

CERTIFICATE

Issued to:
Applicant:
Pepperl+Fuchs GmbH
Lilienthalstraße 200
68307 Mannheim, Germany

Products : Surge protective devices
Trade name : PEPPERL + FUCHS
Types/models : M-LB-4.150TNS.D
M-LB-4.275TNS.D
M-LB-4.275TT.D

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 61643-11:2012; IEC 61643-11:2011;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 961720

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: 17 February 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2179748.08

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

F.S. Strikwerda
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT
Product data

Products	:	Surge protective devices
Trade name	:	PEPPERL + FUCHS
Types	:	M-LB-4.150TNS.D M-LB-4.275TNS.D M-LB-4.275TT.D
SPD type/class	:	2/II
Maximum continuous operating voltage (U_c)	:	See additional information
Nominal discharge current (I_n)	:	See additional information
Maximum discharge current (I_{max})	:	See additional information
Voltage protection level (U_p)	:	See additional information
Short-circuit current rating (I_{scsr})	:	See additional information
Maximum overcurrent protection (fuse)	:	125 A gL/gG

Additional information

Type	Plugin module	Mode	U_c (V)	I_n (kA)	I_{max} (kA)	U_p (kV)	I_{scsr} (kA)
M-LB-4.150TNS.D	M-LB-1.150.M	L/N>PE	150	15	40	0,7	50
M-LB-4.275TNS.D	M-LB-1.275.M	L/N>PE	275	20	40	1,5	50
M-LB-4.275TT.D	M-LB-1.275.M	L>N	275	20	40	1,5	50
	M-LB-1.NPE	N>PE	255	20	40	1,5	-

The surge protective devices are provided with remote contacts.

Ratings:

Rated voltage(U_n):	250 Vac	250 Vdc	125 Vdc	75 Vdc
Rated current:	0,5 A	0,1 A	0,2 A	0,5 A
Connection:	max 1,5 mm ² solid or flexible			

TESTS**Test requirements**

EN 61643-11:2012

IEC 61643-11:2011

Test result

The test results are laid down in DEKRA test file 2179748.08.

Remarks

This certificate is also based on certificate 2168395.05 and replaces certificate 2144983.08 issued on 14 November 2011.

Conclusion

The examination proved that all test requirements were met.

Tested by : C.C. Burger

A blue ink signature of C.C. Burger, consisting of several loops and a long horizontal stroke.

Checked by : M.T.H. van Gemen

A blue ink signature of M.T.H. van Gemen, featuring a series of sharp, angular strokes.**Factory locations**

As laid down in DEKRA file 2179748.08.