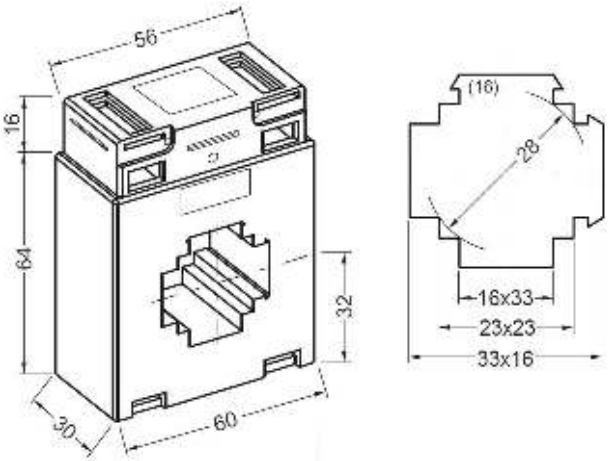
TECHNICAL DATA SHEET

REDUR
A Phoenix Mecano Company

WINDOW TYPE CURRENT TRANSFORMER 6A315.3



Round cable	28 mm
Primary bus bar	30 x 15 mm
	20 x 20 mm
Weight	250 - 300 g

I_{SR}	Cl.	PRIMARY RATED CURRENT I_{pr}													A
		50	60	75	80	100	125	150	200	250	300	400	500	600	750	
5 A	3	1	1	1,5												VA
	1			1	1,25	2,5	2,5	2,5	2,5	2,5	2,5	5	2,5	2,5	5	
							3,75	3,75	5	5	5	10	5	5	10	
								5	7,5	7,5	7,5	15	10	10	15	
											10					
	0,5							1,25	2,5	2,5	2,5	2,5	2,5	2,5	2,5	
									3,75	5	5	5	5	5	5	
										7,5	7,5	10	10	10	10	
															15	
	0,5S									2,5	2,5	2,5	2,5	2,5	2,5	
											5	5	5	5	5	
												10	10	10	10	
	0,2											2,5	2,5	2,5	2,5	
													5	5	5	
	0,2S													2,5	2,5	
															5	
1 A	3	1	1	1,5												VA
	1			1,25	1,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5		
							3,75	3,75	5	5	5	5	5	5		
										7,5	7,5	10	10	10		
	0,5					1,25	1,25	2,5	2,5	2,5	2,5	2,5	2,5	2,5		
									3,75	5	5	5	5	5		
											7,5	10	10	10		
	0,5S								2,5	2,5	2,5	2,5	2,5	2,5		
											5	5	5	5		
												10		10		
	0,2											2,5	2,5	2,5		
												5	5	5		
	0,2S													2,5		

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ACCESSORIES (INCLUDED IN THE SCOPE OF SUPPLY):

1 pc.	Primary bus bar fixing device (Type 16)
2 pcs.	Threaded pins M5 x 35
2 pcs.	Secondary terminal cover (yellow sliders)
2 pcs.	Mounting feet

OPTIONAL ACCESSORIES

- Primary bus bar quick fastening device (Type 16-40)
- Snap-on mounting brackets for the installation on DIN rail EN 50022-35
- Copper bus bars in different dimensions
- Insulating caps for the primary fixing threaded pins
- Copper tube d_a = 21 mm, d_i = 8,5 mm or 12,5 mm, L = 32 mm (other lengths upon request) for the use as a tube type current transformer
- Protective cover to increase the flash-over and creepage distances if used as a tube type current transformer

GENERAL TECHNICAL DATA:

Highest voltage for equipment U_m	0,72 kV
Rated power frequency withstand voltage (r.m.s.)	3 kV / 1 min
Frequency	50 / 60 Hz
Rated continuous thermal current I_{cth}	1,2 x I_{pr}
Instrument security factor	FS5 - FS15
Rated thermal current I_{th}	60 x I_{pr} for 1 s
Rated dynamic current I_{dyn}	2,5 x I_{th}
Ambient temperature	-40 … 40°C
Temperature rise limit class	H
Normative standards	IEC 61869 Part 1 + 2
	DIN EN 42600
Enclosure	Break-proof polyamide
	Difficult to inflame
Secondary connection	Nickel plated cross-head screws (2 Nm)
	Integrated secondary terminal cover

SPECIAL DESIGNS (UPON REQUEST)

- Other ratings, burdens or accuracies
- Secondary reconnection
- Casted with resin
- Highest voltage for equipment 1,2 kV