

TeSys Active

T Motor management system

Characteristics

Motor
management
devices

LT6CT●●●● external current transformer characteristics

Conforming to standards		IEC 60185, BS 7626			
Precision		Class 5P			
Precision limit factor		15			
Rated insulation voltage (Ui)		690			
Maximum operating temperature	°C	50			
Transformer ratio	A	100/1	200/1	400/1	800/1
Diameter of conductor passage hole	mm	35	35	35	35
Maximum cabling c.s.a.	mm ²	30 x 10	30 x 10	30 x 10	incorporated ⁽¹⁾

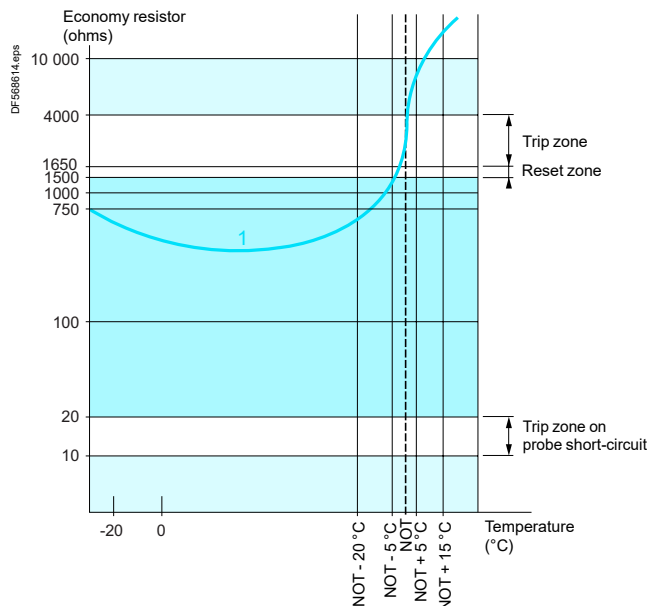
Earth fault toroid characteristics

Toroid type		50437	50438	50439	50440	50441	50442	50485	50486
Rated insulation voltage Ui	V	1000							
Operating temperature	°C	- 35...+ 70							
Protection index		IP30 (connections IP20)							
Transformer ratio		1/1000							
Rated operational current Ie	A	65	85	160	250	400	630	85	250
Max. conductor c.s.a. per phase	mm ²	25	50	95	240	2 x 185	2 x 240	50	240

DA1TT●● probe characteristics

Conforming to standards		IEC 60034-11 mark A	
Economy resistor	At 25 °C	Ω	3 x 250 in series
Rated operational voltage (Ue)	Per probe	V	--- 2.5 max
Rated insulation voltage (Ui)		kV	2.5
Insulation			Reinforced
Length of connecting cables	Between probes	mm	250
	Between probe and motor terminal plate	m	1

Guaranteed operating zones: example with 3 probes type DA1TT●●● (250 Ω at 25 °C) in series, conforming to standard EC 60034-11, mark A.



1 3 probes type DA1●●● (250 Ω at 25 °C) in series.

NOT: Nominal Operating Temperature.

Protection unit tripped.

Protection unit reset.

⁽¹⁾ Electrical connection to be made using M10 bolt.