

## ELPH2/300/5/5/0.5 - 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	ELPH2/300/5/5/0.5
Short Description	elmex POLYCARBONATE ENCAPSULATED RECTANGULAR TYPE-H2
Full Description	elmex POLYCARBONATE ENCAPSULATED RECTANGULAR TYPE-H2, RATIO:300/5, VA:5, CLASS:0.5, CURRENT TRANSFORMER; COLOUR: GREY
Measurement	Single Phase

### Dimensions

Width	62 mm
Height	80 mm
Depth	31 mm
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
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
ROHS	Yes

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

