A	20	40
TAQD50B250	TAQD10B250	25A	20	40
TAQD50B300	TAQD10B300	30A	20	40
TAQD50B400	TAQD10B400	40A	20	40
TAQD50B500	TAQD10B500	50A	20	40
TAQD50B600	TAQD10B600	60A	20	40
TAQD50B700	TAQD10B700	70A	20	40
TAQD50B750	TAQD10B750	75A	20	40
TAQD50B800	TAQD10B800	80A	20	40
TAQD50C100	TAQD10C100	100A	20	40
TAQD50C120	TAQD10C120	120A	20	40
TAQD50C150	TAQD10C150	150A	20	40
TAQD50C200	TAQD10C200	200A	20	40
TAQD50C250	TAQD10C250	250A	20	40
TAQD50C300	TAQD10C300	300A	20	40
TAQD50C400	TAQD10C400	400A	20	40
TAQD50C500	TAQD10C500	500A	20	40
TAQD50C600	TAQD10C600	600A	20	40

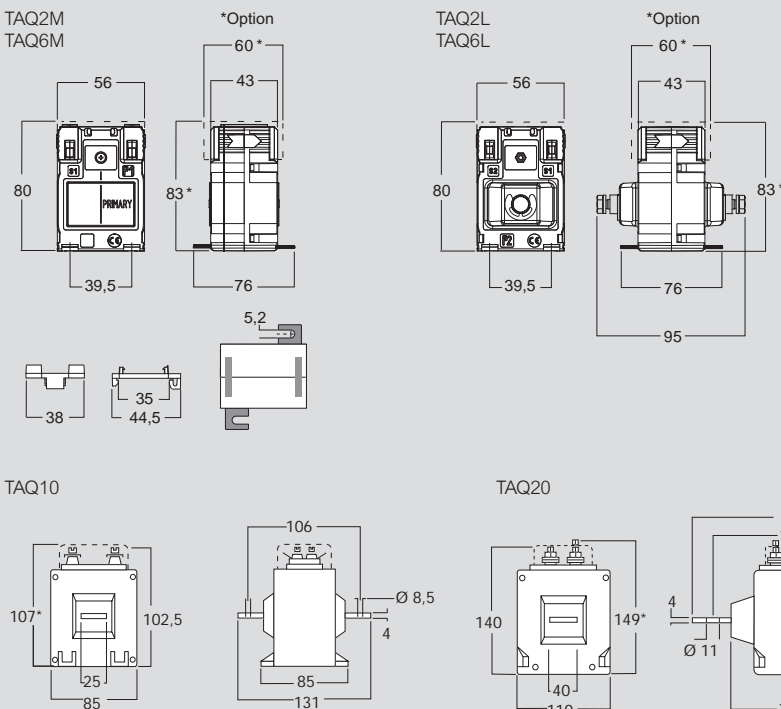
Current transformers - MEASURE

Winding primary single-phase current transformer

Technical features

MODEL	TAQ2M	TAQ6M	TAQ2L	TAQ6L	TAQ10	TAQ20
TECHNICAL NOTES	NT881	NT883	NT882	NT884	NT728	NT729
SPECIFICATIONS						
Reference specification	EN/IEC 61869-1, 61869-2					
Rated primary current I _{pr} :	5...40A	5...40A	50...100A	50...80A	5...300A	5...600A
Rated frequency:	50Hz					
Working frequency:	47...63Hz					
Rated continuous thermal current I _{cth} :	100% I _{pr}					
Rated short-time thermal current I _{th} :	< 60I _{pr}					
Rated dynamic current I _{dyn} :	2,5I _{th}					
Instrument security factor (FS):	≤ 5					
Rated secondary current I _{sr} :	5 - 1A					
Max. power dissipation	≤ 4.3W	≤ 4.3W	≤ 4.3W	≤ 4.3W	≤ 2.5W	≤ 2.5W
Allowed max cable or busbar temperature:	125°C					
INSULATION REQUIREMENTS						
Type	Dry transformer, air insulation					
Highest voltage for equipment U _m :	0.72kV r.m.s.					
Rated insulation level:	3kV r.m.s. 50Hz/1min					
Class of insulation (EN/IEC 61869-1, 61869-2):	B					
ENVIRONMENTAL CONDITIONS						
Nominal temperature range:	-25...50°C					
Limit temperature range for storage:	-40...85°C					
Relative humidity:	≤ 85%					
Suitable for tropical climates	yes					
CONNECTION						
Primary winding:	2 screw terminals (max. cable section 6mm ² , 10mm ² cable with lag)		Tightening by nut M6		built-in central bar (25x4mm)	built-in central bar (40x4mm)
Secondary winding	2 screw terminals (max. cable section 6mm ² , 10mm ² cable with lag)		4 screw terminals (max. cable section 6mm ²) + 2 fast-ons (4,8x0,8mm)		double screw M4	
MECHANICAL FEATURES						
Housing material:	self extinguishing polycarbonate					
Protection degree (EN/IEC 60529):	IP40 housing - IP20 terminals				IP20 housing, IP00 terminals (IP20 secondary terminals with sealable terminal cover)	
Mounting:	snap-on 35mm rail, screw type for wall mounting					
Weight:	250 gr	250 gr	300 gr	300 gr	700 gr	2000 gr

Dimensions



Wiring diagrams

