Technology

Inverter power	36,0 kVA
Power electronics type	IGBT / Self-commutated
Rated operating voltage	400 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 (Ip)	200 A

Operating behaviour in the event of a three-phase short circuit at the inverter output at T0

A T0 + t	Root-mean-square value with symmetrical feed-in
T0 + 50 ms	73,8 A
T0 + 100 ms	52,2 A
T0 + 250 ms	0 A
T0 + 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 T0 + t	Root-mean-square value with symmetrical feed-in
T0 + 50 ms	73,8 A
T0 + 100 ms	52,2 A
T0 + 250 ms	0 A
T0 + 1000 ms (or before possible decoupling)	0 A