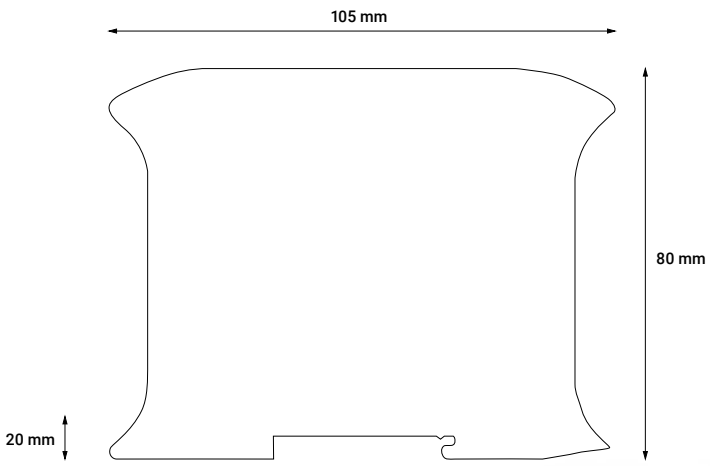

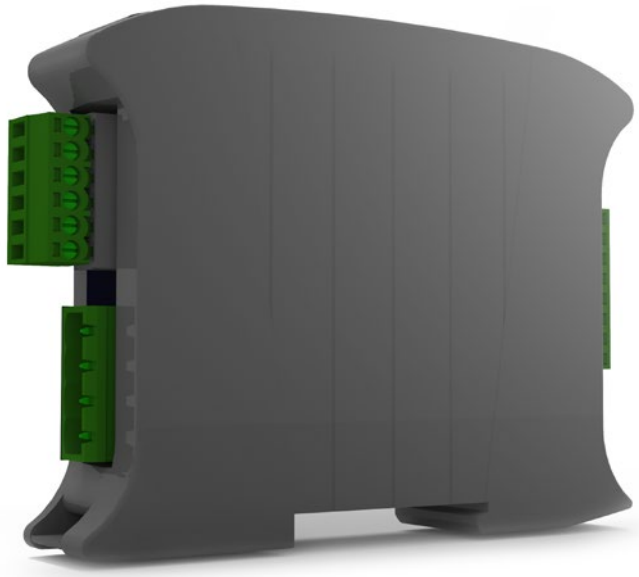

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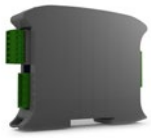
Energy Guard



ENELION ENERGY GUARD

TECHNICAL SPECIFICATION

Housing	Plastic PC/ABS, DIN rail montage
IP protection	indoor montage
Accuracy	Accuracy class 0,5
Typical reaction time from switching on to change of the charging power	<1.5 sec
Maximum charging hold time	3sec (according to the IEC 61296)
Maximum reaction time of the charging station on the change of the available power	5sec (according to the IEC 61296)
Maximum Energy Guard reaction time on the increased current consumption detection	1 sec
Maximum time of the overload connection*	9 sec
Maximum temporary overload*	100%
Maximum connection current limit	3 kA
Maximum count of the charging stations	3-in Home, 90-in Industrial
User interface	LED indicators
Bidirectional current measurement	Yes
Measuring points parameters	3 or 1-phase system (the right amount of measuring coils in the set of EEG)
Rated operating voltage	3x230V AC (+- 10%)
Network frequency	50 Hz
Maximum measuring current value	Depending on the measuring coils (40A-home, 100A industrial)
Maximum diameter of the cables	Depending on the measuring coils (7 or 26mm)
Type of network	TN-C; TN-S; TN-C-S; TT
Connection to the charging station	Enelion Chain
Operating temperature	-25 °C / +55 °C
Storage temperature	-35 °C / + 55 °C
Maximum highest above sea level	2 000 m
Height (mm)	105
Width (mm)	20
Depth (mm)	80

*Possibility of the individual selection of the measuring coils

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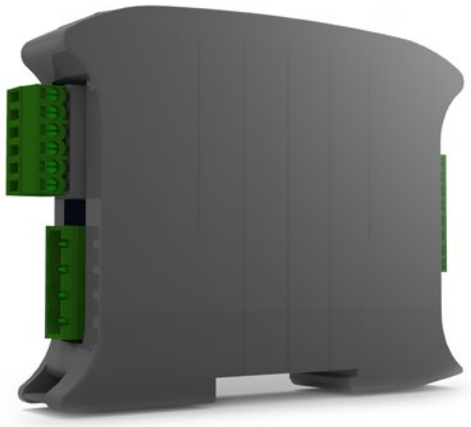
Energy Guard

TECHNICAL SPECIFICATION OF CURRENT TRANSFORMERS



Current transformers are integrated parts of the Energy Guard measurement set

It is possible to choose one of the two variants:

	HOME	INDUSTRIAL
Maximum input current [A]	40	100
Operating temperature [st. C]	-40 / + 85	-10/ + 557
Hole diameter [mm]	7	26
Weight [g]	13	233