



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Schneider Electric Industries SAS
Address	35 RUE JOSEPH MONIER, RUEIL MALMAISON, 92500, France
Place of Production	Schneider Electric Alpes ZI Alpespace, Voie Isaac Newton, Francin, 73800, France
Place of Production	SCHNEIDER SHANGHAI POWER DISTRIBUTION ELEC. APP. CO LTD 833 Kang Qiao Road Pudong Area, Shanghai, 201315, China
Place of Production	Schneider Electric France Mastertech 70 Rue de la Grange Batie, Z.I. Centr'Alp, Moirans, 38430, France
Place of Production	Schneider Electric India Pvt Ltd. Survey No. 215, Gagillapur Village, Medak Road, Rangareddy District, Hyderabad, 500043, India
Type	Circuit Breakers (Env Tested)
Description	Air circuit breaker (ACB) ,3 & 4 pole, fixed and draw out type, equipped with MicroLogic trip units. Switch disconnecter, 3 and 4 poles, fixed and draw out type.

Matt Higgins

Electrical & Control - Senior Specialist to
Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Trade Name	Masterpact NW
Application	Marine, offshore and industrial use in environmental categories ENV1, ENV2 and ENV3 as defined in LR Test Specification No. 1: 2021.
Specified Standard	IEC 60947-1 Ed5.2 IEC 60947-2 Ed5.1 IEC 60947-3 Ed4. IACS E10 Rev 9
Ratings	Please see Appendix

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 02/00038(E4)

The Design Appraisal Document LR2475044TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2475044TA

Appendix

Circuit Breakers

Type	Rated Current (A) at 40° C	Rated Voltage (V)	Breaking Capacity Icu/Ics (kA)	Making Capacity Icm (kA)	Overcurrent Release
N1					
NW08	800	220/690	42/42	88	See Note (1)
NW10	1000	220/690	42/42	88	See Note (1)
NW12	1250	220/690	42/42	88	See Note (1)
NW16	1600	220/690	42/42	88	See Note (1)

RATINGS (cont.)

Circuit Breakers

Type	Rated Current (A) at 40° C	Rated Voltage (V)	Breaking Capacity Icu/Ics (kA)	Making Capacity Icm (kA)	Overcurrent Release
H1					
NW08	800	220/690	65/65	143	See Note (1)
NW10	1000	220/690	65/65	143	See Note (1)
NW12	1250	220/690	65/65	143	See Note (1)
NW16	1600	220/690	65/65	143	See Note (1)
NW20	2000	220/690	65/65	143	See Note (1)
NW25	2500	220/690	65/65	143	See Note (1)
NW32	3200	220/690	65/65	143	See Note (1)
NW40	4000	220/690	65/65	143	See Note (1)
H2					
NW08	800	220/440	100/100	220	See Note (1)
NW10	1000	220/440	100/100	220	See Note (1)
NW12	1250	220/440	100/100	220	See Note (1)
NW16	1600	220/440	100/100	220	See Note (1)
NW20	2000	220/440	100/100	220	See Note (1)
NW25	2500	220/440	100/100	220	See Note (1)
NW32	3200	220/440	100/100	220	See Note (1)
NW40	4000	220/440	100/100	220	See Note (1)
H2					
NW08	800	525/690	85/85	187	See Note (1)
NW10	1000	525/690	85/85	187	See Note (1)
NW12	1250	525/690	85/85	187	See Note (1)
NW16	1600	525/690	85/85	187	See Note (1)
NW20	2000	525/690	85/85	187	See Note (1)

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NW25	2500	525/690	85/85	187	See Note (1)
NW32	3200	525/690	85/85	187	See Note (1)
NW40	4000	525/690	85/85	187	See Note (1)
L1					
NW08	800	220/440	150/150	330	See Note (1)
NW10	1000	220/440	150/150	330	See Note (1)
NW12	1250	220/440	150/150	330	See Note (1)
NW16	1600	220/440	150/150	330	See Note (1)
NW20	2000	220/440	150/150	330	See Note (1)

RATINGS (cont.)

Circuit Breakers

Type	Rated Current (A) at 40° C	Rated Voltage (V)	Breaking Capacity Icu/Ics (kA)	Making Capacity Icm (kA)	Overcurrent Release
<i>L1</i>					
NW08	800	525	130/130	286	See Note (1)
NW10	1000	525	130/130	286	See Note (1)
NW12	1250	525	130/130	286	See Note (1)
NW16	1600	525	130/130	286	See Note (1)
NW20	2000	525	130/130	286	See Note (1)
<i>L1</i>					
NW08	800	690	100/100	220	See Note (1)
NW10	1000	690	100/100	220	See Note (1)
NW12	1250	690	100/100	220	See Note (1)
NW16	1600	690	100/100	220	See Note (1)
NW20	2000	690	100/100	220	See Note (1)
<i>H1</i>					
NW40 b	4000	220/690	100/100	220	See Note (1)
NW50	5000	220/690	100/100	220	See Note (1)
NW63	6300	220/690	100/100	220	See Note (1)

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H2					
NW40 b	4000	220/440	150/150	330	See Note (1)
NW50	5000	220/440	150/150	330	See Note (1)
NW63	6300	220/440	150/150	330	See Note (1)
H2					
NW40 b	4000	525	130/130	286	See Note (1)
NW50	5000	525	130/130	286	See Note (1)
NW63	6300	525	130/130	286	See Note (1)
H2					
NW40 b	4000	690	100/100	220	See Note (1)
NW50	5000	690	100/100	220	See Note (1)
NW63	6300	690	100/100	220	See Note (1)
H3					
NW20	2000	220/440	150/150	330	See Note (1)
NW25	2500	220/440	150/150	330	See Note (1)
NW32	3200	220/440	150/150	330	See Note (1)
NW40	4000	220/440	150/150	330	See Note (1)
H3					
NW20	2000	525	130/130	286	See Note (1)
NW25	2500	525	130/130	286	See Note (1)
NW32	3200	525	130/130	286	See Note (1)
NW40	4000	525	130/130	286	See Note (1)
H3					
NW20	2000	690	100/100	220	See Note (1)
NW25	2500	690	100/100	220	See Note (1)
NW32	3200	690	100/100	220	See Note (1)
NW40	4000	690	100/100	220	See Note (1)

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RATINGS (cont.)

Load Switch Disconnectors

Type	Rated Current (A) at 40° C	Rated Voltage (V)	Short Time Withstand Current Icw/1sec (kA) / 3 sec.	Making Capacity Icm (kA)
NA				
NW08	800	220/690	42	88
NW10	1000	220/690	42	88
NW12	1250	220/690	42	88
NW16	1600	220/690	42	88
HA				
NW08	800	220/690	65/36	143
NW10	1000	220/690	65/36	143
NW12	1250	220/690	65/36	143
NW16	1600	220/690	65/36	143
NW20	2000	220/690	65/36	143

HA				
NW25	2500	220/690	65/55	143
NW32	3200	220/690	65/55	143
NW40	4000	220/690	65/55	143
HA				
NW40 b	4000	220/690	85/85	187
NW50	5000	220/690	85/85	187
NW63	6300	220/690	85/85	187

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HF				
NW08	800	220/690	85/50	187
NW10	1000	220/690	85/50	187
NW12	1250	220/690	85/50	187
NW16	1600	220/690	85/50	187
NW20	2000	220/690	85/75	187
NW25	2500	220/690	85/75	187
NW32	3200	220/690	85/75	187
NW40	4000	220/690	85/75	187

Note (1)

Micrologic Control Units

2.0 - 5.0 - 6.0 A

2.0-5.0-6.0 E

5.0 - 6.0 - P

5.0 - 6.0 - H

