

CERTIFICATE

Issued to:
Applicant:
ELEQ Steenwijk b.v.
Tukseweg 130
8331 LH Steenwijk, The Netherlands

Manufacturer/Licensee:
ELEQ Steenwijk b.v.
Tukseweg 130
8331 LH Steenwijk, The Netherlands

Product(s) : fuse boxes for streetlighting
Trade name(s) : ELEQ,
FAGET
Type(s)/model(s) : LS-94 ...

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 61439-2:2011; HD 60269-3:2010;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900123

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: 29 November 2013 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2103944.06

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

F.S. Strikwerda
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	fuse boxes for streetlighting
trade name(s)	:	ELEQ, FAGET
type(s)	:	LS-94 5L0409-6A, LS-94 5L0410-6A, LS-94 5L2007, LS-94 5L2301, LS-94 5L2302, LS-94 5L2303, LS-94 5L2304, LS-94 5L2305, LS-94 5L2306, LS-94 5L2307, LS-94 5L2308, LS-94 5L2401, LS-94 5L2402, LS-94 5L2403, LS-94 5L2408, LS-94 5L2409, LS-94 5L2410
rated operational voltage (Ue)	:	400 Vac
rated insulation voltage (Ui)	:	500 V
rated current (InA)	:	see product data per type
connection to armature	:	see product data per type
couple through next lamppost	:	see product data per type
rated conditional short-circuit current (Icc)	:	6 kA
rated frequency (fn)	:	50 Hz
rated impulse withstand voltage (Uimp)	:	6 kV
classification	:	enclosed box type assembly
condition of installation	:	for outdoor installation
degree of protection	:	IP23
protection against mechanical impact	:	IK08
applied fuse-holder	:	see product data per type
protection against electrical shock	:	Ordinary

Product data - type LS-94 5L0409-6A

applied fuse-holder	:	2 x DII, including 6 A fuses
connection to armature	:	max. 6 A
connection to next lamppost	:	max. 51 A depending of load armature
rated current (InA)	:	63 A
provision for cable entry	:	2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	:	No
provided with automatic PE connection	:	Yes
provided with Neutral disconnecter	:	No
possibility to change phase	:	Yes
terminals	:	5 mantle terminals for connection of 2 x 16 mm ²

Product data - type LS-94 5L0410-6A

applied fuse-holder	: 2 x DII, including 6 A fuses
connection to armature	: max. 6 A
connection to next lamppost	: max. 51 A depending of load armature
rated current (InA)	: 63 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: yes
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: yes
terminals	: 5 mantle terminals for connection of 2 x 16 mm ²

Product data - type LS-94 5L2007

applied fuse-holder	: DII, including 6 A fuse
connection to armature	: max. 6 A
connection to next lamppost	: max. 44 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: yes
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: yes
terminals	: 4 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2301

applied fuse-holder	: 2 x DII, including 4 A fuse
connection to armature	: max. 4 A
connection to next lamppost	: max. 42 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: yes
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2302

applied fuse-holder	: 2 x DII, max 25 A
connection to armature	: max. 25 A
connection to next lamppost	: max. 25 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: yes
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2303

applied fuse-holder	: 2 x DII, max 25 A
connection to armature	: max. 25 A
connection to next lamppost	: max. 25 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: no
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2304

applied fuse-holder	: 2 x DII, including 6 A fuse
connection to armature	: max. 6 A
connection to next lamppost	: max. 38 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: no
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2305

applied fuse-holder	: 2 x DII, including 6 A fuses
connection to armature	: max. 6 A
connection to next lamppost	: max. 38 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: yes
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2306

applied fuse-holder	: 2 x DII, including 4 A fuses
connection to armature	: max. 4 A
connection to next lamppost	: max. 42 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: no
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2307

applied fuse-holder	: 2 x DII, including 6 A fuse
connection to armature	: max. 6 A
connection to next lamppost	: max. 38 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: yes
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2308

applied fuse-holder	: 2 x DII, including 2 A fuses
connection to armature	: max. 2 A
connection to next lamppost	: max. 46 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: no
provided with automatic PE connection	: no, protection by total insulation
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2401

applied fuse-holder	: DII, max 25 A
connection to armature	: max. 25 A
connection to next lamppost	: max. 25 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: no
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2402

applied fuse-holder	: DII, including 4 A fuse
connection to armature	: max. 4 A
connection to next lamppost	: max. 46 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: no
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2403

applied fuse-holder	: DII, max 25 A
connection to armature	: max. 25 A
connection to next lamppost	: max. 25 A depending of load armature.
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: yes
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2408

applied fuse-holder	: DII, including 2 A fuse
connection to armature	: max. 2 A
connection to next lamppost	: max. 48 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: no
provided with automatic PE connection	: no, protection by total insulation
provided with Neutral disconnecter	: no
possibility to change phase	: no
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2409

applied fuse-holder	: DII, max. 25 A
connection to armature	: max. 25 A
connection to next lamppost	: max. 25 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: no
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: yes
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

Product data - type LS-94 5L2410

applied fuse-holder	: DII, max. 25 A
connection to armature	: max. 25 A
connection to next lamppost	: max. 25 A depending of load armature
rated current (InA)	: 50 A
provision for cable entry	: 2 cable entries for groundcable 23 mm diameter and 2 cable entries for armature cable
connection between PE-Neutral	: yes
provided with automatic PE connection	: yes
provided with Neutral disconnecter	: no
possibility to change phase	: yes
terminals	: 5 mantle terminals for connection of 2 x 10 mm ² or 3 x 6 mm ²

TESTS**Test requirements**

EN 61439-2:2011

HD 60269-3:2010

Test result

The test results are laid down in DEKRA test file 2103944.06.

Remarks

This certificate replaces certificate 2103944.05 issued on 12 September 2012.

Conclusion

The examination proved that all test requirements were met.

Tested by : C.C. Burger

Checked by : H.L. Schendstok

Factory locations

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The Netherlands