



Product designation

Product type designation

Type of CT

Current
transformers
DM3TA1000
Split-core

Current inputs

Primary current I _{pn} (/5)	A	1000
Operational frequency	min	Hz 50
	max	Hz 60
Secondary output current	A	5
Overload withstand I _{pn}	%	120
Burden	cl. 0.5	VA 5
	cl. 1	VA 10

Insulations

Rated insulation voltage U _i IEC/EN	V	720
IEC rated short-time thermal current I _{th}	I _{th} for s	40...60
IEC rated dynamic current I _{dyn}	I _{th} for s	2.5
Insulation dry type		Class E

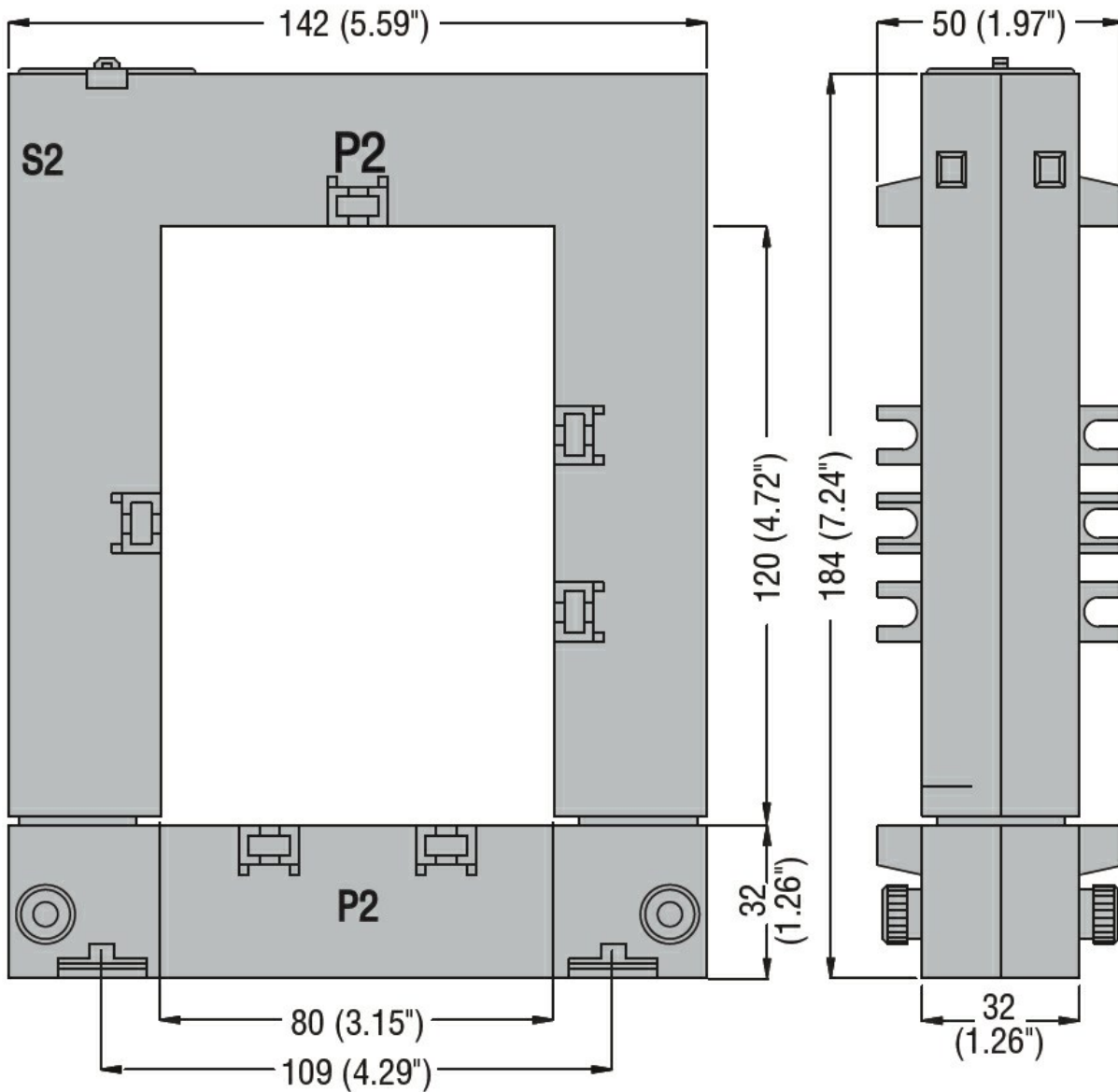
Mechanical features

Terminals type	Screw
Fixing	Screw fixing
Weight	g 1250

Ambient conditions

Temperature	Operating temperature	min	°C	-25
		max	°C	+50
	Storage temperature	min	°C	-40
		max	°C	+80
Relative humidity		%	90	
Protection degree			IP30	

Dimensions



Certifications and compliance

Certifications

IEC/EN 60044-1

Compliance

EAC

ETIM classification

EC000066 - Power contactor, AC switching