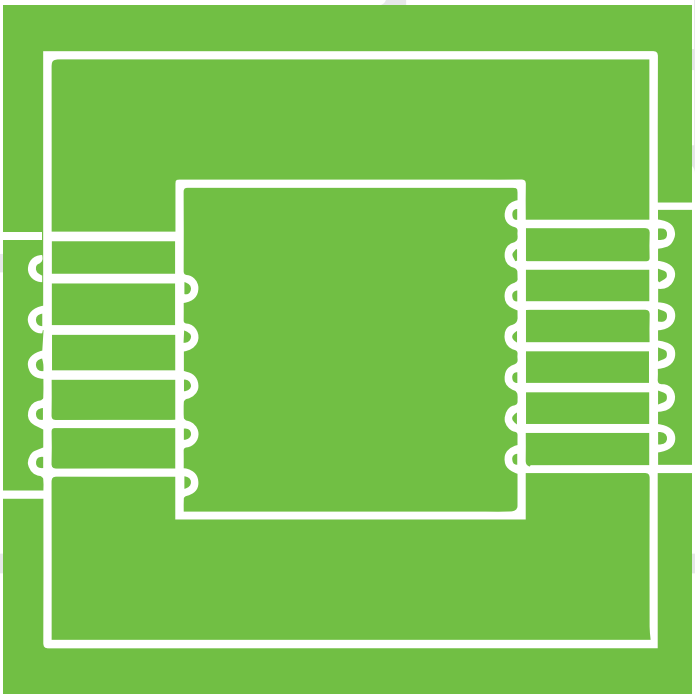
100% Made & Designed in Italy

CURRENT TRANSFORMERS

TAA / TAC Series

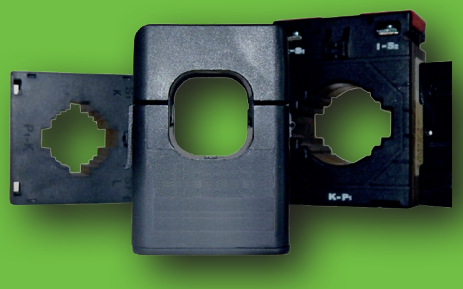


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CURRENT TRANSFORMERS TAA / TAC Series



TAA / TAC Series current transformers are 0.5 accuracy class components available in open-core (for easy installation applications), primary wound (for low primary current values), and through-bar (for high primary current values) versions. They can be used for current measurement both with cables and on busbar systems. They are the ideal supply complement for current measurements in combination with power meters, energy meters and electrical measurement converters. TAA / TAC Series current transformers are installed to reduce the line current to a value of up to 5 A on the output secondary circuit.

COMPLEMENT OF SUPPLY
For analyzers, meters, converters

WIDTH OF RANGE
Open-core models
Wounds primary models
Passing cable models

EASY INSTALLATION AND MAINTENANCE

CT RATIO
DA 20/5 A 1000/5

ACCURACY CLASS
0,5

SECUNDARY CURRENT
5A

RATED CURRENT
2.5 I.ter@1s (dynamic)
40-80 IpN@1s (thermal))

PERFORMANCE / LOAD
From 1VA to 8VA

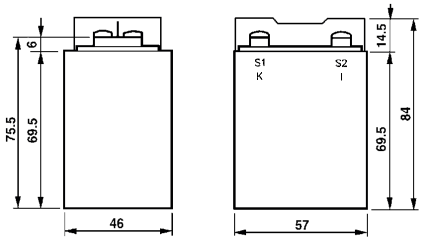
WOUND PRIMARY CURRENT TRANSFORMERS



COMMON DATA	
Accuracy Class	0,5
Rated performance	3 VA
Secondary current	5A
Frequency	40-60 Hz
Rated dynamic current dc	2,5 I.ter@1s
Rated thermal current dc	40-80 IpN@1s
Reference voltage	0,72 kV
Test voltage	3kV@50Hz (1 min)
Permanent overcurrent	1,2 In
Safety factor	=<5
Operating temperature	-25..+50°C
Storage temperature	-40..+80°C
Relative humidity	90% non-condensing
Insulation in air	Class E
Protection degree	IP30 (CEI EN 60529)
Enclosure	Self-extinguishing ABS, sealable terminal covers
Installation type	DIN rail
Dimension poles	6 mm
Dimension	47x56x84 mm
Reference Standards	CEI 38-1, IEC 185, VDE 0414, EN600044-1, EN60044-1A

ORDER CODES	
Order code	CT Ratio
TAC-0205-00-0000	20/5
TAC-0255-00-0000	25/5
TAC-0305-00-0000	30/5

DIMENSION



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SPLIT CORE CURRENT TRANSFORMERS



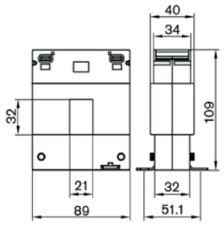
COMMON DATA

Accuracy Class	0,5
Secondary current	5A
Frequency	40-60 Hz
Rated dynamic current dc	2,5 I.ter@1s
Rated thermal current dc	40-80 IpN@1s
Reference voltage	0,72 kV
Test voltage	3kV@50Hz (1 min)
Permanent overcurrent	1,2 In
Safety factor	=<5
Operating temperature	-25..+50°C
Storage temperature	-40..+80°C
Max through-wire temperature	70°C
Relative humidity	90% non-condensing
Insulation in air	Class E
Protection degree	IP30 (CEI EN 60529)
Enclosure	Self-extinguishing ABS, protected terminals
Installation type	DIN rail
Reference Standards	CEI 38-1, IEC 185, VDE 0414, EN600044-1, EN60044-1A

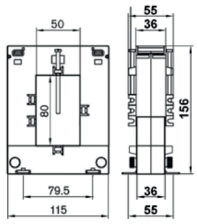
ORDER CODES

Order code	CT Ratio	Rated performance	Hole dimension	Dimension
TAA-01005-2030	100/5	1,5 VA	20x30 mm	89x111x40 mm
TAA-01505-2030	150/5	1,5 VA	20x30 mm	89x111x40 mm
TAA-02005-2030	200/5	1,5 VA	20x30 mm	89x111x40 mm
TAA-02505-2030	250/5	1,5 VA	20x30 mm	89x111x40 mm
TAA-03005-2030	300/5	1,5 VA	20x30 mm	89x111x40 mm
TAA-02505-5080	250/5	1,5 VA	50x80 mm	114x145x82 mm
TAA-04005-5080	400/5	1,5 VA	50x80 mm	114x145x82 mm
TAA-05005-5080	500/5	2,5 VA	50x80 mm	114x145x82 mm
TAA-06005-5080	600/5	2,5 VA	50x80 mm	114x145x82 mm
TAA-07505-5080	750/5	2,5 VA	50x80 mm	114x145x82 mm
TAA-08005-5080	800/5	2,5 VA	50x80 mm	114x145x82 mm
TAA-05005-8080	500/5	2,5 VA	80x80 mm	144x145x82 mm
TAA-08005-8080	800/5	2,5 VA	80x80 mm	144x145x82 mm
TAA-10005-8080	1000/5	2,5 VA	80x80 mm	144x145x82 mm

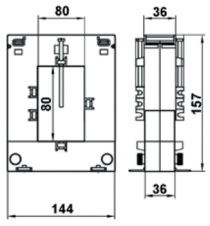
DIMENSION



Split Core CT, hole 20x30mm



Split Core CT, hole 50x80mm



Split Core CT, hole 80x80mm

PASSING CABLE CURRENT TRANSFORMERS



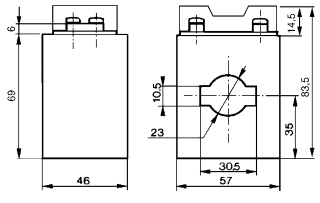
COMMON DATA

Secondary current	5A
Frequency	40-60 Hz
Rated dynamic current dc	2,5 I.ter@1s
Rated thermal current dc	40-80 IpN@1s
Reference voltage	0,72 kV
Test voltage	3kV@50Hz (1 min)
Permanent overcurrent	1,2 In
Safety factor	=<5
Operating temperature	-25..+50°C
Storage temperature	-40..+80°C
Max through-wire temperature	70°C
Relative humidity	90% non-condensing
Insulation in air	Class E
Protection degree	IP30 (CEI EN 60529)
Enclosure	Self-extinguishing ABS, sealable terminal covers
Installation type	DIN rail
Dimension	46x57x83,5 mm
Reference Standards	CEI 38-1, IEC 185, VDE 0414, EN600044-1, EN60044-1A

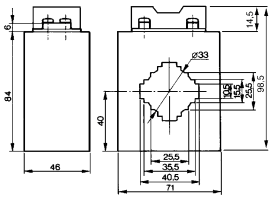
ORDER CODES

Order code	Accuracy Class	CT Ratio	Rated performance	Hole dimension	Dimension
TAC-0505-22-3010	1	50/5	1 VA	Cavo: 22 mm Barra 30x10 mm	46x57x83,5 mm
TAC-0605-22-3010	1	60/5	1 VA	Cavo: 22 mm Barra 30x10 mm	46x57x83,5 mm
TAC-01005-22-3010	1	100/5	1,5 VA	Cavo: 22 mm Barra 30x10 mm	46x57x83,5 mm
TAC-01505-22-3010	1	150/5	1,5 VA	Cavo: 22 mm Barra 30x10 mm	46x57x83,5 mm
TAC-01005-32-4010	1	100/5	2 VA	Cavo: 32 mm Barra 40x10 mm	46x71x98,5 mm
TAC-02505-32-4010	0,5	250/5	2,5 VA	Cavo: 32 mm Barra 40x10 mm	46x71x98,5 mm
TAC-04005-32-4010	0,5	400/5	5 VA	Cavo: 32 mm Barra 40x10 mm	46x71x98,5 mm
TAC-05005-32-4010	0,5	500/5	6 VA	Cavo: 32 mm Barra 40x10 mm	46x71x98,5 mm
TAC-08005-32-4010	0,5	800/5	8 VA	Cavo: 32 mm Barra 40x10 mm	46x71x98,5 mm

DIMENSION



Passing cable CT, cable 22 mm, bar 30x10mm



Passing cable CT, cable 32 mm, bar 40x10mm

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24C500_TAA_TAC_2407EN – July 2024