

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 60947-2
Edition 5.1 2019-07

Low-voltage switchgear and controlgear –
Part 2: Circuit-breakers

IEC 60947-2
Edition 5.1 2019-07

Appareillage à basse tension –
Partie 2: Disjoncteurs

C O R R I G E N D U M 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

8.3 Type tests

In the last paragraph, replace "in below" by "below".

8.3.2.1 General requirements

Cancel replacement of the second paragraph

Replace the existing second paragraph after the note by the following new paragraph:

For the tests in free air concerning overload performance, short-circuit, and short-time withstand current where applicable, a metallic screen shall be placed on all sides of the circuit-breaker in accordance with the manufacturer's instructions. Details, including distances of the metallic screen from the circuit-breaker, shall be stated in the test report.

Figure M.18 – Test circuit for the verification of the behaviour of MRCDs with separate sensing means in the case of a failure of the connection of the sensing means

Replace the existing Key with the following new one:

Key

I	separate voltage source, if applicable	T	sensing means
V	voltmeter	C	output circuit
S ₁	multi-pole switch	G ₁ , G ₂	generators
S _a	auxiliary switch	Osc	oscilloscope

Figure M.19 – Test circuit for the verification of the behaviour of MRCD with separate sensing means under short-circuit conditions

Replace the existing Key with the following new one:

Key

S power supply	L adjustable reactor
I separate voltage source, if applicable	R adjustable resistor
V voltmeter	Z adjustable impedance
A ammeter	T sensing means
S _a auxiliary switch	C output circuit
SC short-circuit switch	D instrument indicating the change of status
W temporary connection	SCPD short-circuit protective device
B connection for residual short-circuit test, replacing the connection through the sensing means	

Figure M.20 – Test circuit for the verification of the behaviour of MRCD with integral sensing means under short-circuit conditions

Replace the existing Key with the following new one:

Key

S power supply	B connection for residual short-circuit test, replacing the connection through the sensing means
I separate voltage source, if applicable	L adjustable reactor
V voltmeter	R adjustable resistor
A ammeter	Z adjustable impedance
S _a auxiliary switch	C output circuit
SC short-circuit switch	D instrument indicating the change of status
W temporary connection	SCPD short-circuit protective device

O.4 Product information

Cancel replacement of the fourth paragraph

Replace the existing third paragraph with the following new text and new table:

In addition, the ICB shall be marked in accordance with Table O.1.

Table O.1 – Product information

Item	Information	Marking location
O1.1	Initialism "ICB"	Visible
O2.1	Rated instantaneous short-circuit current setting I_i (see 2.20) (actual values or multiples of rated current)	Marked

Key

Visible: visible from the front when the circuit-breaker is installed as in service and the actuator is accessible

Marked: marked on the product