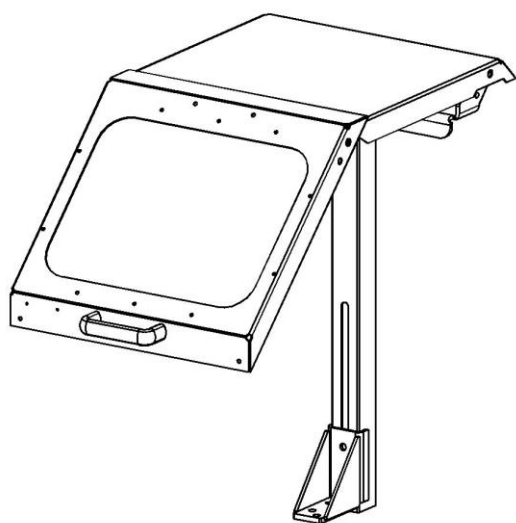


USER INSTRUCTIONS

Lathe chip guard

SLS-109-250, SLS-109-300, SLS-109-400, SLS-109-500



Dimensions

SLS-109-250:

The protector plate is 340 x 440 mm in size. It is provided with a PC plate window. The window opening is 280 x 285 mm in size. The frame tube is 500 mm in length. The protector has a total mass of approx. 14 kg.

SLS-109-300 and SLS-109-400:

The protector plate is 440 x 440 mm in size. It is provided with a PC plate window. The window opening is 380 x 285 mm in size. The frame tube is 500 mm in length. The protector has a total mass of approx. 16 kg.

SLS-109-500:

The protector plate is 550 x 530 mm in size. It is provided with a PC plate window. The window opening is 450 x 360 mm in size. The frame tube is 650 mm in length. The protector has a total mass of approx. 30 kg.

Uses

The protector has the purpose of shielding the user from lathe shavings. The maximum diameter of the work pieces depends on the model:

SLS-109-250, max. 250mm

SLS-109-300, max. 300mm

SLS-109-400, max. 400mm

SLS-109-500, max. 500mm

Installation

The user can install the protector himself onto the rear edge of the carriage, with the fastening either vertical or horizontal, by means of the fastening console. Two M10 screws are needed when fastening the protector. The height of the protector plate can be adjusted steplessly by means of the grooved frame tube. Horizontal placing is implemented by means of the frame tube's top-end fastener. If unclear on any aspect of this, please contact the manufacturer.

Operation

The protector plate has two positions: when in operation, the protector plate is drawn over the work piece and up to the carriage's front edge. During setting, the protector plate can be folded up/back by means of a handle. When this is done, changing the work piece and lathe tool is easier to do.

Inspection and maintenance

The protector plate should be kept clean in order to maintain good visibility. A severely scratched or cracked protector plate's PC plate must be replaced with a new one. If the protector plate has been dented, e.g. the levers are bent or the gas-powered spring is broken, the broken parts must be replaced with new parts. Check the tightness of the screw regularly.

The warranty period is two (2) years from the date of purchase; the PC plate is not covered by the warranty.

Keuruun FinnSafety Oy

EC Declaration of conformity for machinery

(Machinery Directive 2006/42/EC, Annex II., sub. A)

EY-vaatimustenmukaisuusvakuutus koneesta

(Konedirektiivi 2006/42/EY, Liite II A)

EG-försäkran om maskinens överensstämmelse

(Maskindirektivet 2006/42/EG, bilaga 2, A)

Manufacturer / Valmistaja / Tillverkare: Keuruun FinnSafety Oy

Address / Osoite / Adress : PI 39, FI-42701 Keuruu

Name and address of the person authorised to compile the technical file:

Henkilön nimi ja osoite, joka on valtuutettu kokoamaan teknisen tiedoston:

Namn och adress till den person som är behörig att ställa samman den tekniska dokumentationen:

Name / Nimi / Namn: Mika Hetekorpi Address / osoite / Adress: Paljekuja 4 FI-42107 Keuruu

Herewith we declare that safety component

Vakuuttaa, että turvakomponentti

Försäkrar härmed att säkerhets komponent

FinnSafetySystem GUARD	SLS-109 -	SN 0001400 – SN 0001999
FinnSafetySystem GUARD	SLS-109 -	SN 0001400 – SN 0001999
FinnSafetySystem GUARD	SLS-109 -	SN 0001400 – SN 0001999

- Is in conformity with the relevant provisions of the Machinery Directive (2006/42/EC)
- on konedirektiivin (2006/42/EY) asiaankuuluvien säännösten mukainen
- Har följande grundläggande krav i maskindirektivet (2006/42/EC) tillämpats och fullföljts

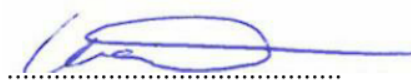
And are manufactured according standard: Guards SFS-EN ISO 14120

Ja on valmistettu standardin Guards SFS-EN ISO 14120mukaan

Vi försäkrar dessutom att standard Guards SFS-EN ISO 14120 har använts

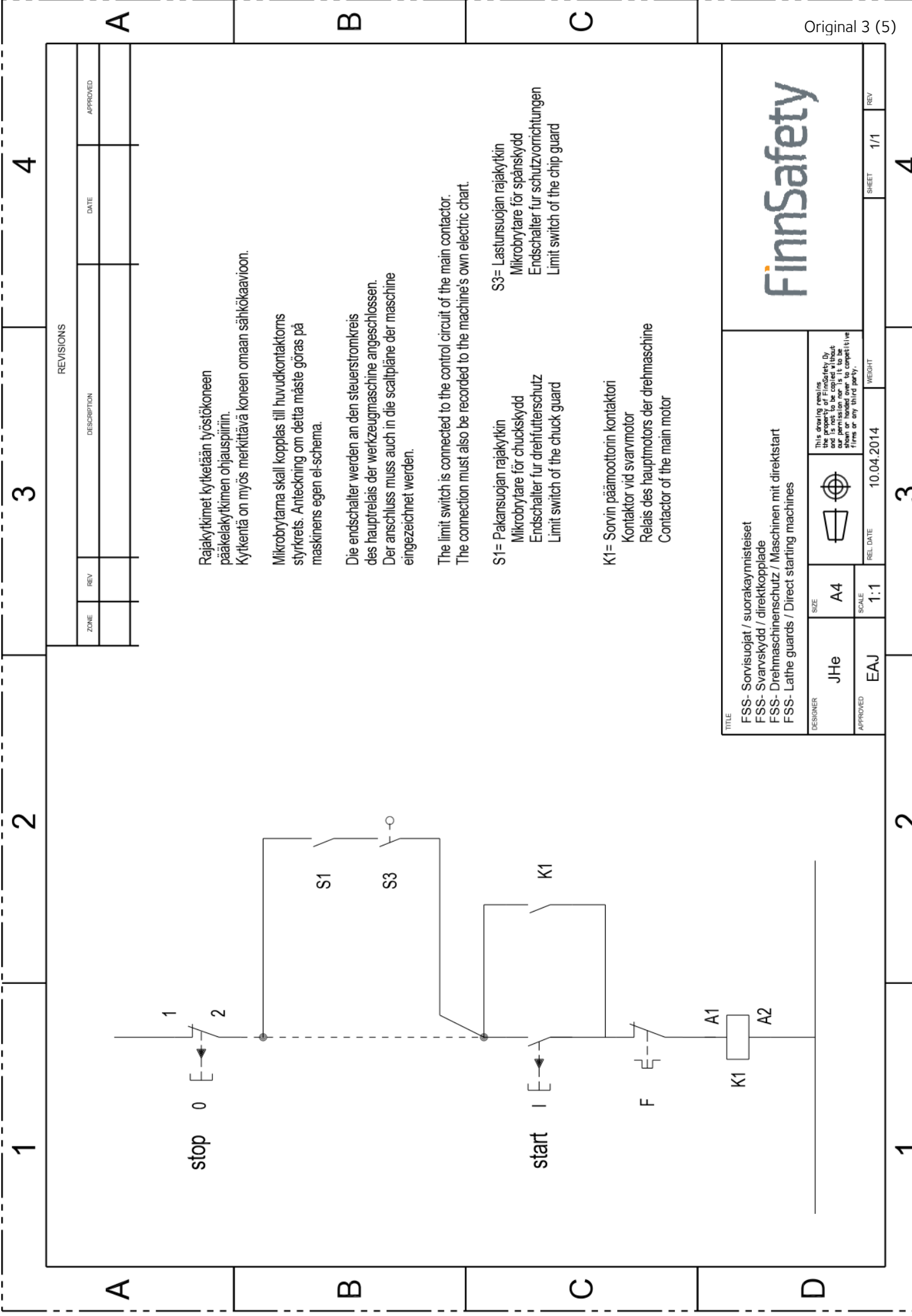
Place,date / Paikka, aika / Ort och datum: Keuruu 01.01.2016

Signature / allekirjoitus / Signatur:



Mika Hetekorpi

Managing Director / toimitusjohtaja / VD



REVISIONS			
ZONE	REV	DESCRIPTION	DATE

Rajakytkimet kytketään työstökoneen pääkelauskytkimen ohjauspiiriin.
Kytkentä on myös merkittävä koneen omaan sähkökaavioon.

Mikrobrytarna skall kopplas till huvudkontaktorns styckrets. Anteckning om detta måste göras på maskinens egen el-schema.

Die endschalter werden an den steuerstromkreis des hauptrelais der werkzeugmaschine angeschlossen. Der anschluss muss auch in die scaltpläne der maschine eingezeichnet werden.

The limit switch is connected to the control circuit of the main contactor.
The connection must also be recorded to the machine's own electric chart.

S1= Pakansuojan rajakytkin
Mikrobrytare för chuckskydd
Endschalter für drehfutterschutz
Limit switch of the chuck guard

S3= Lastnsuojan rajakytkin
Mikrobrytare för spånskydd
Endschalter für schutzvorrichtungen
Limit switch of the chip guard

K1= Sorvin päämoottorin kontaktori
Kontaktör vid svarvmotor
Relais des hautmotors der drehmaschine
Contactor of the main motor

Finnsafety	
TITLE FSS- Sorvisuojat / suorakäynnisteiset FSS- Svarvskydd / direktkopplade FSS- Drehmaschinenchutz / Maschinen mit direktstart FSS- Lathe guards / Direct starting machines	
DESIGNER JHe	SIZE A4
APPROVED EAJ	SCALE 1:1
	REL. DATE 10.04.2014
WEIGHT 10.04.2014	SHEET 1/1
REV 1/1	REV 1/1

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REVISIONS			
ZONE	REV	DESCRIPTION	DATE

Rajakytkimet kytketään työstökoneen pääkelahtytkimen ohjauksiin.
Kytkeä on myös merkittävä koneen omaan sähkökaavioon.

Mikrobrytarna skall kopplas till huvudkontakternas styrkrets. Anteckning om detta måste göras på maskinens egen el-schema.

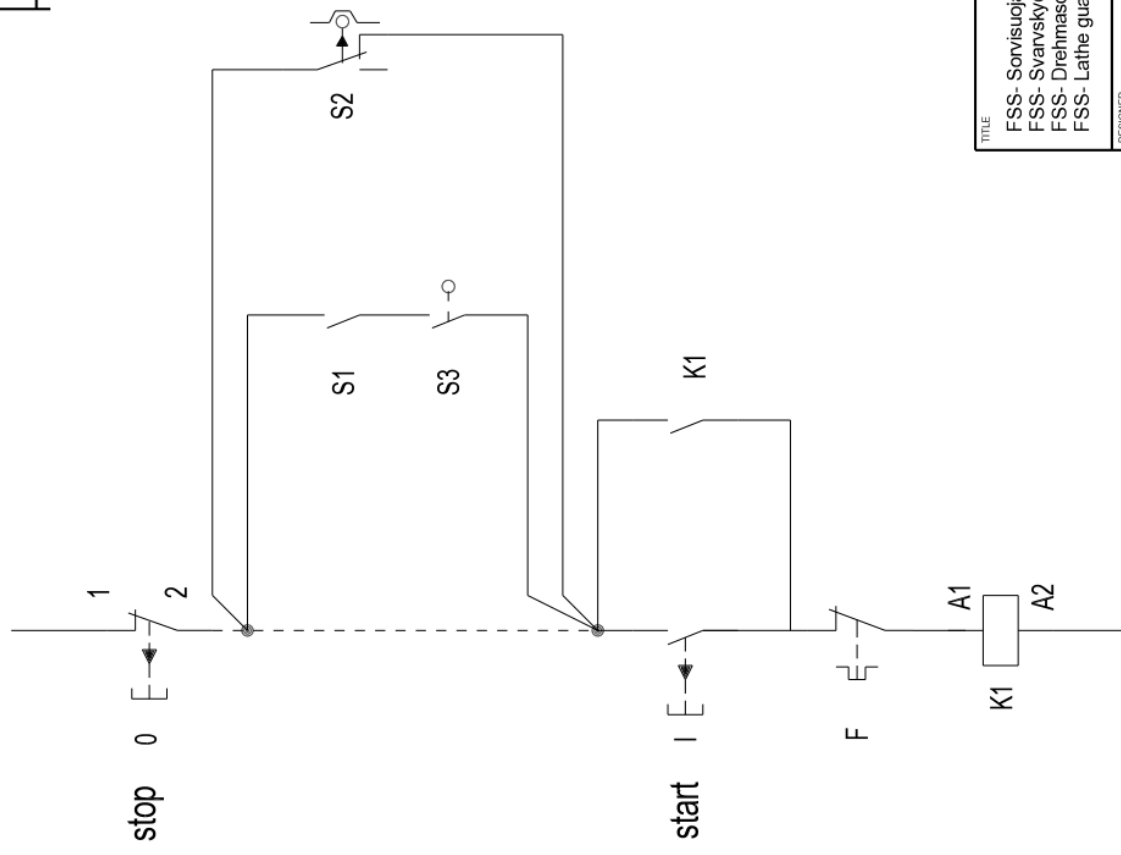
Die endschalter werden an den steuerstromkreis des hauptrelais der werkzeugmaschine angeschlossen. Der anschluss muss auch in die scallpläne der maschine eingezeichnet werden.

The limit switch is connected to the control circuit of the main contactor.
The connection must also be recorded to the machine's own electric chart.

S3= Lastnsuojajan rajakytkin
Mikrobrytare för spånskydd
Endschalter für schutzvorrichtungen
Limit switch of the chip guard

S2= Käyttöivun rajakytkin
Mikrobrytare vid kopplingsaxel
Endschalter des betätigungshebels
Limit switch of the operation lever

K1= Sorvin päämoottorin kontaktori
Kontaktor vid svarvmotor
Relais des hauptmotors der drehmaschine
Contactor of the main motor



<p>Finnsafety</p>	
<p>TITLE FSS- Sorvisuojat / Lamellikytketyt koneet FSS- Svarskydd / Lamellkopplade maskiner FSS- Drehmaschinenshutz / Maschinen im dauerbetrieb FSS- Lathe guards / Continuous starting machines</p>	
DESIGNER JHe	SIZE A4
APPROVED EAJ	SCALE 1:1
REL. DATE 10.04.2014	WEIGHT 1/1
<p><small>This drawing remains the property of Finnsafety. By using this drawing without our permission nor is it to be shown or handed over to competitive firms or any third party.</small></p>	

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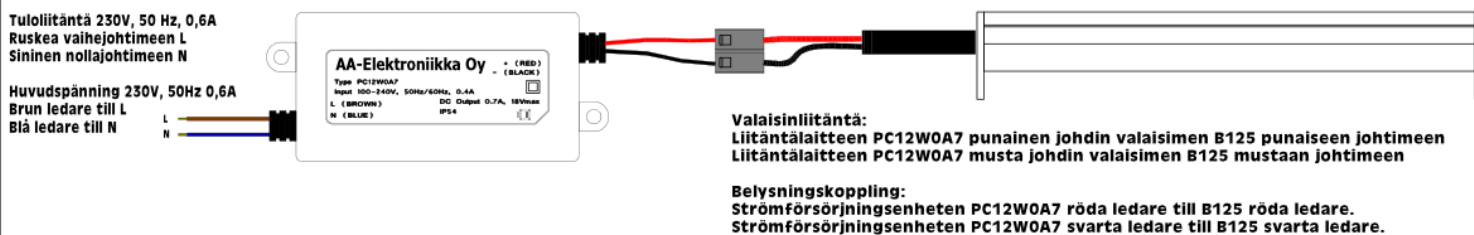
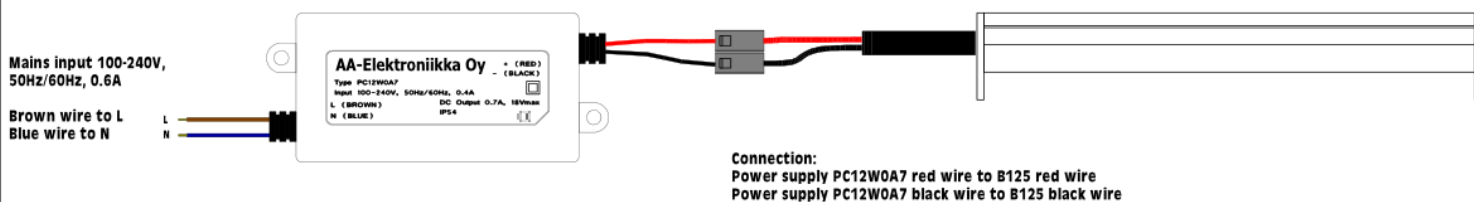
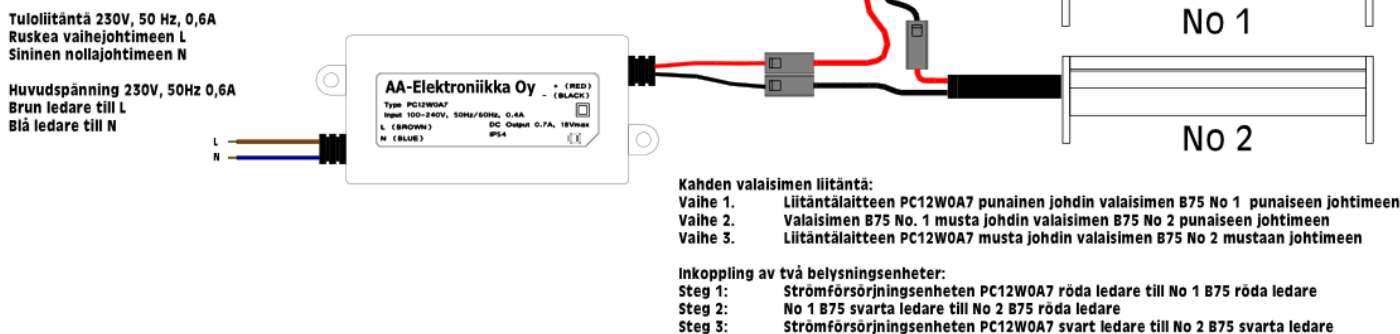
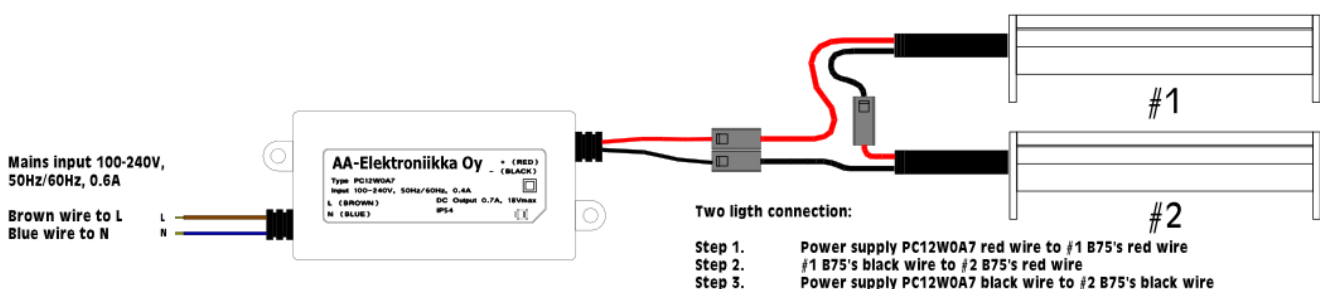
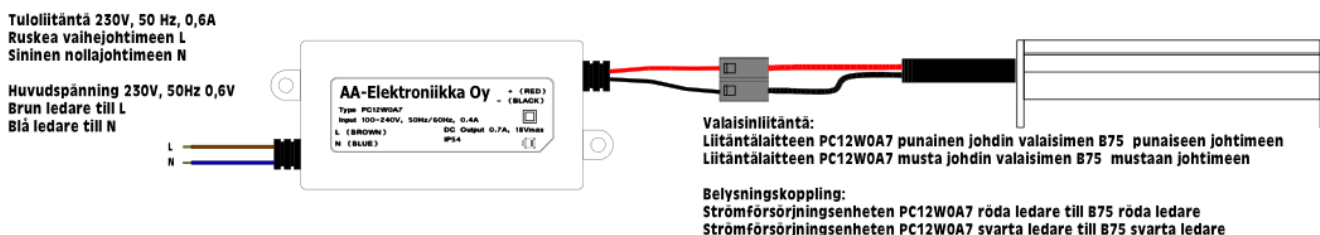
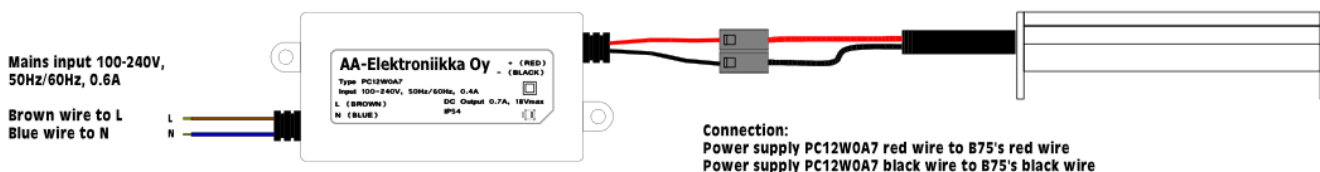
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Design	I. Ahola 16.8.2015	Title Led Light B75 and B125	Page 1/1
Drawn	I. Ahola 16.8.2015		
Checked		Wiring Diagram	
Approved		AA-Elektronikka Oy	920 1050
Size	A4		