

IEC

IECEE

Ref. Certif. No.

FR\_720133

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Circuit-breaker  
Air circuit breaker

Name and address of the applicant

SCHNEIDER ELECTRIC INDUSTRIES SAS  
35, rue Joseph Monier 92500 RUEIL MALMAISON - FRANCE

Name and address of the manufacturer

SCHNEIDER ELECTRIC INDUSTRIES SAS  
35, rue Joseph Monier 92500 RUEIL MALMAISON - FRANCE

Name and address of the factory

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

MasterPacT NW 08/10/12/16/20/25/32/40 H10

Additional information (if necessary may also be reported on page 2)

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60947-1:2007 +A1:2010 +A2:2014  
IEC 60947-2:2016 +A1:2019

As shown in the Test Report Ref. No. which forms part of this Certificate

24119Y90030

This CB Test Certificate is issued by the National Certification Body



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE  
33 avenue du Général Leclerc  
92260 Fontenay-aux-Roses, FRANCE  
[www.lcie.fr](http://www.lcie.fr)

Date: 27/09/2024



LABORATOIRE CENTRAL DES  
INDUSTRIES ELECTRIQUES  
S.A.S au capital de 15.745.984 €  
RCS Nanterre B 408 363 174  
33 avenue du Général Leclerc  
F - 92266 FONTENAY AUX ROSES

Signature:   
Julien GAUTHIER  
Certification Officer

## ANNEX

### Name and address of the factories:

**SCHNEIDER SHANGHAI POWER DISTRIBUTION ELEC. APP. Co. Ltd**  
 No.833 Kangqiao Road, Kangqiao Industrial Development Zone Pudong District 201315 SHANGHAI - CHINA

**Schneider Electric India Pvt Ltd**  
 SURVEY NO 215, GAGILLAPUR VILLAGE, MEDAK ROAD, RANGAREDDY DISTRICT  
 500 043 HYDERABAD (A.P.) - INDIA

**SCHNEIDER ELECTRIC Alpes**  
 Zone d'activités Alpespace, Rue Isaac Newton 73800 Porte-de-Savoie - FRANCE

### References, ratings and main characteristics:

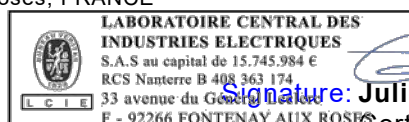
Reference	Rated current In(A)	Reference	Rated current In(A)
NW08 H10	800A	NW10 H10	1000A
NW12 H10	1250A	NW16 H10	1600A
NW20 H10	2000A	NW25 H10	2500A
NW32 H10	3200A	NW40 H10	4000A

<i>Selectivity category</i>	B
<i>Interruption medium</i>	Air
<i>Design</i>	Moulded case
<i>Method of controlling the operating mechanism</i>	stored energy operation
<i>Suitability for isolation</i>	Suitable
<i>Provision for maintenance</i>	Maintainable
<i>Method of installation</i>	Withdrawable
<i>Type of release</i>	Electronic Micrologic 2.0A/5.0A/ 6.0A/7.0A; 5.0P/ 6.0P/7.0P, 5.0H/ 6.0H/7.0H
<i>Rated operational voltage</i> Ue : (V)	690VAC, 1000VAC, 1150VAC
<i>Rated insulation voltage</i> Ui : (V)	1250V
<i>Rated impulse withstand voltage</i> Uimp : (kV)	12kV
<i>Rated current</i> In : (A)	See above table
<i>Conventional free air thermal current</i> Ith : (A)	Equal to In
<i>Rated current for four pole circuit-breakers</i> : (A)	Equal to In
<i>Rated frequency</i> : (Hz)	50/60Hz
<i>Nature of supply</i> :	AC
<i>Total number of poles</i> :	3P,4P
<i>Rated duty</i>	uninterrupted duty
<i>Rated ultimate short-circuit breaking capacity</i> Icu : (A)	50kA
<i>Rated service short-circuit breaking capacity</i> Ics : (A)	100%Icu
<i>Rated short-time withstand current</i> Icw : (A)	50kA/3s
<i>Circuit-breaker for use in IT systems</i>	I <sub>IT</sub> = 50kA - 690V; not suitable at 800V,1150V
<i>Electromagnetic compatibility (EMC)</i>	Environment A



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE  
 33 avenue du Général Leclerc  
 92260 Fontenay-aux-Roses, FRANCE  
[www.lcie.fr](http://www.lcie.fr)

Date: 27/09/2024



Signature: **Julien GAUTHIER**  
 Certification Officer

## ANNEX

### Undervoltage release (MN), shunt trip release (MX), closing release (XF)

References	Voltage - Type - Frequency
<b>MN</b>	
33668	24-30V DC ; 24V AC 50/60 Hz
33669	48-60V DC ; 48V AC 50/60 Hz
33670	100-130V DC ; 100-130V AC 50/60 Hz
33671	200-250V DC ; 200-250V AC 50/60 Hz
33673	380-480V AC 50/60 Hz
<b>MX/XF</b>	
33659	24-30V DC ; 24V AC 50/60 Hz
33660	48-60V DC ; 48V AC 50/60 Hz
33661	100-130V DC ; 100-130V AC 50/60 Hz
33662	200-250V DC ; 200-250V AC 50/60 Hz
33663	277V AC 50/60 Hz
33664	380-480V AC 50/60 Hz

### Electric motor (MCH)

References	Voltage - Type - Frequency
47889	48 V
47893	100-130 V
47894	200-240 V
47895	250-277 V
47896	380-415 V
47897	440-480 V
47888	24-30 V
47889	48-60 V
47890	100-125 V
47891	200-250 V

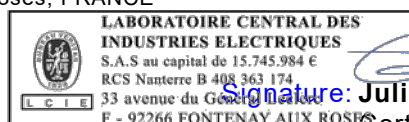
AC 50/60 Hz

DC



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE  
 33 avenue du Général Leclerc  
 92260 Fontenay-aux-Roses, FRANCE  
[www.lcie.fr](http://www.lcie.fr)

Date: 27/09/2024



Signature: **Julien GAUTHIER**  
 Certification Officer