

**IEC****IECEE**

®

™

Ref. Certif. No.

**FR\_717576****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)



Customer's Testing Facility (CTF) Stage used

CTF2

Model / Type Ref.

PowerPacT BD  
PowerPacT BG  
PowerPacT BJ

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

Supersedes CBTC FR\_714518 dated 11/04/2022  
-new assessment is performed due to product modification.  
-new rotary handle is used (Reference No. LV426930T and LV426931T).  
- After engineering review of the differences and similarities between originally tested rotary handle and new model, no test was considered necessary. 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

TR n° 169778-758201M1, 2111939007  
TR n° 142309-687235T2, 142309-687235M  
TR n° 19287294-790956

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)Signature: **Gilles LEMONNIER**  
Certification Officer

Date: 29/08/2023

## ANNEX

**Name and address of the factories:**

**SCHNEIDER INDUSTRIAL TLXCALA S A DE C V**  
VIA CORTA SANTA ANA-PUEBLA - KM 17.5  
90860 ACUAMANALA DE MIGUEL HIDALGO TLAX  
MEXICO

**SCHNEIDER ELECTRIC USA INC**  
4800 Paris Road  
COLUMBIA, MO 65202-9396  
UNITED STATES



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## ANNEX - CHARACTERISTICS OF APPLIANCE

Utilization category	A
Interruption medium	Air
Design	Moulded case
Method of controlling the operating mechanism	Independent manual by toggle or by rotary handle
Suitability for isolation	Suitable
Provision for maintenance	Non-maintainable
Method of installation	Fixed
Protection degree :	IP20
Rated operational voltage $U_e$ : (V)	AC220/240V,380/415V,440V,500V,525V, 660/690V
Rated insulation voltage $U_i$ : (V)	800V
Rated impulse withstand voltage $U_{imp}$ : (kV)	8kV
Rated current $I_n$ : (A)	15A,20A,25A; 30A,35A,40A, 45A,50A,60A,70A,80A,90A,100A,110A,125A
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 :	1P,2P,3P, 4P
Number of protected poles :	1P,2P,3P, 4P
Rated duty	uninterrupted duty
Rated ultimate short-circuit breaking capacity $I_{cu}$ : (A)	PowerPact BD: 1P: 25kA/AC220/240V; 2P,3P,4P: 25kA/AC220/240V; 18kA/AC380/415V; 18kA/AC440V; 4kA/AC500/525V; PowerPact BG: 1P: 65kA/AC220/240V; 2P,3P,4P: 65kA/AC220/240V; 35kA/AC380/415V; 35kA/AC440V; 8kA/AC500/525V; PowerPact BJ: 1P: 65kA/AC220/240V; 2P,3P,4P: 100kA/AC220/240V; 65kA/AC380/415V; 65kA/AC440V; 25kA/AC500/525V; 10kA/AC660/690V
Rated service short-circuit breaking capacity $I_{cs}$ : (A)	PowerPact BD: 100% $I_{cu}$ PowerPact BG: 100% $I_{cu}$ PowerPact BJ: 1P: 65kA/AC220/240V; 2P,3P,4P: 100kA/AC220/240V; 65kA/AC380/415V; 65kA/AC440V; 25kA/AC500/525V; 2,5kA/AC660/690V
Electromagnetic compatibility	A
Instantaneous tripping current :	Fixed 500A for $I_n=15A$ to 45A Fixed 600A for $I_n= 50A$ Fixed 800 for $I_n= 60A$ & 70A Fixed 1000A for $I_n= 80A$ Fixed 1250A for $I_n= 90A$ to 125A
Reference ambient calibration air temperature : (°C)	40°C
Pollution degree	3
Material group :	IIIa
safety distance (short-circuit tests) :	Up/down: 30/5mm . Left/right: 0mm . Front/back: 0mm
Shunt release :	MX : 24V 50/60Hz, 48V 50/60Hz, 110-130V 50/60Hz, 220-240V/50Hz/ 208-240V/60Hz, 277V 60Hz, 380-415V 50Hz, 440-480V 60Hz, 24VDC,48VDC,125VDC,250VDC
Undervoltage release:	MN: 24V 50/60Hz, 48V 50/60Hz,110-130V 50/60Hz, 220-240V/50Hz/ 208-240V/60Hz, 277V 60Hz, 380-415V 50Hz, 440-480V 60Hz, 24VDC,48VDC,125VDC,250VDC
Auxiliary circuits:	OF/SD, OF,SD 1NO1NC AC-15: $U_e/I_e$ : 24V/5A, 48V/5A, 100/127V/4A, 220/240V/3A, 380/440V/2,5A, 660/690V/0,11A DC-13: $U_e/I_e$ : 24V/2,5A, 48V/1,2A, 110V/0,35A, 250V/0,05A



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**ANNEX**

Structure of product's references: I II III IV V VI and VII according to the following designation

PowerPacT B	D	L	3	6	125	LU
I	II	III	IV	V	VI	VII

I	II	III	IV	V	VI	VII
Circuit-breaker platform	Interrupting rating level	Terminations	Number of poles (*)	Maximum Voltage	Current	Connector
PowerPacT B	D	<b>F</b> = Compression Lug	1 = 1 pole	6 = 690Va.c.	015 = 15A	<b>Blank</b> = EverLink connectors on both side
	G	<b>L</b> = EverLink connector both ends	2 = 2 poles	4...Y = 440Va.c. (**)	020 = 20A	<b>LU</b> = EverLink connector with control terminal on LINE side / EverLink connector on LOAD side
	J	<b>M</b> = EverLink connector on LINE / Compression lug on LOAD	3 = 3 poles		025 = 25A	<b>LV</b> = EverLink connector on LINE side / EverLink connector with control terminal on LOAD side
		<b>P</b> = Compression lug on LINE / EverLink connector on LOAD	4 = 4 poles		030 = 35A	<b>LW</b> = EverLink with control connector on LINE & LOAD side
		<b>A</b> = I-Line ON			035 = 35A	<b>LC</b> = Copper mechanical connector
					040 = 40A	<b>LH</b> = Aluminum mechanical connector
					045 = 45A	
					050 = 50A	
					060 = 60A	
					070 = 70A	
					080 = 80A	
					090 = 90A	
					100 = 100A	
					110 = 110A	
					125 = 125A	

(\*) circuit breaker with I-Line connexion exist only on 1,2 and 3P

(\*\*) Applied only for I-Line Circuit breaker, in this case, the letter Y goes between position VI and VII




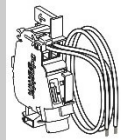
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## ANNEX

## Voltage releases

	Standard	Voltage	MX	MN		
	AC	24 V 50/60 Hz	LV426841	LV426801		
		48 V 50/60 Hz	LV426842	LV426802		
		110...130 V 50/60 Hz	LV426843	LV426803		
		220...240 V 50 Hz	LV426844	LV426804		
		208...240 V 60 Hz				
		277 V 60 Hz	LV426844	LV426805		
		380...415 V 50 Hz	LV426846	LV426806		
		440...480 V 60 Hz	LV426846	LV426807		
		DC	24 V DC	LV426841	LV426801	
			48 V DC	LV426842	LV426802	
125 V DC	LV426843		LV426803			
250 V DC	LV426844		LV426815			
	Pre-wired	Voltage	MX	MN		
			AC	24 V 50/60 Hz	LV426861	LV426821
				48 V 50/60 Hz	LV426862	LV426822
				110...130 V 50/60 Hz	LV426863	LV426823
				220...240 V 50 Hz	LV426864	LV426824
				208...240 V 60 Hz		
				277 V 60 Hz	LV426864	LV426825
				380...415 V 50 Hz	LV426866	LV426826
				440...480 V 60 Hz	LV426866	LV426827
			DC	24 V DC	LV426861	LV426821
				48 V DC	LV426862	LV426822
				125 V DC	LV426863	LV426823
				250 V DC	LV426864	LV426835
				-		
-						



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