

Technical Data

Grid Switch SE



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Electrical data

Max. isolation voltage (V)	264
AC rated voltage L / N / PE (V)	3 x 230
AC rated frequencies (Hz)	50
Permitted grid systems	TN-S, TN-C-S, TT
Grid isolation	All-pole, bridging the N conductor contact is not permitted
Grid-side back-up fuse	40 A, tripping characteristic B
Max. load current (A)	50
Max. continuous output, at max. ambient temperature 40°C (W)	30000
Measuring range of current sensors, internal (A RMS)	35
Measuring accuracy AC output, internal (%)	3
Max. cable length to Grid Switch SE (m)	20
Max. AC cable cross section (mm ²)	35
Communication connection	1x RJ45

General data

Protection class	IP20
Protection class	I
Approvals	VDE 0126, VDE AR-N 4105, CE
Warranty	The respective warranty terms apply
Dimensions WxHxD (mm)	170 x 270 x 92
Weight (kg)	1.2
Permissible ambient temperature (°C)	+5 to +40
Max. relative humidity (non-condensing) (%)	0 ... 90
Installation method	Wall installation:
Max. operating altitude (mamsl)	2000

The Grid Switch SE is used as a grid isolation unit and can only be used with the S10 SE.
The Grid Switch SE can only be used with retrofit-capable systems.



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