

ELRC1000/5/10/10 - CT Product Details

Master Related Data

Company	Elmex Group
Product Category	Current Transformer
Product Group	Rein Cast Rectangular
Application Group	Protection
Secondary Connection Method	M5 Bush Connection
Manufacture Country	India

General Data

Product Name	ELRC1000/5/10/10
Short Description	"elmex" RESIN ENCAPSULATED RECTANGULAR TYPE-C
Full Description	"elmex" RESIN ENCAPSULATED RECTANGULAR TYPE-C, RATIO:1000/5, VA:10, CLASS:5P10, PROTECTION CURRENT TRANSFORMER
Measurement	Single Phase

Dimensions

Depth	50 mm 1.97 inch
Inner Diameter	105x60 mm
Outer Diameter	170x130 mm

Technical Data - General

Rated Frequency	50/60 Hz
Maximum Operating Voltage	720 V
Insulating Class	E
Rated Insulation Test Voltage	3/4 kV AC for 1 Minute
Instrument Security Factor FS	FS 5 or 10
Secondary Conductor Cross Section Flexible	up to 2x4 sq.mm
Rated Thermal Short Time Current For BPL	$I_{th} = 60 \cdot I_{pr}$
Rated Thermal Continuous Current	$I_{cth} = 1.2 \cdot I_{pr}$
Rated Thermal Surge Current	$I_{dyn} = 2.5 \cdot I_{th}$
Permissible Humidity Operation	<95% RH
Ambient Temperature Operation	-20°C ... +50°C
Ambient Temperature Storage	-40°C ... +90°C
Max Altitude	=1000 m
ROHS	NO
CE	Yes

Mounting Plate	Panel Mounting
Terminal Cover	Available on request

