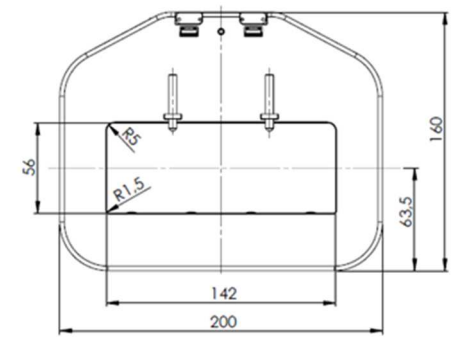
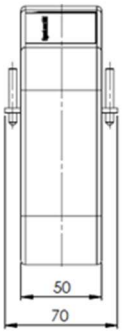
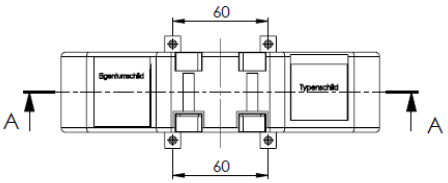
REDUR
A Phoenix Mecano Company

WINDOW TYPE CURRENT TRANSFORMER

20A1456.5







Primary bus bar	140 x 50 mm 3 x 140 x 10 mm
Weight	2,1 - 2,7 kg

I_{sr}	Cl.	PRIMARY RATED CURRENT I_{pr}					A
		2000	3000	4000	5000	7000*	
5 A	1	10	10	10	10	10	VA
		20	20	20	20	20	
						30	
	0,5	10	10	10	10	10	
		20	20	20	20	20	
						30	
	0,5S	10	10	10	10	10	
		20	20	20	20	20	
						30	
	0,2	5	10	10	10	10	
		10	20	20	20	20	
	0,2S	5	10	10	10	10	
			20	20	20	20	
						30	

* I_{cth} : 1,0 I_{pr}

ACCESSORIES (INCLUDED IN THE SCOPE OF SUPPLY):

2 pcs. Primary bus bar fixing device
4 pcs. Threaded pins M5 x 35
2 pcs. Secondary terminal cover (yellow sliders)

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
- Compensation winding to counter the proximity effect occurring with current of 4000 A or higher (otherwise please consider sufficient phase-to-phase distance)