

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 19 479 - 11 HH

Company Elsteel (Private) Ltd.
Spur Road 2, Phase 1, EPZ
11420 Katunayake, Sri Lanka

Product Description LV-Switchboard

Type TECHNO MODULE

Environmental Category A

Technical Data / Range of Application Modular low-voltage switchgear assembly comprising enclosure, busbar components and withdrawable units.
Final assembly by Elsteel (Private) Ltd. certified constructors according to ELSTEEL Constructors Manual.

Rated insulation voltage U_i :	up to 1000 VAC
Rated operation voltage U_e :	up to 690 VAC
Rated impulse voltage U_{imp} :	6/8 kV
Rated frequency f_n :	50/60 Hz
Rated current at 45°C ambient:	
Main busbar TM panels:	up to 7100 A
Main busbar TM light panels:	up to 800 A
IP-Rating:	41, 42, 43, 54, 55
Short circuit withstand current I_{cw} :	up to 100 kA/1sec
Peak withstand current I_p :	up to 220 kA

Test Standard Guidelines for the Performance of Type Approvals Chapter 2, Edition 2003
IEC 61439-1 (Ed.1.0 2009-01); IEC 60439-1 (Ed. 4.1 2004-04)

Documents Test report : Summary sheet as per ELSTEEL -Constructors Manual- Section 9:03
Version 5; issue date 06.05.201; ASTA-18047

Remarks Assembly drawings and corresponding test reports to be submitted by final assembler. Restrictions for forced air ventilated switchgear may apply.

Valid until 2016-08-04

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Hamburg, 2011-08-05

Type Approval Symbol



Germanischer Lloyd

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