CERTIFICATE

Issued to:
Applicant:
IMO Precision Controls Ltd.
1000 North Circular Road
NW2 7JP London, Great Britain

Product(s) : circuit-breakers for overcurrent protection
Trade name(s) : IMO
Type(s)/model(s) : B10 X XX XXA

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to the standard EN 60898-1:2003 +A1:2004 +A11:2005 +A12:2008 +A13:2012; IEC 60898-1:2002 +A1:2002 +A2:2003
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2092577

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 25 February 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2191053.01

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

H.L. Schendstok
Certification Manager

ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

product	:	circuit-breakers for overcurrent protection
trade name(s)	:	IMO
type(s)	:	B10 x xx xxA
rated current (In)	:	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A
range of instantaneous tripping current	:	B, C and D type
number of poles	:	1P, 1P+N, 2P, 3P, 3P+N, 4P
protect poles	:	1P 1 pole protected 1P+N 1 pole protected 2P 2 poles protected 3P+N 3 poles protected 4P 4 poles protected
rated voltage (Un)	:	240 / 415 Vac (1P), 240 Vac (1P+N) 415 Vac (2P, 3P, 3P+N, 4P)
rated frequency	:	50 / 60 Hz
rated service short-circuit capacity (Ics)	:	7500 A
rated short-circuit capacity (Icn)	:	10000 A
rated making and breaking capacity of individual pole (Icn1)	:	10000 A
energy limiting class	:	Class 3 for B and C type 1 A to 40 A circuit breakers Class 1 for B and C type 50 A and 60 A circuit breakers
temperature limit	:	-5 °C ... + 40 °C
reference ambient temperature	:	+30 °C
method of mounting	:	flush-type, for mounting on top hat rail 35 mm (EN 50022)
degree of protection	:	IP20
connection	:	screw type terminals
safety distance "a"	:	45 mm

Additional information

Structure of the type designation:

The first x denotes the tripping characteristic of the circuit-breaker. It can be B, C or D.

The middle xx denotes the number of poles:
10 - single pole
1N - single pole + N
20 - two poles
30 - three poles
3N - three poles + N
40 - four poles

The last xx denotes the rated current of the circuit-breaker. E.g. 16 means 16 A.

The national differences for Australia & New Zealand according to IEC 60898-1:2003(Edition 1.2) (National Standard AS-NZS-60898.1-2004) are considered.

TESTS

Test requirements
EN 60898-1:2003 +A1:2004 +A11:2005 +A12:2008 +A13:2012
IEC 60898-1:2002 +A1:2002 +A2:2003

Test result
The test results are laid down in DEKRA test file 2191053.01 and test report No. 2184124.50.

Remarks
This certificate is based on KEMA-KEUR certificate No. 3308945.01 dated on 2015-12-07.

Conclusion
The examination proved that all test requirements were met.

Tested by : F. Fu

Checked by : F.S. Strikwerda

Factory locations
As laid down in KEMA-KEUR certificate No. 3308945.01.