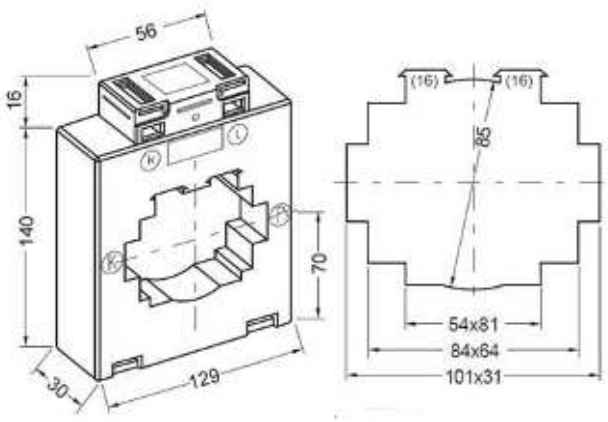
TECHNICAL DATA SHEET

REDUR
A Phoenix Mecano Company

WINDOW TYPE CURRENT TRANSFORMER

13A1030.3



Round cable	85 mm
Primary bus bar	2 x 100 x 10 mm 80 x 60 mm 50 x 80 mm
Weight	440 - 680 g

I_{sr}	Cl.	PRIMARY RATED CURRENT I_{pr}														A
		400	500	600	750	800	1000	1200	1250	1500	1600	2000	2500	3000	4000*	
5A	1	2,5	2,5	5	5	5	5	5	5	5	5	5	5	5	5	VA
		5	5	10	10	10	10	10	10	10	10	10	10	10	10	
							15	15	15	15	15	15	15	15	15	
											20	25	30	30	30	
	0,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	5	5	5	5	
			5	5	5	5	5	5	5	5	5	10	10	10	10	
					10	10	10	10	10	10	10	15	15	15	15	
							15	15	15	15	15	20	20	25	25	
	0,5S			2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	5	5	
				5	5	5	5	5	5	5	5	5	5	10	10	
						10	10	10	10	10	10	10	10	15	15	
										15	15	15	15	20	20	
	0,2						2,5	2,5	2,5	2,5	2,5	2,5	2,5	5	5	
							5	5	5	5	5	5	5	10	10	
										10	10	10	10	15	15	
											15	15	15	20	20	
	0,2S									2,5	2,5	2,5	2,5	5	5	
											5	5	5	10	10	
													10			
1 A	1	2,5	2,5	5	5	5	5	5	5	5	5	5	15	10		VA
		5	5	10	10	10	10	10	10	10	10	10	10	15		
							15	15	15	15	15	15	15	20		
											20	20	25	30		
	0,5	2,5	2,5	5	5	5	5	5	5	5	5	5	5	5		
			5	10	10	10	10	10	10	10	10	10	10	10		
								15	15	15	15	15	15	15		
														20		
	0,5S			5	5	5	5	5	5	5	5	5	5	5		
								10	10	10	10	10	10	10		
										15	15	15	15	15		
														20		
	0,2						2,5	2,5	2,5	2,5	2,5	2,5	5	5		
							5	5	5	5	5	5	10	10		
										10	10	10	15	15		
	0,2S									2,5	2,5	2,5	2,5	2,5		
											5	5	5	5		
													10	10		

* I_{cth} : 1,0 I_{pr} / 1,2 I_{pr} upon request

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ACCESSORIES (INCLUDED IN THE SCOPE OF SUPPLY):

2 pcs. Primary bus bar fixing device (Type 16),
4 pcs. Threaded pins M5 x 55
2 pcs. Secondary terminal cover (yellow sliders)
2 pcs. Mounting feet

OPTINONAL ACCESSORIES

- Snap-on mounting brackets for the installation on DIN rail EN 50022-35
- Primary bus bar quick fastening device (Type 16-65)
- Copper bus bars in different dimensions
- Insulating caps for the primary fixing threaded pins

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