

# TEST REPORT

NO. 1624.2090893.1024

GERSAN Elektrik Tic. ve San. A. S.  
 Tuzla Mermeciler Org. San. Bölgesi  
 yanyol cad. no. 6  
 P.K:57 TUZLA-ISTANBUL  
 TURKEY

CLIENT

GERSAN Elektrik Tic. ve San. A. S.

MANUFACTURER

Low-voltage power switchgear and controlgear assembly

TEST OBJECT

3200 A assembly

TYPE

Test sample

SERIAL NO.

Rated voltage	$U_n$	415 V	RATED CHARACTERISTICS
Rated operational voltage	$U_e$	415 V	GIVEN BY THE
Rated insulation voltage	$U_i$	690 V	CLIENT
Rated impulse withstand voltage	$U_{imp}$	6 kV	
Rated current of the assembly	$I_{nA}$	2750 A	
Rated peak withstand current	$I_{pk}$	143 kA	
Rated short-time withstand current	$I_{cw}$	65 kA, 1 s	
Rated conditional short-circuit current	$I_{cc}$	65 kA	
Rated frequency	$f_n$	50 Hz	
Degree of protection		IP1X	

IEC 61439-2: Edition 1.0: 2009-01

NORMATIVE DOCUMENT

Design verification of

RANGE OF TESTS PERFORMED

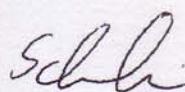
- degree of protection
- clearances and creepage distances
- dielectric properties
- temperature rise
- short-circuit withstand strength

11 January to 02 February 2010

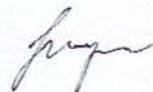
DATE OF TEST

See Sub-clauses 4.6, 5.6, 6.6, 7.5 and 8.6

TEST RESULT



STEFAN SCHWANCK  
 Head of Centre of Competence  
 Low-Voltage & Railway Equipment  
 Berlin, 17 June 2010



JÖRG KREMZOW  
 Test engineer in charge

