

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 CS 30323
92506 Rueil Malmaison - France

Name and address of the manufacturer

SCHNEIDER ELECTRIC INDUSTRIES SAS
31 rue Pierre Mendès France, Eybens,
38050 GRENOBLE Cedex 9 - France

Name and address of the factory

SCHNEIDER ELECTRIC Alpes
Voie Isaac Newton ZI Alpespace, 73800 FRANCIN - France

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

 Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

CTF2

Model / Type Ref.

Masterpact MTZ2 Type L1:
MTZ2-08 L1, MTZ2-10 L1, MTZ2-12 L1, MTZ2-16 L1, MTZ2-20 L1

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

Circuit-breakers equipped with Micrologic X control units :
2.0 X, 5.0 X, 6.0 X or 7.0 X

Supersedes CBTC n° FR_700345 10/03/2017 (additional evaluation)

 Additional Information on page 2

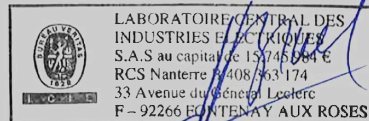
A sample of the product was tested and found to be in conformity with

IEC 60947-1:2007(ed.5) +A1:2010 +A2:2014
IEC 60947-2:2006(ed.4) +A1:2009 +A2:2013

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

140491-697917, 152572-714444

This CB Test Certificate is issued by the National Certification Body

LCIE – Laboratoire Central des Industries Electriques
33, avenue du Général Leclerc – BP8
FR 92 266 Fontenay aux Roses Cedex
www.lcie.fr

Date: 05/04/2018

Signature: **Jean-François BRUEL**
Certification Officer

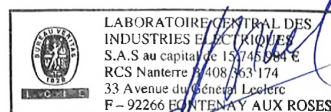
ANNEX
References, ratings and main characteristics

References	Rated current In (A)
MTZ2-08 L1	800 A
MTZ2-10 L1	1 000 A
MTZ2-12 L1	1 250 A
MTZ2-16 L1	1 600 A
MTZ2-20 L1	2 000 A

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling the operating mechanism	Independent manual and independent power
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
IP degree of protection	IP40, with escutcheon IP54, with transparent cover
Rated operational voltage, Ue (V)	220 up to 690 V
Rated insulation voltage, Ui (V)	1 000 V
Rated impulse withstand voltage, Uimp (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3 or 4
Rated ultimate short-circuit breaking capacity, Icu (kA)	150 kA – 220/415/440 V ; 130 kA – 525 V ; 100 kA – 690 V
Rated service short-circuit breaking capacity, Ics (kA)	150 kA – 220/415/440 V ; 130 kA – 525 V ; 100 kA – 690 V
Rated short-time withstand current, Icw (kA/s)	30 kA / 3 s



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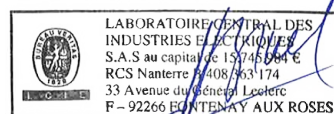
Electrical control circuits

	Closing release (XF)		Shunt trip release (MX)		Undervoltage release (MN)	
	Standard XF	Diagnostic & Communicating XF	Standard MX	Diagnostic & Communicating MX	Standard MN	Diagnostic MN
24/30 V DC, 24 V AC	x	x	x	x	x	x
48/60 V DC, 48 V AC	x	x	x	x	x	x
100/130 V AC/DC	x	x	x	x	x	x
200/250 V AC/DC	x	x	x	x	x	x
277 V AC	x	x	x	x	-	-
380/480 V AC	x	x	x	x	x	x

AC = 50/60 Hz

Motor operator (MCH)	
AC 50/60 Hz	48 V
	100/130 V
	200/240 V
	277/415 V
	440/480 V
DC	24/30 V
	48/60 V
	100/130 V
	200/250 V

For more information relating to the ratings and the main characteristics please refer to the CB Test Reports: 140491-697917, 152572-714444


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