

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

SCHNEIDER ELECTRIC FRANCE
6 - 8 Rue du Bailly, BP 97812
21078 DIJON Cedex

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

/

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 15 746 084 €
RCS Nanterre 8408363174
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

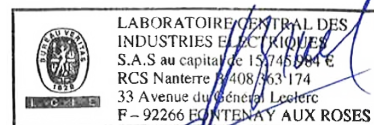
Busbar trunking units (straight lengths, elbows, fixing means, joints), busbar trunking units with tap-off facilities, flexible busbar trunking units, busbar trunking feeder units.

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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