

Manufacturer's declaration on Short Circuit protection to PE for Variable Speed Drives (VSD)

Securing protection against electric shock when using Schneider Electric Altivar Process variable Speed drives, Altivar Process range, ATV212 series, (0.75kW to 75kW) according to EN/IEC61800-5-1

Manufacturer's declaration for initial verification according to IEC/HD 60364-6 (DIN VDE 0100-600; VDE 0100-600) and for follow up testing according to EN 50110-1 (DIN VDE 0105-100; VDE 0105-100)

TN System:

Fault protection according to IEC/HD 60364-4-41 (DIN VDE 0100-410; VDE 0100-410) for output circuits of above mentioned equipment is secured under the following conditions:

- The above mentioned equipment is installed according to the safety instructions of the manual.
- The installation meets the requirement of applicable standards of the IEC/HD 60364 (DIN VDE 0100; VDE 0100) series.
- The continuity of all associated PE and equipotential bonding conductors is secured including the bonding and connection points.

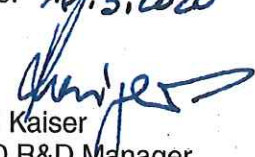

The above mentioned equipment complies with the protection measure "automatic disconnection of the supply" according to IEC/HD 60364-4-41 (DIN VDE 0100-410; VDE 0100-410):2007-06 clause 411.3.2.5 if above mentioned requirements are fulfilled.

This is based on following principle:

In case of a short circuit with negligible impedance to a PE conductor or against earth the above mentioned equipment will reduce the output voltage within a time which is required by table 41.1 of IEC/HD 60364-4-41 (DIN VDE 0100-410; VDE 0100-410):2007-06.

TT System:

- The use of RCD's or supplementary protective bonding according to IEC60361-4-41 clause 415 is required.

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 Karl Kaiser VSD R&D Manager	 Alain Bernerd Customer Satisfaction & Quality VP-IC&D

Schneider Electric Industries SAS

Postal address / Adresse postale :
Site Pacy sur Eure
Rue André Blanchet, 27120 Pacy-sur-Eure
Tel. +33 (0)2 32 78 11 40

<http://www.schneider-electric.com>

Legal information / Mentions légales
Société par actions simplifiée au capital de 896 313 776 euros
954 503 439 rcs Nanterre – code APE : 2712Z
Siret : 954 503 439 01719
n° ident. TVA : FR 04 954 503 439
Siège social : 35, rue Joseph Monier
F – 92500 Rueil-Malmaison