

EOT100/1600/5/5/0.5 - CT Product Details

Master Related Data

Company	Elmex Group
Product Category	Current Transformer
Product Group	Tape Ring
Application Group	METERING
Secondary Connection Method	Free leads with 2.5 mm ² Ring Lug
Manufacture Country	India

General Data

Product Name	EOT100/1600/5/5/0.5
Short Description	"elmex" TAPE ENCAPSULATED RING TYPE
Full Description	"elmex" TAPE ENCAPSULATED RING TYPE, RATIO:1600/5, VA:5, CLASS:0.5, METERING CURRENT TRANSFORMER
Measurement	Single Phase

Dimensions

Depth	25 mm
Inner Diameter	100 mm
Outer Diameter	140 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
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 ... +70°C
Max Altitude	=1000 m
ROHS	NO
CE	Yes
Mounting Plate	Available on request
Terminal Cover	Without Sealing

