

Anlagenbeschreibung Pos. 118

PUTB C POWER SUPPLY (AC-DC) 20.1 HTS17-M-650-1000-1000-4 V3.0

Bundle with PSU from ST price: 440 000 Eu
Single unit price: 650 000 Eu

Rated data AC terminal	
≥ mains voltage, -frequency	3/PE AC 400 V 50 Hz
≥ mains voltage tolerance	± 10 %
frequency tolerance	± 5 %
power consumption	706 kVA
power factor λ at rated power	> 0.99 ind.
≥ current max.	1133 A @ 400 V -10 %
recommended pre-fuse	3x gL/gG 1250 A
rated conditional short-circuit current I _{CC}	50 kA
recommended cable cross section ^{1, 2}	4x 185 mm ² per terminal ≥ 4x95 mm ² PE
connection for cable lug	M12
implementation of rectifier	Isolation transformer (DC terminals are potential free to the AC mains)
Rated data DC terminal	
max. power at DC terminals supplied by the rectifier	± 650 kW
number of DC terminals ³	4
power per DC terminal	± 1 000 kW (V _{nom} x I _{nom})
voltage	DC 5 – 1 000 V
current	± 1 000 A
terminal resistance (single operation) ⁴	-10 mΩ – +1 000 mΩ
terminal resistance (parallel operation) ^{3, 4}	-10 mΩ – +100 mΩ
measurement accuracy / measuring resolution	Voltage: 0.1 % fs / 16 Bit Current: 0.1 % fs / 16 Bit
control accuracy	Voltage: 0.1 % fs Current: 0.1 % fs Power: 0.2 % fs (of max. DCC power)
compensation of a voltage drop by use of sense line	Max. 5 % of DC voltage up to maximum nominal voltage
short circuit performance	Short circuit proof (I _{cw} < 8 kA, short circuit not for longer time)
overvoltage category at DC terminal ⁵	II
voltage tolerance static (setpoint value)	± 0.1 % fs



MP00207		102134/3		
Bezeichnung	Ja	Nein	Betrag [€]	
Abnahme SAT erfolgt	X		NA	
Eigentum Lilium	x			
Komplett bezahlt	x			
Betrag offene Rechnung		x		

Baujahr	Kaufpreis
2023	€440 000