



Product Service

CERTIFICATE

No. Z1A 109868 0003 Rev. 00

Holder of Certificate: **HN Electronic Components GmbH & Co., KG**
Birkenweiherstrasse 16
63505 Langenselbold
GERMANY

Certification Mark:



Product: **Adaptors
(SWITCHING ADAPTER)**

Tested according to: EN 62368-1:2014/A11:2017
EN 61347-1:2015
EN 61347-2-13:2014/A1:2017
EN 62493:2015
AfPS GS 2019:01 PAK
EK1 557-13

The product meets the safety and health requirements of the German Product Safety Act section 20 to 22 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition, the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64210200049201A

Valid until: 2025-05-13

Date, 2020-11-16

(Michael Xu)

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Factories:

005308

Model(s):

HNP12-042L6,HNP12I-042L6,HNP12-043L6,
HNP12I-043L6,HNP12-044L6,HNP12I-044L6,
HNP12-045L6,HNP12I-045L6,HNP12-046L6,
HNP12I-046L6,HNP12-047L6,HNP12I-047L6,
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HNP12I-049L6,HNP12-050L6,HNP12I-050L6,
HNP12-MicroUSBL6,HNP12I-MicroUSBL6,
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HNP12I-102L6,HNP12-103L6,HNP12I-103L6,
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HNP12-237L6,HNP12I-237L6,HNP12-238L6,

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**HNP12I-238L6, HNP12-239L6, HNP12I-239L6,
HNP12-240L6, HNP12I-240L6.**

Parameters:

Rated Input: 100-240VAC, 50/60Hz, 0.45A

Rated Output: See below table for details

Protection Class: II

Degree of Protection: IP20

Model name		Rated output Voltage (VDC)	Rated output Current (A)	Max. output power (W)
HNP12-042L6	HNP12I-042L6	4.2	2.1	8.82
HNP12-043L6	HNP12I-043L6	4.3	2.1	9.03
HNP12-044L6	HNP12I-044L6	4.4	2.1	9.24
HNP12-045L6	HNP12I-045L6	4.5	2.1	9.45
HNP12-046L6	HNP12I-046L6	4.6	2.1	9.66
HNP12-047L6	HNP12I-047L6	4.7	2.1	9.87
HNP12-048L6	HNP12I-048L6	4.8	2.1	10.08
HNP12-049L6	HNP12I-049L6	4.9	2.1	10.29
HNP12-050L6	HNP12I-050L6	5.0	2.4	12.0
HNP12-MicroUSBL6	HNP12I-MicroUSBL6	5.0	2.4	12.0
HNP12-USBL6	HNP12I-USBL6	5.0	2.4	12.0
HNP12-051L6	HNP12I-051L6	5.1	2.35	11.985
HNP12-051-MicroUSBL6	HNP12I-051-MicroUSBL6	5.1	2.35	11.985
HNP12-052L6	HNP12I-052L6	5.2	2.3	11.96
HNP12-053L6	HNP12I-053L6	5.3	2.25	11.925
HNP12-054L6	HNP12I-054L6	5.4	2.2	11.88
HNP12-055L6	HNP12I-055L6	5.5	2.15	11.825
HNP12-056L6	HNP12I-056L6	5.6	2.1	11.76
HNP12-057L6	HNP12I-057L6	5.7	2.1	11.97
HNP12-058L6	HNP12I-058L6	5.8	2.05	11.89
HNP12-059L6	HNP12I-059L6	5.9	2.0	11.8
HNP12-060L6	HNP12I-060L6	6.0	2.0	12.0
HNP12-061L6	HNP12I-061L6	6.1	1.95	11.895
HNP12-062L6	HNP12I-062L6	6.2	1.9	11.78
HNP12-063L6	HNP12I-063L6	6.3	1.9	11.97
HNP12-064L6	HNP12I-064L6	6.4	1.85	11.84
HNP12-065L6	HNP12I-065L6	6.5	1.85	12.025
HNP12-066L6	HNP12I-066L6	6.6	1.8	11.88
HNP12-067L6	HNP12I-067L6	6.7	1.8	12.06
HNP12-068L6	HNP12I-068L6	6.8	1.75	11.9
HNP12-069L6	HNP12I-069L6	6.9	1.75	12.075
HNP12-070L6	HNP12I-070L6	7.0	1.7	11.9
HNP12-071L6	HNP12I-071L6	7.1	1.7	12.07
HNP12-072L6	HNP12I-072L6	7.2	1.65	11.88
HNP12-073L6	HNP12I-073L6	7.3	1.65	12.045
HNP12-074L6	HNP12I-074L6	7.4	1.6	11.84
HNP12-075L6	HNP12I-075L6	7.5	1.6	12.0
HNP12-075L6-A	HNP12I-075L6-A	7.5	1.35	10.125
HNP12-076L6	HNP12I-076L6	7.6	1.55	11.78
HNP12-077L6	HNP12I-077L6	7.7	1.55	11.935
HNP12-078L6	HNP12I-078L6	7.8	1.55	12.09
HNP12-079L6	HNP12I-079L6	7.9	1.5	11.85
HNP12-080L6	HNP12I-080L6	8.0	1.5	12.0
HNP12-081L6	HNP12I-081L6	8.1	1.45	11.745
HNP12-082L6	HNP12I-082L6	8.2	1.45	11.89
HNP12-083L6	HNP12I-083L6	8.3	1.45	12.035

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HNP12-084L6	HNP12I-084L6	8.4	1.4	11.76
HNP12-085L6	HNP12I-085L6	8.5	1.4	11.9
HNP12-086L6	HNP12I-086L6	8.6	1.4	12.04
HNP12-087L6	HNP12I-087L6	8.7	1.35	11.745
HNP12-088L6	HNP12I-088L6	8.8	1.35	11.88
HNP12-089L6	HNP12I-089L6	8.9	1.35	12.015
HNP12-090L6	HNP12I-090L6	9.0	1.3	11.7
HNP12-091L6	HNP12I-091L6	9.1	1.3	11.83
HNP12-092L6	HNP12I-092L6	9.2	1.3	11.96
HNP12-093L6	HNP12I-093L6	9.3	1.3	12.09
HNP12-094L6	HNP12I-094L6	9.4	1.15	10.81
HNP12-095L6	HNP12I-095L6	9.5	1.15	10.925
HNP12-096L6	HNP12I-096L6	9.6	1.15	11.04
HNP12-097L6	HNP12I-097L6	9.7	1.15	11.155
HNP12-098L6	HNP12I-098L6	9.8	1.15	11.27
HNP12-099L6	HNP12I-099L6	9.9	1.15	11.385
HNP12-100L6	HNP12I-100L6	10.0	1.15	11.5
HNP12-101L6	HNP12I-101L6	10.1	1.15	11.615
HNP12-102L6	HNP12I-102L6	10.2	1.15	11.73
HNP12-103L6	HNP12I-103L6	10.3	1.15	11.845
HNP12-104L6	HNP12I-104L6	10.4	1.15	11.96
HNP12-105L6	HNP12I-105L6	10.5	1.15	12.075
HNP12-106L6	HNP12I-106L6	10.6	1.1	11.66
HNP12-107L6	HNP12I-107L6	10.7	1.1	11.77
HNP12-108L6	HNP12I-108L6	10.8	1.1	11.88
HNP12-109L6	HNP12I-109L6	10.9	1.1	11.99
HNP12-110L6	HNP12I-110L6	11.0	1.1	12.10
HNP12-111L6	HNP12I-111L6	11.1	1.05	11.655
HNP12-112L6	HNP12I-112L6	11.2	1.05	11.76
HNP12-113L6	HNP12I-113L6	11.3	1.05	11.865
HNP12-114L6	HNP12I-114L6	11.4	1.05	11.97
HNP12-115L6	HNP12I-115L6	11.5	1.05	12.075
HNP12-116L6	HNP12I-116L6	11.6	1.0	11.6
HNP12-117L6	HNP12I-117L6	11.7	1.0	11.7
HNP12-118L6	HNP12I-118L6	11.8	1.0	11.8
HNP12-119L6	HNP12I-119L6	11.9	1.0	11.9
HNP12-120L6	HNP12I-120L6	12.0	1.0	12.0
HNP12-120L6-OTEG	HNP12I-120L6- OTEG	12.0	1.0	12.0
HNP12-121L6	HNP12I-121L6	12.1	0.95	11.495
HNP12-122L6	HNP12I-122L6	12.2	0.95	11.59
HNP12-123L6	HNP12I-123L6	12.3	0.95	11.685
HNP12-124L6	HNP12I-124L6	12.4	0.95	11.78
HNP12-125L6	HNP12I-125L6	12.5	0.95	11.875
HNP12-126L6	HNP12I-126L6	12.6	0.95	11.97
HNP12-127L6	HNP12I-127L6	12.7	0.95	12.065
HNP12-128L6	HNP12I-128L6	12.8	0.90	11.52
HNP12-129L6	HNP12I-129L6	12.9	0.90	11.61
HNP12-130L6	HNP12I-130L6	13.0	0.90	11.7
HNP12-131L6	HNP12I-131L6	13.1	0.90	11.79
HNP12-132L6	HNP12I-132L6	13.2	0.90	11.88
HNP12-133L6	HNP12I-133L6	13.3	0.90	11.97
HNP12-134L6	HNP12I-134L6	13.4	0.90	12.06
HNP12-135L6	HNP12I-135L6	13.5	0.85	11.475
HNP12-136L6	HNP12I-136L6	13.6	0.85	11.56
HNP12-137L6	HNP12I-137L6	13.7	0.85	11.645
HNP12-138L6	HNP12I-138L6	13.8	0.85	11.73
HNP12-139L6	HNP12I-139L6	13.9	0.85	11.815
HNP12-140L6	HNP12I-140L6	14.0	0.85	11.9
HNP12-141L6	HNP12I-141L6	14.1	0.85	11.985
HNP12-142L6	HNP12I-142L6	14.2	0.80	11.36

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HNP12-143L6	HNP12I-143L6	14.3	0.80	11.44
HNP12-144L6	HNP12I-144L6	14.4	0.80	11.52
HNP12-145L6	HNP12I-145L6	14.5	0.80	11.6
HNP12-146L6	HNP12I-146L6	14.6	0.80	11.68
HNP12-147L6	HNP12I-147L6	14.7	0.80	11.76
HNP12-148L6	HNP12I-148L6	14.8	0.80	11.84
HNP12-149L6	HNP12I-149L6	14.9	0.80	11.92
HNP12-150L6	HNP12I-150L6	15.0	0.80	12.0
HNP12-150L6-RJ22-wh	HNP12I-150L6-RJ22-wh	15.0	0.80	12.0
HNP12-151L6	HNP12I-151L6	15.1	0.75	11.325
HNP12-152L6	HNP12I-152L6	15.2	0.75	11.4
HNP12-153L6	HNP12I-153L6	15.3	0.75	11.475
HNP12-154L6	HNP12I-154L6	15.4	0.75	11.55
HNP12-155L6	HNP12I-155L6	15.5	0.75	11.625
HNP12-156L6	HNP12I-156L6	15.6	0.75	11.7
HNP12-157L6	HNP12I-157L6	15.7	0.75	11.775
HNP12-158L6	HNP12I-158L6	15.8	0.75	11.85
HNP12-159L6	HNP12I-159L6	15.9	0.75	11.925
HNP12-160L6	HNP12I-160L6	16.0	0.70	11.2
HNP12-161L6	HNP12I-161L6	16.1	0.70	11.27
HNP12-162L6	HNP12I-162L6	16.2	0.70	11.34
HNP12-163L6	HNP12I-163L6	16.3	0.70	11.41
HNP12-164L6	HNP12I-164L6	16.4	0.70	11.48
HNP12-165L6	HNP12I-165L6	16.5	0.70	11.55
HNP12-166L6	HNP12I-166L6	16.6	0.70	11.62
HNP12-167L6	HNP12I-167L6	16.7	0.70	11.69
HNP12-168L6	HNP12I-168L6	16.8	0.70	11.76
HNP12-169L6	HNP12I-169L6	16.9	0.70	11.83
HNP12-170L6	HNP12I-170L6	17.0	0.70	11.9
HNP12-171L6	HNP12I-171L6	17.1	0.70	11.97
HNP12-172L6	HNP12I-172L6	17.2	0.70	12.04
HNP12-173L6	HNP12I-173L6	17.3	0.65	11.245
HNP12-174L6	HNP12I-174L6	17.4	0.65	11.31
HNP12-175L6	HNP12I-175L6	17.5	0.65	11.375
HNP12-176L6	HNP12I-176L6	17.6	0.65	11.44
HNP12-177L6	HNP12I-177L6	17.7	0.65	11.505
HNP12-178L6	HNP12I-178L6	17.8	0.65	11.57
HNP12-179L6	HNP12I-179L6	17.9	0.65	11.635
HNP12-180L6	HNP12I-180L6	18.0	0.65	11.7
HNP12-181L6	HNP12I-181L6	18.1	0.65	11.765
HNP12-182L6	HNP12I-182L6	18.2	0.65	11.83
HNP12-183L6	HNP12I-183L6	18.3	0.65	11.895
HNP12-184L6	HNP12I-184L6	18.4	0.65	11.96
HNP12-185L6	HNP12I-185L6	18.5	0.65	12.025
HNP12-186L6	HNP12I-186L6	18.6	0.60	11.16
HNP12-187L6	HNP12I-187L6	18.7	0.60	11.22
HNP12-188L6	HNP12I-188L6	18.8	0.60	11.28
HNP12-189L6	HNP12I-189L6	18.9	0.60	11.34
HNP12-190L6	HNP12I-190L6	19.0	0.60	11.4
HNP12-191L6	HNP12I-191L6	19.1	0.60	11.46
HNP12-192L6	HNP12I-192L6	19.2	0.60	11.52
HNP12-193L6	HNP12I-193L6	19.3	0.60	11.58
HNP12-194L6	HNP12I-194L6	19.4	0.60	11.64
HNP12-195L6	HNP12I-195L6	19.5	0.60	11.7
HNP12-196L6	HNP12I-196L6	19.6	0.60	11.76
HNP12-197L6	HNP12I-197L6	19.7	0.60	11.82
HNP12-198L6	HNP12I-198L6	19.8	0.60	11.88
HNP12-199L6	HNP12I-199L6	19.9	0.60	11.94
HNP12-200L6	HNP12I-200L6	20.0	0.60	12.0
HNP12-201L6	HNP12I-201L6	20.1	0.55	11.055

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HNP12-202L6	HNP12I-202L6	20.2	0.55	11.11
HNP12-203L6	HNP12I-203L6	20.3	0.55	11.165
HNP12-204L6	HNP12I-204L6	20.4	0.55	11.22
HNP12-205L6	HNP12I-205L6	20.5	0.55	11.275
HNP12-206L6	HNP12I-206L6	20.6	0.55	11.33
HNP12-207L6	HNP12I-207L6	20.7	0.55	11.385
HNP12-208L6	HNP12I-208L6	20.8	0.55	11.44
HNP12-209L6	HNP12I-209L6	20.9	0.55	11.495
HNP12-210L6	HNP12I-210L6	21.0	0.55	11.55
HNP12-211L6	HNP12I-211L6	21.1	0.55	11.605
HNP12-212L6	HNP12I-212L6	21.2	0.55	11.66
HNP12-213L6	HNP12I-213L6	21.3	0.55	11.715
HNP12-214L6	HNP12I-214L6	21.4	0.55	11.77
HNP12-215L6	HNP12I-215L6	21.5	0.55	11.825
HNP12-216L6	HNP12I-216L6	21.6	0.55	11.88
HNP12-217L6	HNP12I-217L6	21.7	0.55	11.935
HNP12-218L6	HNP12I-218L6	21.8	0.55	11.99
HNP12-219L6	HNP12I-219L6	21.9	0.50	10.95
HNP12-220L6	HNP12I-220L6	22.0	0.50	11.0
HNP12-221L6	HNP12I-221L6	22.1	0.50	11.05
HNP12-222L6	HNP12I-222L6	22.2	0.50	11.1
HNP12-223L6	HNP12I-223L6	22.3	0.50	11.15
HNP12-224L6	HNP12I-224L6	22.4	0.50	11.2
HNP12-225L6	HNP12I-225L6	22.5	0.50	11.25
HNP12-226L6	HNP12I-226L6	22.6	0.50	11.3
HNP12-227L6	HNP12I-227L6	22.7	0.50	11.35
HNP12-228L6	HNP12I-228L6	22.8	0.50	11.4
HNP12-229L6	HNP12I-229L6	22.9	0.50	11.45
HNP12-230L6	HNP12I-230L6	23.0	0.50	11.5
HNP12-231L6	HNP12I-231L6	23.1	0.50	11.55
HNP12-232L6	HNP12I-232L6	23.2	0.50	11.6
HNP12-233L6	HNP12I-233L6	23.3	0.50	11.65
HNP12-234L6	HNP12I-234L6	23.4	0.50	11.7
HNP12-235L6	HNP12I-235L6	23.5	0.50	11.75
HNP12-236L6	HNP12I-236L6	23.6	0.50	11.8
HNP12-237L6	HNP12I-237L6	23.7	0.50	11.85
HNP12-238L6	HNP12I-238L6	23.8	0.50	11.9
HNP12-239L6	HNP12I-239L6	23.9	0.50	11.95
HNP12-240L6	HNP12I-240L6	24.0	0.50	12.0