

**Current transformer
(E) 8A512.3**

rail: 50x12mm
2x 40x10mm
cable: 42mm

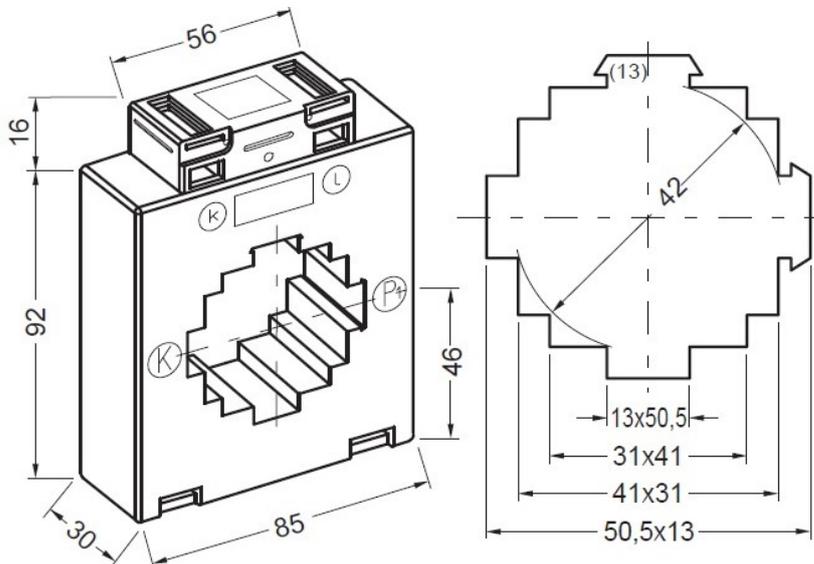
standards	IEC185, IEC44-1, DIN VDE 0414 part 1, HD553 S2, VDE1000, DIN42600, VBG4, VDE0106 part 100		
housing	polycarbonate, flame retardant according to UL 94		
terminals	double nickel-plated secondary terminals with plus-minus screws (0,5Nm)		
frequency	50.....60Hz (other on request)		
insulation class	E (other on request)		
thermal short-time current	$I_{th} = 60 \times I_{pr}$ for 1 second		
rated dynamic current	$I_{dyn} = 2,5 \times I_{th}$ (minimum 100kA for all current transformers)		
max.operating voltage	$U_m = 0,72kV$ (other on request)		
test voltage	4kV / minute (other on request)		
current limiting factor	FS5 or FS10		
rated continuous thermal current	$I_D = 1,2 \times I_n$ according to VDE 0414 (unless otherwise stated)		
secondary current	5A or 1A		
in the delivery included:	terminal cover for secondary terminals	feets	primary rail clamps

options:

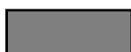
- DIN-rail mounting according to EN50022-35 or DIN 46277
- protective caps for primary rail fastening screws
- copper tube in different sizes
- protective cover to increase the flash-over and creepage distances if used as a tube type current transformer

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primary current	secondary current	class	power
100 – 1500A	5A oder 1A	0,2S-0,2-0,5S-0,5 oder 1	1,25 – 20VA

dimensions



I _{cr}	Kl.	primary rated current I _{pr}												A		
		150	200	250	300	400	500	600	750	800	1000	1250	1500			
5A	1	2,5	2,5	2,5	2,5	2,5	5	5	5	5	10	5	5	VA		
		3,75	5	5	5	5	10	10	10	10	20	10	10			
			7,5	7,5	10	10	15	15	15	15	30	15	15			
	0,5	1,25	2,5	2,5	2,5	2,5	2,5	5	5	5	5	5	5	VA		
				5	5	5	5	10	10	10	10	10	10			
					7,5	10	10	15	20	20	20	15	15			
	0,5S			2,5	2,5	2,5	2,5	5	5	5	5	5	5	VA		
					5	5	5	10	10	10	10	10	10			
						10	10	15	20	20	20	20	20			
	0,2					2,5	2,5	2,5	2,5	2,5	5	5	5	VA		
							5	5	5	5	10	10	10			
								10	10	10	10	15	15			
	0,2S									2,5	2,5	5	5	5	VA	
										5	5	10	10	10		
											10	15	15	15		
	1 A	1	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	5	5	5	5	VA	
				5	5	5	5	5	5	5	5	10	10	10		10
					7,5	10	10	10	10	10	10	15	20	20		20
0,5		1,25	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	5	VA	
				3,75	5	5	5	5	5	5	5	5	5	10		
					7,5	10	10	10	10	10	10	10	10	20		
0,5S					2,5	2,5	2,5	2,5	2,5	2,5	5	5	5	5	VA	
						5	5	5	5	5	10	10	10	10		
							10	10	10	10	10	20	20	20		
0,2						2,5	2,5	2,5	2,5	2,5	2,5	2,5	5	VA		
							5	5	5	5	5	5	10			
								10	10		10	10	20			
0,2S										2,5	2,5	2,5	2,5	5	VA	
										5		5	5	10		
												10	10			



dark marked fields = conformity assessment possible for billing purposes. These approved current transformers have the national certificates for germany.

included:



1 pieces primary rail clamps mit 2x screws M5x55
 2 pieces terminal cover (yellow sliders)
 2 pieces feet

options:



2 pcs. DIN-rail mounting
 2 pcs. caps for primary fixing bolts