



**Current transformer
(E) 7A412.3**

rail: 40x12mm
2x 30x10mm
cable: 33mm

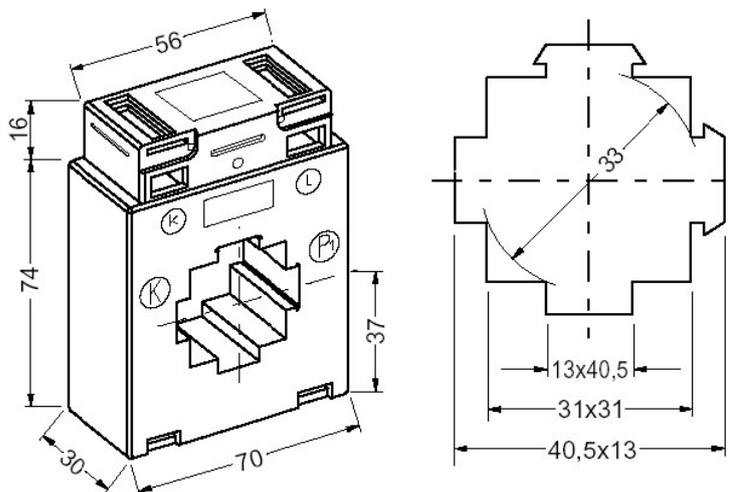
standards	IEC185, IEC44-1, DIN VDE 0414 part 1, HD553 S2, VDE1000, DIN42600, VBG4, VDE0106 part 100		
housing	polycarbonate, flame retardant according to UL 94		
terminals	double nickel-plated secondary terminals with plus-minus screws (0,5Nm)		
frequency	50.....60Hz (other on request)		
insulation class	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 feet 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

(E) 7A412.3			
primary current	secondary current	class	power
80 – 1000A	5A oder 1A	0,2S -0,2-0,5S-0,5-1	1,25 – 10VA

dimensions



I _{br}	Kl.	primary rated current I _{pr}													A			
		80	100	125	150	200	250	300	400	500	600	750	800	1000				
5A	1	1,25	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	VA	
				3,75	5	5	5	5	5	5	5	5	5	5	5	5	VA	
							7,5	7,5	7,5	10	10	10	10	10	10	10	VA	
													15	15	20		VA	
	0,5			1,25	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	5	5		VA	
							5	5	5	5	5	5	5	10	10		VA	
	0,5S							2,5	2,5	2,5	2,5	2,5	2,5	2,5	5		VA	
									5	5	5	5	5	5	5	10	VA	
	0,2									2,5	2,5	2,5	2,5	2,5	5		VA	
										5	5	5	5	5	5	10	VA	
	0,2S												2,5	2,5	2,5		VA	
													5	5	5	5	VA	
	1A	1	1,25	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	VA
					3,75	5	5	5	5	5	5	5	5	5	5	5	5	VA
								7,5	7,5	7,5	10	10	10	10	10	10	10	VA
														15	15			VA
		0,5			1,25	1,25	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	5	5		VA
						2,5	3,75	5	5	5	5	5	5	5	10	10		VA
0,5S								1,25	2,5	2,5	2,5	2,5	2,5	2,5	2,5	5	VA	
									5	5	5	5	5	5	5	10	VA	
0,2										7,5	7,5	10	10	10	15	15	VA	
										2,5	2,5	2,5	2,5	2,5	2,5	2,5	VA	
0,2S										5	5	5	5	5	5	5	VA	
													2,5	2,5	2,5	2,5	VA	



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 feets

options:



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