

TEST REPORT

NO. 02996-15-0516

ELSTEEL (Pvt) Ltd.
Spur Road-2, Phase-1, EPZ
Katunayake 11420
SRI LANKA

CLIENT

ELSTEEL (Pvt) Ltd.

MANUFACTURER

Low-voltage switchgear assembly

TEST OBJECT

PLUG & POWER FULLY WITHDRAWABLE UNITS

TYPE

Test sample

SERIAL NO.

Rated operational voltage	U_e	415 V	RATED CHARACTERISTICS GIVEN BY THE CLIENT
Permissible current under arcing conditions	$I_{p\ arc}$	65 kA	
Permissible arc duration	t_{arc}	100 ms	
Permissible conditional short-circuit current under arcing conditions	$I_{pc\ arc}$	70 kA	

IEC/TR 61641: 2014-09

NORMATIVE DOCUMENT

Tests under conditions of arcing due to an internal fault with a short-circuit current of 65 kA and 70 kA for a rated voltage of 415 V and a duration of short-circuit of 100 ms

RANGE OF TESTS PERFORMED

12 August 2015

DATE OF TEST

See Sub-clause 4.6

TEST RESULT



H. ZINNBAUER
Head of Centre of Competence
High-Power/High-Voltage
Berlin, 06 October 2015



S. GEORGAS
Test engineer in charge