ATTESTATION OF CONFORMITY

Issued to:	Himel Hong Kong Limited 11/F Kerry Ctr 683 King's Rd, 999077 Quarry Bay, Hong Kong
For the product:	Surge Protective Devices
Trade name:	HIMEL or Himel
Type/Model:	HDY3N-II/XX/YYYY-ZZZ Note: Where “XX” could be 20, 40 or 65, “YYYY” could be 3P+N, 1P+N, 4P, 3P, 2P or 1P, “ZZZ” could be 275, 385 or 440.
Ratings:	Test class II / Type 2, I_{SCCR} = 500 A see further information on Annex
Manufactured by:	Delixi Electric Ltd. Delixi High Tech Industrial Park, Liushi Town, 325604 Yueqing Zhejiang, China
Requirements:	EN 61643-11:2012+A11:2018

This Attestation is granted on account of an examination by DEKRA Shanghai, the results of which are laid down in a confidential file no. 6114693.50 to 6114693.52.

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.

Arnhem, 23 February 2022 Number: 6114693.01AOC

DEKRA Certification B.V.

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Certification Manager

CE

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Annex

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Product data

Product	:	Surge Protective Devices
Trade name(s)	:	HIMEL or
Type(s)/model(s)	:	HDY3N-II/XX/YYYY-ZZZ
Note	:	Where “XX” could be 20, 40 or 65, “YYYY” could be 3P+N, 1P+N, 4P, 3P, 2P or 1P, “ZZZ” could be 275, 385 or 440
Number of port(s)	:	One
SPD type (Test class)	:	Type 2 (II)
Short-circuit current rating (I_{SCCR})	:	500 A
Connection (L, N, PE)	:	2,5 mm^2 to 35 mm^2

Product data – type HDY3N-II/XX/1P+N-275 and HDY3N-II/XX/3P+N-275

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	275 V~(L-N), 255 V~(N-PE)
Nominal discharge current (In 8/20µs)	:	10/20/30 kA (L-N), 30 kA (N-PE)
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA(L-N), 65 kA (N-PE)
Voltage protection level (Up)	:	1,3/1,5/1,6 kV(L-N), 1,5 kV(N-PE)
Modes of protection	:	L-N and N-PE

Product data – type HDY3N-II/XX/1P+N-385 and HDY3N-II/XX/3P+N-385

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	385 V~(L-N), 255 V~(N-PE)
Nominal discharge current (In 8/20µs)	:	10/20/30 kA (L-N), 30 kA (N-PE)
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA(L-N), 65 kA (N-PE)
Voltage protection level (Up)	:	1,6/1,8/2,0 kV(L-N), 1,5 kV(N-PE)
Modes of protection	:	L-N and N-PE

Product data – type HDY3N-II/XX/1P+N-440 and HDY3N-II/XX/3P+N-440

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	440 V~(L-N), 255 V~(N-PE)
Nominal discharge current (In 8/20µs)	:	10/20/30 kA (L-N), 30 kA (N-PE)
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA(L-N), 65 kA (N-PE)
Voltage protection level (Up)	:	1,8/2,0/2,2 kV(L-N), 1,5 kV(N-PE)
Modes of protection	:	L-N and N-PE

Product data – type HDY3N-II/XX/1P-275

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	275 V~
Nominal discharge current (In 8/20µs)	:	10/20/30 kA
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA
Voltage protection level (Up)	:	1,3/1,5/1,6 kV
Modes of protection	:	L-N/L-PE

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Product data – type HDY3N-II/XX/1P-385

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	385 V~
Nominal discharge current (In 8/20µs)	:	10/20/30 kA
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA
Voltage protection level (Up)	:	1,6/1,8/2,0 kV
Modes of protection	:	L-N/L-PE

Product data – type HDY3N-II/XX/1P-440

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	440 V~
Nominal discharge current (In 8/20µs)	:	10/20/30 kA
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA
Voltage protection level (Up)	:	1,8/2,0/2,2 kV
Modes of protection	:	L-N/L-PE

Product data – type HDY3N-II/XX/2P-275 and HDY3N-II/XX/4P-275

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	275 V~
Nominal discharge current (In 8/20µs)	:	10/20/30 kA
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA
Voltage protection level (Up)	:	1,3/1,5/1,6 kV
Modes of protection	:	L-PE and N-PE

Product data – type HDY3N-II/XX/2P-385 and HDY3N-II/XX/4P-385

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	385 V~
Nominal discharge current (In 8/20µs)	:	10/20/30 kA
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA
Voltage protection level (Up)	:	1,6/1,8/2,0 kV
Modes of protection	:	L-PE and N-PE

Product data – type HDY3N-II/XX/2P-440 and HDY3N-II/XX/4P-440

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	440 V~
Nominal discharge current (In 8/20µs)	:	10/20/30 kA
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA
Voltage protection level (Up)	:	1,8/2,0/2,2 kV
Modes of protection	:	L-PE and N-PE

Product data – type HDY3N-II/XX/3P-275

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	275 V~
Nominal discharge current (In 8/20µs)	:	10/20/30 kA
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA
Voltage protection level (Up)	:	1,3/1,5/1,6 kV
Modes of protection	:	L-PEN

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Product data – type HDY3N-II/XX/3P-385

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	385 V~
Nominal discharge current (In 8/20µs)	:	10/20/30 kA
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA
Voltage protection level (Up)	:	1,6/1,8/2,0 kV
Modes of protection	:	L-PEN

Product data – type HDY3N-II/XX/3P-440

Description	:	XX = 20, 40 or 65
Maximum continuous operating voltage (Uc)	:	440 V~
Nominal discharge current (In 8/20µs)	:	10/20/30 kA
Maximum discharge current (Imax 8/20µs)	:	20/40/65 kA
Voltage protection level (Up)	:	1,8/2,0/2,2 kV
Modes of protection	:	L-PEN