

Product designation				Current transformers
Product type designation				DM3T0800
<b>Auxiliary supply Us</b>				
Operational frequency		min	Hz	50
		max	Hz	60
<b>Current inputs</b>				
Primary current I <sub>pn</sub> (/5)			A	800
Secondary output current			A	5
Overload withstand I <sub>pn</sub>			%	120
Burden				
	cl. 0.5		VA	5
	cl. 1		VA	10
<b>Insulations</b>				
Rated insulation voltage U <sub>i</sub> IEC/EN			V	720
IEC rated short-time thermal current I <sub>th</sub>		I <sub>th</sub> for s		40...60
IEC rated dynamic current I <sub>dyn</sub>		I <sub>th</sub> for s		2.5
Insulation dry type				Class E
<b>Mechanical features</b>				
Terminals type				Faston
Fixing				DIN rail or by Screw
Weight			g	260
<b>Ambient conditions</b>				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+50
	Storage temperature			
		min	°C	-40
		max	°C	+80
Relative humidity			%	90
Protection degree				IP30
<b>Dimensions</b>				
<b>Certifications and compliance</b>				
Compliance				
	IEC/EN/BS 61869-1			
	IEC/EN/BS 61869-2			
Certificates				
	EAC			
	GOST			
<b>ETIM classification</b>				
ETIM 8.0				EC002048 - Current transformer