



SINCE 1952

## TAPE WOUND

Cable/passing bar single-phase current transformers



### Technical features

SPECIFICATIONS	
Reference specification	EN/IEC 61869-1, 61869-2
Rated primary current I <sub>pr</sub> :	30A TO 4000A
Working frequency:	47...63Hz
Rated continuous thermal current I <sub>cth</sub> :	100% I <sub>pr</sub>
Rated short-time thermal current I <sub>th</sub> :	< 60I <sub>pr</sub>
Rated dynamic current I <sub>dyn</sub> :	2,5I <sub>th</sub>
Instrument security factor (FS):	≤ 5
Rated secondary current I <sub>sr</sub> :	1
Max. power dissipation	≤ 20W
Allowed max cable or busbar temperature:	125°C
INSULATION REQUIREMENTS	
Type	Dry transformer, air insulation
Highest voltage for equipment U <sub>m</sub> :	0.72kV r.m.s.
Rated insulation level:	3kV r.m.s. 50Hz/1 min
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:	Passing bus bar
Secondary winding:	tightening by nut M4
MECHANICAL FEATURES	
Housing material:	TAPE WOUND
Mounting:	screw type on bar
Weight:	-

### Wiring diagrams



As per clause 4.5 of IEC - 60044-1, STR comply as per fixed primary winding, whereas it does not require STR on open primary.

NOTE: On request orders for types different from table are accepted. 1A Secondary available



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