Ref. Certif. No.

FR_645942/A1

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

CB TEST CERTIFICATE

Product	**Busbar trunking system**
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** 31 rue Pierre Mendes France, Eybens 38050 GRENOBLE Cedex 9 France
Name and address of the factory Note: *When more than one factory, please report on page 2*	**SCHNEIDER ELECTRIC FRANCE** 6 - 8 Rue du Bailly, BP 97812 21078 DIJON Cedex ☐ Additional Information on page 2
Ratings and principal characteristics	See Annex
Trademark (if any)	Schneider Electric
Customer's Testing Facility (CTF) Stage used	/
Model / Type Ref.	Canalis KN
Additional information (if necessary may also be reported on page 2)	Supersedes CBTC N° FR 645942 dated 22/04/2014 (new factory) ☒ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 61439-1:2011(ed.2) IEC 61439-6:2012(ed.1)
As shown in the Test Report Ref. No. which forms part of this Certificate	122711-645941, 122711-645941/A1

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

LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES
S.A.S au capital de 15 745 064 €
RCS Nanterre B 408 363 174
33 Avenue du Général Leclerc
F – 92266 FONTENAY AUX ROSES

Date: 25/07/2017

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

ANNEX

References, ratings and main characteristics

Busbar trunking systems KN series

Busbar trunking units (straight lengths, elbows, fixing means, joints), busbar trunking units with tap-off facilities, flexible busbar trunking units, busbar trunking feeder units.
The unit includes aluminium conductors comprising of three phase conductors, one neutral conductor and additional conductors for communication and/or control.

Place of installation （indoor / outdoor）	Indoor installation			
Service conditions （normal / special）	Normal			
Mobility （stationary / movable）	Stationary assembly			
IP Code	IP 55			
IK Code	IK08			
Mechanical loads （normal / heavy / special）	Normal			
Resistance to fire and flame propagation	Resistance to flame propagation			
Mounting attitude	All			
Pollution degree	3			
Rated operational voltage (Ue /2/3 ph system)	500 V~			
Rated insulation voltage (Ui / all systems)	500 V			
Rated impulse voltage (Uimp) :all systems	6 kV			
Rated current (In) :	40 A to 160 A			
Rated frequency (f):	50/60 Hz			
Resistance and reactance values for each In value	40 A	63 A	100 A	160 A
R (mΩ/m)	5,96	2,4	1,02	0,79
X (mΩ/m)	0,24	0,24	0,25	0,24
Rating factors:				
- k1 _35°C	1,0			
- k1 _40°C	0,97			
- k1 _45°C	0,94			
- k1 _55°C	0,87			
Mounting factors:				
- k1c vertical mounting	1			

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Certification Officer