

EOPA100/5/5/1 - CT Product Details

Master Related Data

Company	Elmex Group
Product Category	Current Transformer
Product Group	Polycarbonate Ring
Application Group	Metering
Secondary Connection Method	M5 Bush Connection
Manufacture Country	India

General Data

Product Name	EOPA100/5/5/1
Short Description	"elmex" PLASTIC COVERED RING TYPE-A
Full Description	"elmex" PLASTIC COVERED RING TYPE-A, RATIO:100/5, VA:5, CLASS:1, CURRENT TRANSFORMER
Measurement	Single Phase

Dimensions

Depth	42 mm 1.65 inch
Inner Diameter	30 mm
Outer Diameter	80 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	Yes
CE	Yes
Mounting Plate	Bus Bar Mounting

Terminal Cover	With Sealing
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