



## Tape Wound Current Transformers

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# Tape Wound Current Transformers

## MR Series Current Transformers

An extensive portfolio of current transformers that provide comprehensive measuring accuracy. MR transformers accurately measure high primary currents, converting the primary current into a proportional 5 amp secondary current.

### Features

High quality comprehensive measurements

Available in a wide range of transformer ratings

Accuracy up to Class 0.5

Foot mounted

### Benefits

Easier metering due to the reduction of high currents

Insulated output improves operational safety

Long product life

### Applications

Switch gear

Distribution systems

Generator sets

Control panels

Overload protection

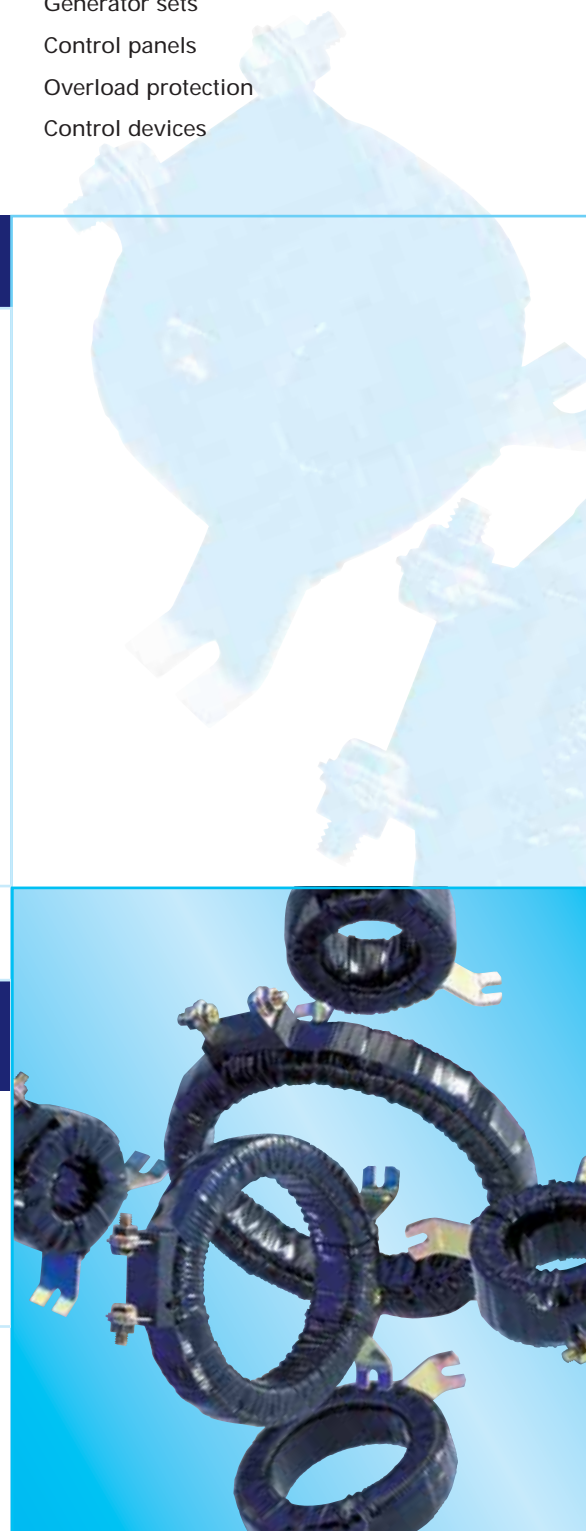
Control devices

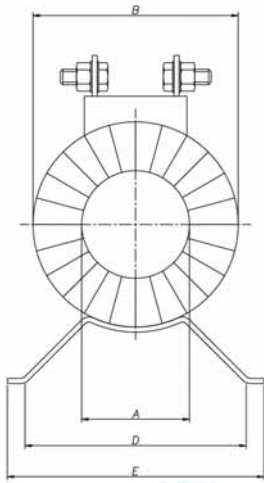
### Specifications

System voltage	720V
Test voltage	3kV for 1 minute
System frequency	50Hz or 60Hz
Primary ratings	5 - 4000A
Secondary outputs	5A
Short circuit thermal	3kA for 1 second
Overload withstand	1.2 times rated current continuously
Rated dynamic current	7.5 KA for 1 second
Saturation coefficient	<6
Insulation Class BS2757 IEC85	Class E
Secondary terminals	M5 screw clamps m6 bolt
Operating temperature	-20C to +55C
Humidity	up to 90% RH (non condensing)
Compliant with	VDE 404 and IEC 185
Mounting hardware	Foot mounted

### Dimensions and Connections

Model type	A inside diameter	B outside diameter	C axel length	D mounting feet pitch	E mounting feet
MR-28'S	28	70	40	77.5	92.5
MR-42'S	42	80	30	86	100
MR-45'S	45	80	30	86	100
MR-60'S	60	100	30	86	100
MR-85'S	85	120	20	86	100
MR-125'S	125	165	20	86	100





## Specifications

Model type	Ratio range	VA at Class 3	VA at Class 1	VA at Class 0.5
MR-28-30/5A	30/5	-	-	-
MR-28-40/5A	40/5	1.5	-	-
MR-28-50/5A	50/5	2	-	-
MR-28-60/5A	60/5	2.5	-	-
MR-42-75/5A	75/5	1.5		
MR-42-80/5A	80/5	1.5		
MR-42-100/5A	100/5	5	3	1.5
MR-42-150/5A	150/5	10	3	2.5
MR-42-200/5A	200/5	10	5	3
MR-42-250/5A	250/5	10	7.5	5
MR-45-300/5A	300/5	15	10	5
MR-45-400/5A	400/5	15	10	5
MR-60-400/5A	400/5	15	10	7.5
MR-60-500/5A	500/5	20	15	7.5
MR-60-600/5A	600/5	20	15	10
MR-85-800/5A	800/5	20	15	10
MR-85-1000/5A	1000/5	25	20	15
MR-85-1200/5A	1200/5	25	20	15
MR-85-1500/5A	1500/5	25	20	15
MR-85-1600/5A	1600/5	25	20	15
MR-125-2000/-5	2000/5	25	20	15
MR-125-2500/-5	2500/5	25	20	15
MR-125-3000/-5	3000/5	25	20	15
MR-125-4000/-5	4000/5	25	20	15



***tyco***  

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*Electronics*

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