



Ref. Certif. No.

FR_713551/A2

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

CB TEST CERTIFICATE

Product

Air circuit-breaker
Unprotected 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
MTZ2- 08HF, MTZ2- 10HF, MTZ2-12HF, MTZ2- 16HF,
MTZ2- 20HF, MTZ2- 25HF, MTZ2- 32HF, MTZ2- 40HF

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

Supersedes CBTC FR_713551/A1 dated 06/04/2022.
Editorial correction

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

2111990037

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

Date: 22/01/2024



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 ELECTRIC Alpes

Voie Isaac Newton ZI Alpespace 73800 Francin - FRANCE

Schneider Electric India Pvt Ltd

 SURVEY NO 215, GAGILLAPUR VILLAGE, MEDAK ROAD, RANGAREDDY DISTRICT
 500 043 HYDERABAD (A.P.) - INDIA

SCHNEIDER SHANGHAI POWER DISTRIBUTION ELEC. APP. Co. Ltd

No.833 Kangqiao Road, Kangqiao Industrial Development Zone Pudong District, 201315 SHANGHAI - CHINA

References, ratings and main characteristics:

References	Rated current In (A)	References	Rated current In (A)
MTZ2-08 HF	800A	MTZ2-10 HF	1000A
MTZ2-12 HF	1250A	MTZ2-16 HF	1600A
MTZ2-25 HF	2000A	MTZ2-25 HF	2500A
MTZ2-32 HF	3200A	MTZ2-40 HF	4000A

Utilization category	B
Interruption medium	Air
Design	Moulded case
Method of controlling the operating mechanism	Store energy operation (independent manual & independent power)
Suitability for isolation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed & withdrawable
Rated operational voltage U_e : (V)	AC220...690V
Rated insulation voltage U_i : (V)	1000V
Rated impulse withstand voltage U_{imp} : (kV)	12kV
Rated current I_n : (A)	See above table
Rated frequency : (Hz)	50/60Hz
Nature of supply :	AC
Total number of poles :	3P,4P
Rated duty	uninterrupted duty
Rated short-time making capacity I_{cm} : (A)	187kA
Rated ultimate short-circuit breaking capacity I_{cu} : (A)	85kA/690V
Rated service short-circuit breaking capacity I_{cs} : (A)	100% I_{cu}
Rated short-time withstand current I_{cw} : (A)	85kA/1s, 75kA/3s
Rated individual pole short-circuit current, I_T (kA)	50kA
Electromagnetic compatibility	A
Safety distance (short-circuit tests) :	Back/ Front: 0 Top/Bottom: 0 Left/Right : 0
Pollution degree	3
Special tests according Annex Q – IEC60947-1 : Tests for environmental categories	Category D



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ANNEX

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

References	Voltage - Type - Frequency	References	Voltage - Type - Frequency
MN		MN Diag.	
LV833668 LV833668SP	24-30V DC ; 24V AC 50/60 Hz	LV836668 LV836668	24-30V DC ; 24V AC 50/60 Hz
LV833669 LV833669SP	48-60V DC ; 48V AC 50/60 Hz	LV836669 LV836669SP	48-60V DC ; 48V AC 50/60 Hz
LV833670 LV833670SP	100-130V DC ; 100-130V AC 50/60 Hz	LV836670 LV836670SP	100-130V DC ; 100-130V AC 50/60 Hz
LV833671 LV833671SP	200-250V DC ; 200-250V AC 50/60 Hz	LV836671 LV836671SP	200-250V DC ; 200-250V AC 50/60 Hz
LV833673 LV833673SP	380-480V AC 50/60 Hz	LV836673 LV836673SP	380-480V AC 50/60 Hz
MX/XF		MX/XF Diag. and COM	
LV833659 LV833659SP	24-30V DC ; 24V AC 50/60 Hz	LV833033 LV833033SP	24-30V DC ; 24V AC 50/60 Hz
LV833660 LV833660SP	48-60V DC ; 48V AC 50/60 Hz	LV833034 LV833034SP	48-60V DC ; 48V AC 50/60 Hz
LV833661 LV833661SP	100-130V DC ; 100-130V AC 50/60 Hz	LV833035 LV833035SP	100-130V DC ; 100-130V AC 50/60 Hz
LV833662 LV833662SP	200-250V DC ; 200-250V AC 50/60 Hz	LV833036 LV833036SP	200-250V DC ; 200-250V AC 50/60 Hz
LV833663 LV833663SP	277V AC 50/60 Hz	LV833037 LV833037SP	277V AC 50/60 Hz
LV833664 LV833664SP	380-480V AC 50/60 Hz	LV833038 LV833038SP	380-480V AC 50/60 Hz

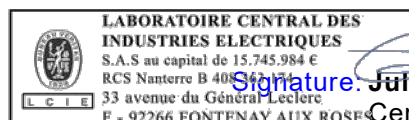
Electric motor (MCH)

References	Voltage	Type - Frequency
47889 LV847889SP	48 V	AC 50/60 Hz
47893 LV847893SP	100-130 V	
47894 LV847894SP	200-240 V	
47895 LV847895SP	250-277 V	
47896 LV847896SP	380-415 V	
47897 LV847897SP	440-480 V	
47888 LV847888SP	24-30 V	
47889 LV847889SP	48-60 V	
47890 LV847890SP	100-125V	
47891 LV847891SP	200-250 V	



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