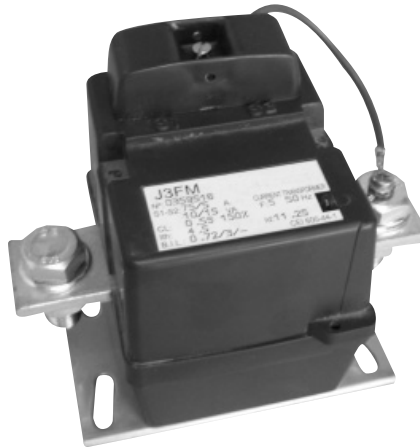


# WOUND PRIMARY CURRENT TRANSFORMERS

## J..FM SERIES



J3FM

- Primary current from 1 to 600 A
- Measurement and protection
- Compact size

Current transformers moulded in self extinguishing casings for the measure of AC currents from 1 up to 600A.

Features heavy duty insulation.

This compact range fits most switch-boards used for measure.

### Technical data

Highest voltage for equipment	0.72 kV
Power-frequency withstand voltage	3 kV
Primary current I <sub>pn</sub>	1 to 600 A
Secondary current I <sub>sn</sub>	5 or 1 A
Frequency	50 or 60 Hz
Rated output	1 to 60 VA
Accuracy class	0.5 - 1 - 3
Security factor	5 to 30
Continuous thermal current	1.2 I <sub>pn</sub>
Short-time thermal current I <sub>th</sub>	60 I <sub>pn</sub> -1s
Dynamic current I <sub>dyn</sub>	2.5 I <sub>th</sub>
Insulation class	E
Casing	Thermoplastics UL 94 V0
Ambient temperature	From - 5°C to + 40°C
Standards	IEC- IEEE - CSA - AS - BS - UNE

### Other characteristics on request

Highest voltage for equipment	Up to 2400 V
Power-frequency withstand voltage	Up to 11 kV
Secondary current I <sub>sn</sub>	0.005 to 10 A
Frequency	1 to 10 000 Hz
Accuracy class	0.2 - 5P5
Continuous thermal current	1.5 I <sub>pn</sub> - 2 I <sub>pn</sub>
Ambient temperature	From -25°C to + 70°C

### Accessories / Options

Sealable cover for secondary terminal (IP31) Option

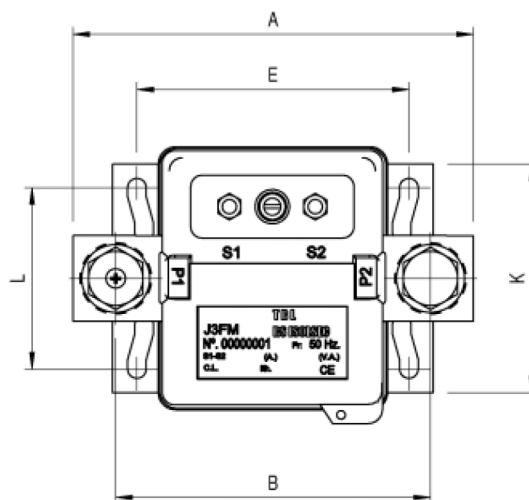
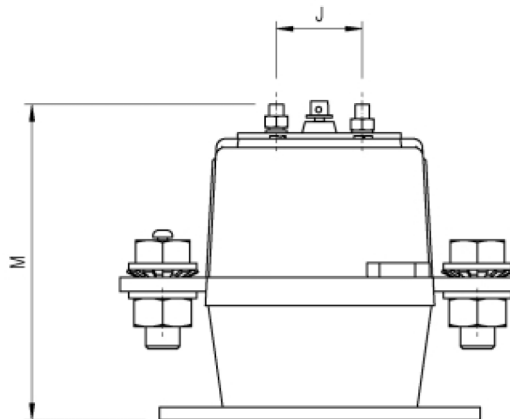
## WOUND PRIMARY CURRENT TRANSFORMERS - J..FM SERIES

### Dimensions

Type	A	B	E	J	K	L	M
	mm	mm	mm	mm	mm	mm	mm
<b>J3FM</b>	140	110	95	30	80	63.5	115

### Selection table

Ip A	Type	Rated output Max en VA		
		cl 3	cl 1	cl 0.5
5	<b>J3FM</b>	50	30	15
15	<b>J3FM</b>	50	30	15
30	<b>J3FM</b>	50	30	15
50	<b>J3FM</b>	50	30	15
100	<b>J3FM</b>	60	40	15
150	<b>J3FM</b>	60	40	15
200	<b>J3FM</b>	60	40	15
250	<b>J3FM</b>	60	40	15
300	<b>J3FM</b>	60	40	15
400	<b>J3FM</b>	60	40	15
500	<b>J3FM</b>	60	40	15
600	<b>J3FM</b>	60	40	15



### Installation

Max tightening torques :

- M5 terminals: 2 N.m
- M12 terminals: 20 N.m