

Test Lab	Kiel University of Applied Sciences (FH-Kiel) Laboratory for High Voltage, Surge Current and EMC Grenzstraße 5, 24149 Kiel, Germany
Purchaser	WELDCOM GmbH & Co. KG Hauptstraße 89 67715 Geiselberg Germany
Report No.	B-WEL-18/19/29
No. of Pages	9 pages including cover
Project No. of F&E GmbH	18103
Objective of Tests	Withstand capability to surge currents 200kA and long currents 200As, LPL I, DIN EN 61400-24
Device under Test (DUT)	Welded joints DUT 1: round connection (DUT 2: backup) DUT 3: plane connection (DUT 4: backup)
Test Result	DUT 1: PASS DUT 3: PASS
Test Parameters	Impulse current 10 μ s/350 μ s according to EN 62475, IEC62305-4, EN61643-1, 3x 200kA combined with 200As DC long current, LPL I of DIN EN 61400-24, test D3.4
Test Engineer in Charge	Dipl.-Ing. Jörg Kohlmorgen, FH-Kiel
Witnessing Customers	-
Responsible for Test	Prof. Dr.-Ing. Kay Rethmeier, FH-Kiel
Date of Test	2018-11-16
Atmospheric Conditions	T=19°C; P=1008mbar; rF=52%
Notes	-

Kiel, 2018-11-20



 Prof. Dr.-Ing. Kay Rethmeier
 Head of HV Test Labs