


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

CB TEST CERTIFICATE

Product	Circuit-breakers
Name and address of the applicant	SCHNEIDER ELECTRIC INDUSTRIES SAS 31 rue Pierre Mendès France, Eybens F-38050 Grenoble Cedex 9 France
Name and address of the manufacturer	SCHNEIDER ELECTRIC INDUSTRIES SAS 31 rue Pierre Mendès France, Eybens F-38050 Grenoble Cedex 9 France
Name and address of the factory	<input type="checkbox"/> Additional information on page 2 MERLIN GERIN ALÈS 1, rue Maurice Ravel Z.I de Croupillac – BP 229, 30319 Alès France
Ratings and principal characteristics	1P+N – Ue = 230 V – 50-60 Hz – Icu = 6000 or 4500 A In = 6, 10, 13, 16, 20, 25, 32 or 40 A (curve B circuit-breakers) In = 2, 4, 6, 10, 13, 16, 20, 25, 32 or 40 A (curve C circuit-breakers) (see Additional Sheet and page 5 of Test Report No. PB16-0012452-01-00)
Trademark (if any)	 Schneider Electric
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	Series iDPN40 (see Additional Sheet and page 11 of Test Report No. PB16-0012452-01-00)
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional information on page 2 The circuit-breakers fulfill the requirements of Annex B of IEC 60947-2:2016. This CB Test Certificate supersedes the CBTC Ref. No. IT-18964 dated 2018-05-11. Modification introduced: addition, on the additional sheet, of the list of RCBOs consisting of a circuit-breaker series iDPN40 assembled in the factory with a residual current unit series Vigi iDPNG40.
A sample of the product was tested and found to be in conformity with	IEC 60947-1:2007, IEC 60947-1:2007/AMD1:2010, IEC 60947-1:2007/AMD2:2014, IEC 60947-2:2016 National differences: EU Group Differences
As shown in the Test Report Ref. No. which forms part of this Certificate	PB16-0012452-01-00 and from PB16-0012452-01-01 to PB16-0012452-01-42

This CB Test Certificate is issued by the National Certification Body

IMQ S.p.A.
Via Quintiliano 43, IT-I-20138 Milano, Italy

Description of the circuit-breakers series iDPN40 ($I_{cu} = 6000$ or 4500 A)

Curve	Rated current	I_{cu}	I_{cs}	Generic reference
B	6 A	6000 A	4500 A	MCB1PNSC456B6
	10 A	6000 A	4500 A	MCB1PNSC456B10
	13 A	6000 A	4500 A	MCB1PNSC456B13
	16 A	6000 A	4500 A	MCB1PNSC456B16
	20 A	6000 A	4500 A	MCB1PNSC456B20
	25 A	6000 A	4500 A	MCB1PNSC456B25
	32 A	6000 A	4500 A	MCB1PNSC456B32
	40 A	6000 A	4500 A	MCB1PNSC456B40
C	2 A	6000 A	4500 A	MCB1PNSC456C2
		4500 A	4500 A	MCB1PNSC4545C2
	4 A	6000 A	4500 A	MCB1PNSC456C4
	6 A	6000 A	4500 A	MCB1PNSC456C6
		4500 A	4500 A	MCB1PNSC4545C6
	10 A	6000 A	4500 A	MCB1PNSC456C10
		4500 A	4500 A	MCB1PNSC4545C10
	13 A	6000 A	4500 A	MCB1PNSC456C13
	16 A	6000 A	4500 A	MCB1PNSC456C16
		4500 A	4500 A	MCB1PNSC4545C16
	20 A	6000 A	4500 A	MCB1PNSC456C20
		4500 A	4500 A	MCB1PNSC4545C20
	25 A	6000 A	4500 A	MCB1PNSC456C25
		4500 A	4500 A	MCB1PNSC4545C25
	32 A	6000 A	4500 A	MCB1PNSC456C32
		4500 A	4500 A	MCB1PNSC4545C32
	40 A	6000 A	4500 A	MCB1PNSC456C40
		4500 A	4500 A	MCB1PNSC4545C40

**Description of the residual current units (series Vigi iDPN40 and Vigi iDPNG40) associated
to the circuit-breakers series iDPN40 for the tests of Annex B of IEC 60947-2:2016**

Series	Terminals	Type (1)	Rated residual current (I Δ n)	Rated current (In)	Generic reference
Vigi iDPN40	Downstream terminals	AC	30 mA	≤ 25 A	RCD1PN30AC25L
		AC	30 mA	≤ 40 A	RCD1PN30AC40L
		A	30 mA	≤ 25 A	RCD1PN30A25L
		A	30 mA	≤ 40 A	RCD1PN30A40L
		AC	300 mA	≤ 25 A	RCD1PN300AC25L
		AC	300 mA	≤ 40 A	RCD1PN300AC40L
		A	300 mA	≤ 25 A	RCD1PN300A25L
		A	300 mA	≤ 40 A	RCD1PN300A40L
		A SI (1)	30 mA	≤ 25 A	RCD1PN30ASI25L
		A SI (1)	30 mA	≤ 40 A	RCD1PN30ASI40L
		A SI (1)	300 mA	≤ 25 A	RCD1PN300ASI25L
		A SI (1)	300 mA	≤ 40 A	RCD1PN300ASI40L
Vigi iDPNG40	Upstream terminals	AC	30 mA	≤ 25 A	RCD1PN30AC25H
		AC	30 mA	≤ 40 A	RCD1PN30AC40H
		A	30 mA	≤ 25 A	RCD1PN30A25H
		A	30 mA	≤ 40 A	RCD1PN30A40H
		AC	300 mA	≤ 25 A	RCD1PN300AC25H
		AC	300 mA	≤ 40 A	RCD1PN300AC40H
		A	300 mA	≤ 25 A	RCD1PN300A25H
		A	300 mA	≤ 40 A	RCD1PN300A40H
		A SI (1)	30 mA	≤ 25 A	RCD1PN30ASI25H
		A SI (1)	30 mA	≤ 40 A	RCD1PN30ASI40H
		A SI (1)	300 mA	≤ 25 A	RCD1PN300ASI25H
		A SI (1)	300 mA	≤ 40 A	RCD1PN300ASI40H
	A SI-S (2)	300 mA	≤ 40 A	RCD1PN300ASIS40H	

(1) – “A SI”-type residual current units are A-type residual current units having an intentional short-time delay

(2) – “A SI-S”-type residual current units are A-type residual current units with time delay (type S for selectivity)

**Description of the RCBOs consisting of a circuit-breaker series iDPN40
assembled in the factory with a residual current unit series Vigi iDPNG40**

Curve	Rated current	Type (1)	Rated residual current (I Δ n)	Rated short-circuit capacity (Icn)	Generic reference
C	25 A	AC	300 mA	6000 A	RCBO1PNSC456AC300C25H
	32 A	AC	300 mA	6000 A	RCBO1PNSC456AC300C32H
	40 A	AC	300 mA	6000 A	RCBO1PNSC456AC300C40H
	25 A	AC	30 mA	6000 A	RCBO1PNSC456AC30C25H
	32 A	AC	30 mA	6000 A	RCBO1PNSC456AC30C32H
	40 A	AC	30 mA	6000 A	RCBO1PNSC456AC30C40H
	25 A	A SI (1)	30 mA	6000 A	RCBO1PNSC456ASI30C25H
	32 A	A SI (1)	30 mA	6000 A	RCBO1PNSC456ASI30C32H
	40 A	A SI (1)	30 mA	6000 A	RCBO1PNSC456ASI30C40H

(1) – “A SI”-type RCBOs are A-type RCBOs having an intentional short-time delay