KEMA
REGISTERED QUALITY

KEMA KEUR

CERTIFICATE

KEMA No.: **2002756.01**

Issued to:
Applicant:
OBO Bettermann GmbH & Co.
Huingser-Ring 52
MENDEN, Germany

Manufacturer/Licensee:
OBO Bettermann GmbH & Co.
Huingser-Ring 52
MENDEN, Germany

Product : surge-protection device

Trade name : OBO
Type/model : MC 50-B

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

KEMA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to the standard IEC 61643-1:1998
- an inspection of the production location according tot CCA Group Operational Document CCA 204
- a certification agreement with the number 900038

KEMA hereby grants the right to use the KEMA certification mark

KEMA KEUR

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: November 10, 2000

C.M. Boschloo
Certification Manager

© Integral publication of this certificate is allowed

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ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

product	:	surge-protection device
trade name	:	OBO
type	:	MC 50-B
class	:	I
maximum continuous operating voltage (Uc)	:	255 Vac
impuls current (10/350) (Iimp)	:	50 kA
voltage protection level (Up)	:	< 2,0 kV
extinguish capacity without fuses	:	> 12,5 kA effective
rated load current	:	125 A
short-circuit withstand	:	17,8 kA when protected with fuse-links. Fuse-links during test: manufacturer Ernst, 500 V, 500 A gL/gG, 120 kA
mounting method	:	flush-type, for mounting on top hat rail 35 mm (EN 50022)
degree of protection	:	IP 20
connection	:	10 mm² - 25 mm² flexible 10 mm² - 35 mm² stranded 10 mm² - 50 mm² solid
design	:	surge-protective device, voltage switching type, 1 port

Additional information

Markings: tradename, type designation and the complete electrical ratings are shown on the body

TESTS

Test requirements

IEC 61641-1:1998 C1:1998 + 37A/95/CDV

Test result

The test results are laid down in KEMA test file 2002756.01.

Conclusion

The examination proved that all test requirements were met.

Tested by : H.L. Schendstok

Checked by : L.J.W. van Megen

Factory-Locations

OBO Bettermann GmbH & Co.,
Huingser-Ring 52, MENDEN, Germany

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