

UL TYPE EXAMINATION CERTIFICATE

Certificate No.	UL TEC-01049
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Date of Issue	2021-05-30
Issued to	SAS POWER INDUSTRIES FZE (GALFAR AL MISNAD ENGINEERING & CONTRACTING WLL) PLOT NO-8, RAK ECONOMIC ZONE PO BOX 54505 RAS AL KHAIMAH UNITED ARAB EMIRATES
Manufacturer	SAS POWER INDUSTRIES FZE (GALFAR AL MISNAD ENGINEERING & CONTRACTING WLL) PLOT NO-8, RAK ECONOMIC ZONE PO BOX 54505 RAS AL KHAIMAH UNITED ARAB EMIRATES
Manufacturing site/location	SAS POWER INDUSTRIES FZE (GALFAR AL MISNAD ENGINEERING & CONTRACTING WLL) PLOT NO-8, RAK ECONOMIC ZONE PO BOX 54505 RAS AL KHAIMAH UNITED ARAB EMIRATES
Product Sample Description	1000A Low Voltage Power Switchgear and Controlgear assembly, extendable comprising of one incomer MCCB, seven outgoing MCCB, one outgoing star delta starter and one outgoing DOL starter with three-phase and neutral busbar system and a protective busbar. The Assembly is suitable for indoor use with metallic enclosure.
Designation	1000A DEFT PLUS SWITCH BOARD MDB/SMDB/MCC
Ratings	Rated operational voltage (Ue): 415V Rated insulation voltage (Ui) : 1000V for 1Q1, 2Q1, 2Q3, 3Q1, 3Q2 & 3Q6 : 800V for 3Q3 & 3Q5 : 690V for 2Q2 & 3Q4 Rated impulse withstand voltage (Uimp): 8kV for all component except 2Q2 & 3Q4 : 6kV for 2Q2 & 3Q4 Rated current of the ASSEMBLY (InA): 1000A Rated frequency (fn): 50Hz, Ambient Temperature: 50°C IP rating: IP 54 (Form 4b), Rated diversity factor (RDF): 1 Mechanical impact: IK10 Rated short time withstand current (Icw): 36kA for 3sec & 50kA for 1sec Refer Type Examination summary for other details (4789863221.1.1-B-S)
Product Sample Tested and found in compliance with Standard(s)	IEC 61439-2:2020, IEC 61439-1:2020
Test Report Nos.	4789863221.1.1-B issued on 2021-05-02
Additional information	N/A

Certification Manager
Jan-Erik Storgaard

Certification Body

This is to certify that the sample(s) of the Product described herein has been investigated and found to have been in compliance with the Standard(s) indicated on this Certificate, in accordance with the UL Type Examination Certificate Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Applicant. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured products. UL has not established Follow-Up Service or other surveillance of the product. The Applicant/ Manufacturer are solely and fully responsible for any declaration of ongoing conformity of all products to all applicable Standard(s), specifications or requirements. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

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