



Certificate of Type Approval

This is to certify that Schneider Electric S.A. (Grenoble)
has met the requirements of ABS Product Type Approval for
Power Circuit Breaker "Masterpact"

Model Name(s): Type NW with suffix N1, H1, H2, H3, L1 with release Micrologic
5.0, 6.0, 7.0

Presented to:

Schneider Electric S.A. (Grenoble)
Usine De Bresson (Merlin Gerin AFI 38C)
Grenoble
Cedex 9
F-38050

Intended Service:

Electrical Installations Protection

Description:

3 and 4 Pole, Class B, Adjustable Circuit Breaker. Fixed or drawout versions, with either front or rear connections

Ratings:

Max continuous current ratings: 400 A to 6300 A Rated insulation voltage: 1000 V a.c. Max rated operational voltage: 690 V a.c. Rated frequency: 50-60 Hz Max short-circuit interrupting ratings and short-time ratings: N1 up to 1600 A, lcs: (42 kA@440/525/690 V), lcs: 42 kA, 1 second H1 up to 4000 A, lcs: (65 kA@440/525/690V), lcs: 65 kA, 1 second H1 5000-6300 A, lcs: (100 kA@440/525/690 V), lcs: 100 kA, 3 seconds H2 up to 4000 A, lcs: (100 kA@440V, 85 kA@525/690V), lcs: 85 kA, 1 second H2 5000-6300 A, lcs: (150 kA@ 440V, 130 kA@ 525V and 100 kA@690V), lcs: 100 kA, 3 s H3 2000-4000 A, lcs: (150 kA@440V, 130 kA@525V and 100 kA@690V), lcs: 65 kA, 3 s L1 up to 2000 A, lcs: (150 kA@440V, 130 kA@525V and 100 kA@690V), lcs: 30 kA, 3 s

Service Restrictions:

Not Applicable

Comments:

N1-indicates Normal type, H1-H2-H3 indicate Heavy duty types, L1-indicates current Limiting type

ABS Rules:

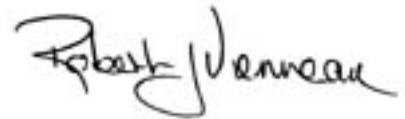
SVR 2001 Rules, 4-8-3/5.3.3

National Standards:

VDE 0660 ; BS4752 ; AS2184 ;NFC 63120 ; SABS 156

International Standards:

IEC 60947-2 ; IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-30, IEC 60068-2-52, IEC 92504, Sec.3 and IEC 60947-2 Appendix F

Government Authority:**Others:**

Manager, ABS Programs

ABS has used due diligence in the preparation of this certificate and it represents the information on the product in the ABS Records as of the date and time the certificate was printed. Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. Limited circumstances may allow only Prototype Testing to satisfy Type Approval. The approvals of Drawings and Products remain valid as long as the ABS Rule, to which they were assessed, remains valid. ABS cautions manufacturers to review and maintain compliance with all other specifications to which the product may have been assessed. Further, unless it is specifically indicated in the description of the product; Type Approval does not necessarily waive witnessed inspection or survey procedures (where otherwise required) for products to be used in a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS. Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.

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