

TRANSZVILL

Transz vill Instrument Transformers Plc.



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has more decades of experience of manufacturing custom-made designed, maintenance-free instrument transformers for power distributors and users.

Our products meet international and Hungarian requirements too beside having test reports and state-verification.

Products



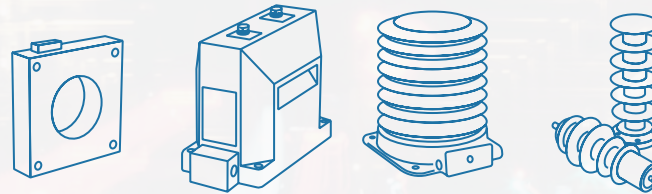
low voltage current transformers



current and voltage transformers
for medium voltage indoor and outdoor 3-40,5 kV



synthetic resin insulators



state-of-the-art
nanocrystalline
iron core

meets the most
accurate measurement
requirements

multi-stage
quality
ensurance

highest
technical
standard

ultra-reliable
medium voltage
products

reasonable
price

FLEXIBLE
PRODUCTION

LARGE AND
SMALL SCALE
PRODUCTION

SHORT NOTICE
PRODUCTION

TRANSZVILL

***Looking for partners
for European-wide sales expansion***

DAM-12, DAM-24

support type indoor current transformer range



Type	DAM-12			DAM-24	
Nominal primary voltage	3 kV	6 kV	10 kV	15 kV	20 kV
Nominal frequency	50 Hz				
Highest voltage for equipment	3,6 kV	7,2 kV	12 kV	17,5 kV	24 kV
Power frequency withstand voltage (1 min)	10 kV _{eff}	20 kV _{eff}	28 kV _{eff}	38 kV _{eff}	50 kV _{eff}
Impulse withstand voltage	40 kV _{peak}	60 kV _{peak}	75 kV _{peak}	95 kV _{peak}	125 kV _{peak}
Rated short-time thermal current	100×I _n -800×I _n but max. 50 kA _{eff} 1s				
Rated dynamic current	2,5×I _t but max. 125 kA _{peak}				
Primary currents normal execution or change over possibility	5-1250 A 2×10-2×300 A				
Secondary current	5 A; 1 A				
Accuracy classes, output	0,2; 0,2S; 0,5; 0,5S; 1 5P; 10P			2,5-60 VA 2,5-60 VA	
Number of cores	1; 2; 3				
Insulations class	B				
Dimensions (l × w × h mm)	375 × 148 × 220			385 × 178 × 280	
Mass [kg]	22			35	
Standards	IEC 61869-1;-2		EN 61869-1;-2		DIN 42600-8

DFM-12, DFM-24

indoor voltage single pole insulated transformer
(with special MV fuse)



Type	DFM-12			DFM-24	
Nominal primary voltage	3 kV	6 kV	10 kV	15 kV	20 kV
Nominal frequency	50 Hz				
Highest voltage for equipment	3,6 kV	7,2 kV	12 kV	17,5 kV	24 kV
Power frequency withstand voltage (1 min)	10 kV _{eff}	20 kV _{eff}	28 kV _{eff}	38 kV _{eff}	50 kV _{eff}
Impulse withstand voltage	40 kV _{peak}	60 kV _{peak}	75 kV _{peak}	95 kV _{peak}	125 kV _{peak}
Rated primary voltage Rated secondary voltage	3000/√3-11500/√3 V 100/√3; 110/√3 V			15000/√3-22000/√3 V 100/√3; 110/√3 V	
Accuracy classes, output	0,2; 0,5; 1 5-80 VA 3P; 6P 5-80 VA				
Winding to produce residual voltage	100/3; 110/3 V 3P; 6P 25-30 VA				
Voltage factor	1.9Un/ for 8 hours operating time				
Rated thermal limiting output	400 VA				
Number of secondary windings	1; 2; 3				
Insulations class	B				
Dimensions (l × w × h mm)	375 × 148 × 220			385 × 178 × 280	
Mass [kg]	27			32	
Standards	IEC 61869-1;-3 EN61869-1;-3			DIN 42600-9	

ARM-10 a;b;c;d, ARM-20 a;b;c;d

bushing type indoor current transformer range



Type	ARM-10				ARM-20			
	a	b	c	d	a	b	c	d
Nominal frequency								
Highest voltage for equipment	12 kV				24 kV			
Power frequency withstand voltage (1 min)	28 kV _{eff}				50 kV _{eff}			
Impulse withstand voltage	75 kV _{peak}				125 kV _{peak}			
Rated short-time thermal current	100×I _n but max. 50 kA _{eff} 1s							
Rated dynamic current	2,5×I _t but max. 125 kA _{peak}							
Primary currents	150-800 A	1000-2000 A	150-800 A	2000-4000 A	150-800 A	1000-2000A	150-800 A	2000-4000 A
Secondary current	5 A; 1 A							
Accuracy classes, output	0,2; 0,2S; 0,5; 0,5S; 1 5P; 10P				2,5-60 VA 2,5-60 VA			
Number of cores	ARM-10-20 a, b, c: 1-3				ARM-10-20 d: 1-4			
Insulations class	B							
Mass [kg]	7,8	17,5	19	45	10	25	25	45
Standards	IEC 61869-1;-2				EN 61869-1;-2			

MAS-12, MAS-24, MAS-40

support type outdoor current transformer range



Type	MAS-12	MAS-24	MAS-40	
Nominal primary voltage	10 kV	20 kV	30 kV	36 kV
Nominal frequency	50 Hz			
Highest voltage for equipment	12 kV	24 kV	36 kV	40,5 kV
Power frequency withstand voltage (1 min)	24 kV	50 kV _{eff}	70 kV _{eff}	80 kV _{eff}
Impulse withstand voltage	75 kV _{peak}	125 kV _{peak}	170 kV _{peak}	190 kV _{peak}
Rated short-time thermal current	100×In but max. 50 kA _{eff} 1s		100-200×In but max. 50 kA _{eff} 1s	
Rated dynamic current	2,5×It but max. 125 kA _{peak}			
Primary currents normal execution or change over possibility	5-600 A 2×5-2×300 A			
Secondary current	5 A; 1 A			
Accuracy classes, output	0,2; 0,2S; 0,5; 0,5S; 1 5P; 10P		2,5-60 VA 2,5-60 VA	
Number of cores	1; 2			
Insulations class	B			
Mass [kg]	35-40		62-70	
Standards	IEC 61869-1;-2		EN61869-1;-2	

AMS-24

support type outdoor current transformer range



Type	AMS-24
Nominal primary voltage	20 kV
Nominal frequency	50 Hz
Highest voltage for equipment	24 kV
Power frequency withstand voltage (1 min)	50 kV
Impulse withstand voltage	125 kV
Rated short-time thermal current	10 kA _{eff}
Rated dynamic current	25 kA _{peak}
Primary currents	40-400 A
Secondary current	5 A; 1 A
Accuracy classes, output	0,5; 1 1-5 VA
Number of cores	1
Insulations class	B
Mass [kg]	6
Standards	IEC 61869-1;-2 EN 61869-1;-2

Low voltage current transformer range



Indoor and outdoor synthetic resin insulated current transformers with mounting base.

- AMt-0;-1
- ASM-0;-1 built between rails
- ASMk-0;1 built on cable, rail or wall-tube

Complies with the requirements
EN 61869-1,-2, IEC 61869-1,-2. on 0,72 kV-1.2 kV

Primary currents normal execution 5-3000 A,
secondary current 1 A, 5 A.

Made with one secondary circles accuracy
classes: 0,2S; 0,2; 0,5; 0,5S; 1; 3 for measuring;
5P5-20, 10P5-20 for protection.

Medium Voltage insulations, synthetic resin products



Our company can make several
insulators thanks to the epoxy
synthetic resin technology.



TRANSZVILL

Transz vill Instrument Transformers Plc.

Contacts: Transz vill Instrument Transformers Plc.
Address: Tüzér str. 43. Budapest, Hungary H-1134
Phone: +36 1 450 1254
Sales: sales@transz vill.hu
Web: www.transz vill.hu/en