

Technology

Inverter power	40,0 kVA
Power electronics type	IGBT / Self-commutated
Rated operating voltage	480 V
Nominal cos phi	≈ 1
Grid connection	Three-phase
Automatic disconnection device in accordance with DIN V VDE V 0126-1-1:2006-02	Yes

Operating behaviour in the event of a short circuit at the inverter output

Maximum peak current (I _p)	200 A
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Operating behaviour in the event of a three-phase short circuit at the inverter output at T₀

A T ₀ + t	Root-mean-square value with symmetrical feed-in
T ₀ + 50 ms	68,0 A
T ₀ + 100 ms	48,1 A
T ₀ + 250 ms	0 A
T ₀ + 1000 ms (or before possible decoupling)	0 A

Operating behaviour in the event of a dual-phase short circuit at the inverter output with voltage dip of 50 % at T₀

A T ₀ + t	Root-mean-square value with symmetrical feed-in
T ₀ + 50 ms	68,0 A
T ₀ + 100 ms	48,1 A
T ₀ + 250 ms	0 A
T ₀ + 1000 ms (or before possible decoupling)	0 A