

CERTIFICATE

Issued to:
Applicant:
Schneider Electric Industries SAS
31 rue Pierre Mendès, Eybens F-38050 Grenoble
Cedex 9, France

Manufacturer/Licensee:
Schneider Electric Industries SAS
31 rue Pierre Mendès, Eybens F-38050 Grenoble
Cedex 9, France

Product(s) : Surge protective devices in photovoltaic applications
Trade name(s) : Schneider Electric
Type(s)/model(s) : iPRD 40r - 800 PV; iPRD 40r - 1000 PV

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 50539-11:2013
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2115383

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 29 October 2014 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3154502.01

DEKRA Certification B.V.


drs. G.J. Zoetbrood
Managing Director


Cliff Lin
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

product	:	Surge protective devices in photovoltaic applications
trade name	:	Schneider Electric
types	:	iPRD 40r - 800 PV iPRD 40r - 1000 PV
SPD type (Test class)	:	Type 2 (II)
maximum continuous operating voltage (U_{CPV})	:	See additional information
nominal discharge current (I_n)	:	15 kA
voltage protection level (U_p)	:	See additional information
total discharge current (I_{Total})	:	40 kA
short-circuit current rating (I_{SCPV})	:	200 A
modes of protection	:	+←→-, +→PE, -→PE
connection	:	2,5 mm ² - 35 mm ² solid or rigid stranded conductor 2,5 mm ² - 25 mm ² flexible conductor

Additional information

type	U_{CPV} (Vdc)	U_p (kV)
iPRD 40r - 800 PV	800	≤ 3,0
iPRD 40r - 1000 PV	1000	≤ 3,9

Rating for remote contact.

Rated voltage (U_n):	250 Vac	220 Vdc	30 Vdc
Rated current (I_n):	≤ 0,25 A	≤ 0,24 A	≤ 2 A
Connection:	max. 1,5 mm ² solid, rigid stranded or flexible conductor		

TESTS

Test requirements

EN 50539-11:2013

Test results

The test results are laid down in DEKRA test file 3154502.50 and 3154502.51.

Conclusion

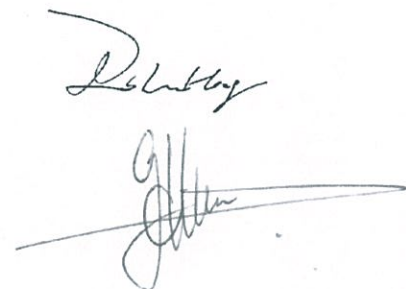
The examination proved that all test requirements were met.

Tested by : R. Hong

Checked by : J. C. Hendriksen

Factory location

Schneider Shanghai Low Voltage Terminal Apparatus Co., Ltd.
1319 Pingan Road, Minhang District, Shanghai P.R. China



List of components

Component	Trade name	Type/Model	Approval mark ¹⁾
Refer to TRF 3154502.50 and 3154502.51			
1) * indicates a component tested as part of the product.			