

ELP1/80/5/2.5/1 - CT Product Details

Master Related Data

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

General Data

Product Name	ELP1/80/5/2.5/1
Short Description	"elmex" PLASTIC COVERED RECTANGULAR TYPE-P1
Full Description	"elmex" PLASTIC COVERED RECTANGULAR TYPE-P1, RATIO:80/5, VA:2.5, CLASS:1, CURRENT TRANSFORMER; COLOUR: GREY
Measurement	Single Phase

Dimensions

Width	50 mm 1.97 inch
Height	68 mm 2.68 inch
Depth	32 mm 1.26 inch
Inner Diameter	15 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

Din Rail Mounting Option	Available on request
CE	Yes
Mounting Plate	Bus Bar Mounting / Panel Mounting
Terminal Cover	With Sealing

