

To whom it may concern

Schneider Electric Industries SAS
Energy Business
Energy Products and Equipments

date : 03/08/2017

y. ref :

o. ref : SM6-36-20170803_01

Subject : SM6 36kV range:

- IEC Standards compliance
- compliance to the IEC standards of the units manufactured in Manisa Plant, Turkey

We undersigned, Bertrand VERPILLOT, SM6 36kV Range Technical Leader, and Avra PODDAR, SM6 36kV Range Product Manager, hereby declare that:

- the SM6 36kV range complies with the following IEC Standards:

Standards related to the switchgear itself including its main components:

IEC 62271-1	<i>High-voltage switchgear and controlgear - Part 1: Common specifications</i>
IEC 62271-200	<i>High-voltage switchgear and controlgear - Part 200: A.C. metal-enclosed switchgear and controlgear for rated voltage above 1 kV and up to and including 52 kV</i>
IEC 62271-100	<i>High-voltage switchgear and controlgear - Part 100: High-voltage alternating current circuit breakers</i>
IEC 62271-102	<i>High-voltage switchgear and controlgear - Part 102: High-voltage alternating current disconnectors and earthing switches</i>
IEC 62271-103	<i>High voltage switches - Part 1: switches for rated voltages above 1 kV and less or equal to 52 kV</i>
IEC 62271-105	<i>High-voltage switchgear and controlgear - Part 105: High voltage alternating current switch-fuse combinations</i>
IEC 62271-206	<i>High-voltage prefabricated switchgear and controlgear assemblies - Voltage presence indicating systems</i>

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IEC 62271-304	<i>High-voltage switchgear and controlgear - Part 304: Design classes for indoor enclosed switchgear and controlgear for rated voltages above 1 kV up to and including 52 kV to be used in severe climatic conditions</i>
IEC 60529	<i>Degrees of protection provided by enclosures (IP Code)</i>
IEEE – 693	<i>2005 IEEE Recommended Practice for Seismic Design of Substations</i>
EN600068-3-3	<i>1993 Environmental testing-Part 3: guidance, Seismic test methods for equipments</i>

Standards related to the herebelow indicated components (installed in the switchgear):

IEC 60255	<i>Electrical relays</i>
IEC 61869-2	<i>Instrument transformers - Part 1: Current transformers</i>
IEC 61869-3	<i>Instrument transformers - Part 2: Voltage transformers</i>
IEC 60044-8	<i>Instrument transformers - Part 8: Low Power Current Transducers</i>

- the SM6 36kV units, manufactured in Manisa Plant, in Turkey, are tested in the plant lab according to the IEC 62271-1 and IEC62271-200 standards.

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SM6 36kV Range Technical Leader



Avra PODDAR
SM6 36kV Range Product Manager

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