



Ref. Certif. No.

FR\_713525/M2

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

CB TEST CERTIFICATE

Product

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

CTF2

Model / Type Ref.

MasterPacT MTZ3 type H1,H2  
Circuit-breakers equipped with control units :  
MicroLogic X : 2.0 X – 5.0 X – 6.0 X  
MicroLogic Xi : 2.0 Xi – 5.0 Xi – 6.0 Xi  
MicroLogic Active : 2.0 A – 5.0 A – 6.0 A – 2.0 E – 5.0 E – 6.0 E

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

Supersedes CBTC FR\_713525/M1 dated 06/07/2023. Addition of product references

Additional Information on page 2

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

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

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

23119Y90015, 2011990020, 2011990018  
157394-733106-A, 164183-744412-A, 172902-766341,  
19535667-791884

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: 28/03/2024



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES  
S.A.S au capital de 15.745.984 €  
RCS Nanterre B 469 863 174  
33 avenue du Général Leclerc  
F - 92266 FONTENAY AUX ROSES

Signature:   
Julien GAUTHIER  
Certification Officer

IEC

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## 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  
HYDERABAD, 500 043 (A.P.) - INDIA

#### **SCHNEIDER SHANGHAI POWER DISTRIBUTION ELEC. APP. Co. Ltd**

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

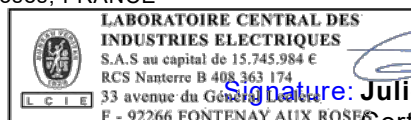


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Signature: *Julien Gauthier*  
**Julien GAUTHIER**  
Certification Officer

**ANNEX**
**References, ratings and main characteristics:**

Models	Rated current (In)	Models	Rated current (In)
MTZ3-40 H1	2000 to 4000A	MTZ3-40 H2	2000 to 4000A
MTZ3-50 H1	2500 (1) to 5000A	MTZ3-50 H2	2500 (1) to 5000A
MTZ3-63 H1	3200 (1) to 6300A	MTZ3-63 H2	3200 (1) to 6300A

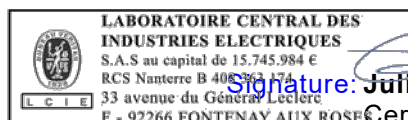
(1) 2000A with MicroLogic Active control unit

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling the operating mechanism	Stored energy operation
Suitability for isolation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed & withdrawable
Type of release :	Electronic MicroLogic 2.0 X – 5.0 X – 6.0 X MicroLogic 2.0 Xi – 5.0 Xi – 6.0 Xi MicroLogic Active : 2.0 A – 5.0 A – 6.0 A – 2.0 E – 5.0 E – 6.0 E
Rated operational voltage $U_e$ : (V)	220V, 415V, 440V, 525V, 690V
Rated insulation voltage $U_i$ : (V)	1000V
Rated impulse withstand voltage $U_{imp}$ : (kV)	12kV
Rated current $I_n$ : (A)	See above table
Conventional free air thermal current $I_{th}$ : (A)	Equal to $I_n$
Rated current for four pole circuit-breakers : (A)	Equal to $I_n$
Rated frequency : (Hz)	50/60Hz
Nature of supply :	AC
Total number of poles :	3P,4P
Rated duty	uninterrupted duty
Rated ultimate short-circuit breaking capacity $I_{cu}$ : (kA)	H1: 100kA – 220/415/440/525/690V H2: 150kA – 220/415/440V 130kA – 525V, 100kA – 690V
Rated service short-circuit breaking capacity $I_{cs}$ : (A)	H1: 100kA – 220/415/440/525/690V H2: 150kA – 220/415/440V 130kA – 525V, 100kA – 690V
Rated short-time withstand current $I_{cw}$ : (A)	100kA/3s
Electromagnetic compatibility	A
Circuit-breaker for use in IT systems	$I_{IT}$ = 50kA – 690V
Special tests according Annex Q – IEC60947-1 : Tests for environmental categories	Category D (not applicable for circuit-breakers equipped with MicroLogic Active control unit)


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### ANNEX

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

References	Voltage - Type - Frequency	References	Voltage - Type - Frequency
<b>MN</b>		<b>MN Diag.</b>	
LV833668 LV833668SP	24-30V DC ; 24V AC 50/60 Hz	LV833668 LV833668SP	24-30V DC ; 24V AC 50/60 Hz
LV833669 LV833669SP	48-60V DC ; 48V AC 50/60 Hz	LV833669 LV833669SP	48-60V DC ; 48V AC 50/60 Hz
LV833670 LV833670SP	100-130V DC ; 100-130V AC 50/60 Hz	LV833670 LV833670SP	100-130V DC ; 100-130V AC 50/60 Hz
LV833671 LV833671SP	200-250V DC ; 200-250V AC 50/60 Hz	LV833671 LV833671SP	200-250V DC ; 200-250V AC 50/60 Hz
LV833673 LV833673SP	380-480V AC 50/60 Hz	LV833673 LV833673SP	380-480V AC 50/60 Hz
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>		<b>MX/XF Diag. and COM</b>	
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
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		



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## ANNEX

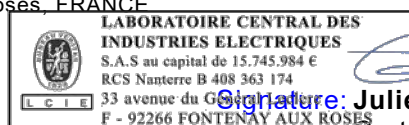
### Electric motor (MCH)

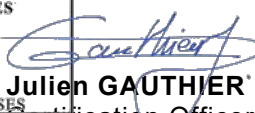
References	Voltage - Type - Frequency	
47889 LV847889SP	48 V	AC 50/60 Hz
47893 LV847893SP	100-130 V	
47894 LV847894SP	200-240 V	
47895 LV847895SP	250-277 V	
47896 LV847896SP	380-415 V	
47897 LV847897SP	440-480 V	
47888 LV847888SP	24-30 V	
47889 LV847889SP	48-60 V	
47890 LV847890SP	100-125 V	
47891 LV847891SP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

Embedded Ethernet InterFace (EIFE) : LV851001, LV851001SP, LV851200SP  
 ULP interface module : LV836385, LV850061SP, LV836387, LV850062SP  
 M2C - Programmable contacts : LV847086, LV847086SP  
 ESM - ERMS Switch Module : LV836300, LV836300SP



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