



Ref. Certif. No.

FR_713158/M2

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

CB TEST CERTIFICATE

Product

Moulded-case 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)



SQUARE D

Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

PowerPacT PG, PK, PJ,PL
equipped with trip unit ET1.0I and Micrologic 3.0 - 5.0 - 3.0A -
5.0A - 6.0A - 5.0P - 6.0P - 5.0H - 6.0H.
Manually operated

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

Supersedes CBTC FR_713158/M1 dated 16/05/2022. Addition of factory(ies)

☐ 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

2111990021
2111990021-A1
2111990021-A2

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: 28/06/2022



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 USA INC**

4800 Paris Road
COLUMBIA, MO 65202-9396 – UNITED STATES

SCHNEIDER ELECTRIC Alpes

Voie Isaac Newton ZI Alpespace
73800 Francin - FRANCE

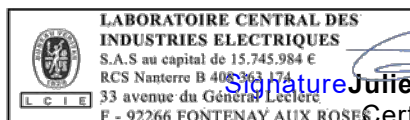
SCHNEIDER INDUSTRIAL TLAXCALA S A DE C V

VIA CORTA SANTA ANA-PUEBLA - KM 17.5
90860 ACUAMANALA DE MIGUEL HIDALGO TLAX - MEXICO



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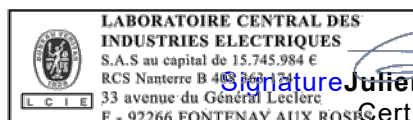
References, ratings and main characteristics:

Selectivity category	A for J and L types B for G and K types
Interruption medium	Air
Design	Moulded case
Method of controlling the operating mechanism	Independent manual
Suitability for isolation	Suitable
Provision for maintenance	Non-maintainable
Method of installation	Fixed & withdrawable
Type of release :	Electronic ET1.0I and Micrologic 3.0 - 5.0 - 3.0A - 5.0A - 6.0A - 5.0P - 6.0P - 5.0H - 6.0H. Note : ratings 250A and 400A are not available with the ET1.0I trip unit
Rated operational voltage U_e : (V)	240V...415VAC
Rated insulation voltage U_i : (V)	800V
Rated impulse withstand voltage U_{imp} : (kV)	8kV
Rated current I_n : (A)	250A,400A,600A, 800A, 1000A,1200A
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 :	2P,3P,4P
Rated duty	uninterrupted duty
Rated short-time making capacity I_{cm} : (kA)	N/A
Rated ultimate short-circuit breaking capacity I_{cu} : (kA)	<u>PowerPacT PG</u> 50kA/240Vac, 35kA/415Vac <u>PowerPacT PJ</u> 65kA/240Vac, 50kA/415Vac <u>PowerPacT PK</u> 50kA/240Vac, 50kA/415Vac <u>PowerPacT PL</u> 125kA/240Vac, 85kA/415Vac
Rated service short-circuit breaking capacity I_{cs} : (A)	<u>PowerPacT PG</u> 25kA/240Vac, 20kA/415Vac <u>PowerPacT PJ</u> 35kA/240Vac, 25kA/415Vac <u>PowerPacT PK</u> 25kA/240Vac, 25kA/415Vac <u>PowerPacT PL</u> 65kA/240Vac, 45kA/415Vac
Rated short-time withstand current I_{cw} : (A)	25kA/0,5s only for PowerPacT PG and PK
Electromagnetic compatibility	A
Pollution degree	3
Circuit-breaker for use in IT systems	Yes, up to 415V



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

References	Voltage - Type - Frequency
MN	
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
MX	
33658	12V DC
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

Note : All that commercial references can be preceded with a S

Mechanical lugs intended for connection of copper and aluminum conductors

	Cat. No	Max. Amp. Rating	Ampacity	
			nb	wire range
Al Lugs (for AL or Cu Wire)	AL800M23	800A	3	95-240mm ²
	AL800P6/ AL800P7	800A (Cu wires) 600A (Al wires)	2	95-300mm ²
	AL1200P24	1200A	4	95-240mm ²
	AL1200P25	1200A	4	95-240mm ²

Mechanical lugs intended for connection of copper conductors

	Cat. No	Max. Amp. Rating	Ampacity	
			nb	wire range
Cu Lugs (for Cu Wire Only)	CU800M23	800A	3	95-240mm ²
	CU1200P24	1200A	4	95-240mm ²
	CU1200P25	1200A	4	95-240mm ²



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ANNEX

Structure of products' references

PG L 3 6 120 C U31
I II III IV V VI VII VIII

I. PowerPacT frame size (Breaker line): P

II. Breaking capacity:

G = Normal type;

K = Heavy type;

J = Heavy type;

L = Limiting type

III. Connection:

F : No Lugs

L : Lug both ends

M : Lugs "ON" end only

P : Lug "OFF" end only

A : I-Line (only suitable to 3P, maximum suitable current is 1200A)

D : Drawout

IV. Poles:

2=2 pole;

3=3 pole;

4=4 pole;

V. Maximum voltage

N/A for IEC 60947-2 (4 or 6)

VI. Rated current

025 = 250A

040 = 400A

060 = 630A

080 = 800A

100 = 1000A

120 = 1200A

VII. Thermal rating:

N/A for IEC 60947-2 (C or blank)

VIII. Electronic trip unit:

No character = Basic Electronic Trip Unit (ET1.0I);

U31 = Micrologic 3.0;

U33 = Micrologic 5.0;

U41 = Micrologic 3.0A;

U43 = Micrologic 5.0A;

U44 = Micrologic 6.0A;

U63 = Micrologic 5.0P;

U64 = Micrologic 6.0P;

U73 = Micrologic 5.0H;

U74 = Micrologic 6.0H;

Additional alpha-number characters may follow for accessories and/or special feature



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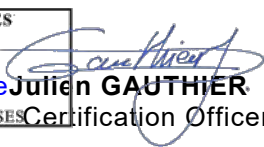
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