



NS FSS AJ 16L HFX
NS FRS AJ 16L HFX
NS FRS AJ 32L HFX
NS SRW FX 16L HFX
NS SRW FX 32L HFX
NS SRW AJ 16L HFX
NS SRW AJ 32L HFX

Pages 2-7, 15



NS FSS AJ 4L NG

Pages 8-15



EN Mounting instructions

Important notices. Please, read first! Keep the instructions safe! Specifications are subject to change without notice! If you have questions, please contact the manufacturer.

DE Montageanleitung

Wichtige Hinweise. Bitte zuerst lesen! Anleitung aufbewahren! Technische Änderungen vorbehalten! Bei Fragen wenden sie sich an den Hersteller.

FR Notice de montage

Remarques importantes. À lire en premier lieu! Conservez cette notice! Modifications techniques sans préavis! Si vous avez des questions, veuillez contacter le fabricant.

IT Istruzioni di montaggio

Nota importanti. Si prega di leggere prima! Conservare le istruzioni! Modifiche tecniche senza preavviso! Per chiarimenti rivolgersi al produttore.

ES Instrucciones de montaje

Notas importantes. Por favor, lea primero! ¡Guarde las instrucciones! ¡Reservado el derecho de realizar modificaciones técnicas sin preaviso! Si tiene alguna pregunta, póngase en contacto con el fabricante.

NL Montagehandleiding

Belangrijke informatie. Gelieve eerst te lezen! Houd deze gebruiksaanwijzingen zorgvuldig bij! Technische wijzigingen blijven voorbehouden! Als u vragen hebt, kan u contact opnemen met de fabrikant.

SV Installationsanvisning

Viktigt information. Läs först! Spara anvisningen! Med reservation för tekniska ändringar! Om du har frågor ber vi dig ta kontakt med tillverkaren.

FI Asennusohje

Tärkeä huomautus. Lue ensin! Säilytä käyttöopas! Oikeudet teknisiin muutoksiin pidätetään! Lähetä mahdolliset kysymykset valmistajalle.

RU Инструкция по монтажу

Важная информация. Просьба ознакомиться перед началом работ! Сохраняйте инструкцию! Компания сохраняет за собой право на внесение технических изменений. При возникновении вопросов обращайтесь к производителю.

PL Instrukcja montażu

Ważne wskazówki/ uwagi. Proszę pierwsze przeczytać całość instrukcji. Proszę zachować instrukcję! Zastrzega się prawo do wprowadzania zmian technicznych. W razie pytań skontaktuj się z producentem.

ZH 安装说明

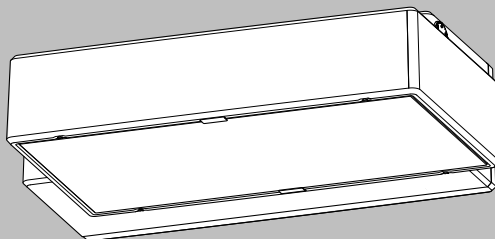
重要提示。请先阅读！保留本说明！
请勿执行技术变动！
如有问题，请咨询制造商。

AR

تعليمات التركيب
ملاحظات هامة. يرجى القراءة أولاً!
إبقاء التعليمات!
تخضع المواصفات للتغيير دون تقديم إشعار!
إذا كان لديك أسئلة، الرجاء الاتصال بالشركة المصنعة.



NS FSS AJ 16L HFX
 NS FRS AJ 16L HFX
 NS FRS AJ 32L HFX
 NS SRW FX 16L HFX
 NS SRW FX 32L HFX
 NS SRW AJ 16L HFX
 NS SRW AJ 32L HFX



96631691
DISTANCE PLATE 16L/32L



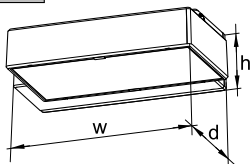
96631687
ADAPTER FLAT-TO-POLE



96631693
GROUND SPIKE 16L/32L



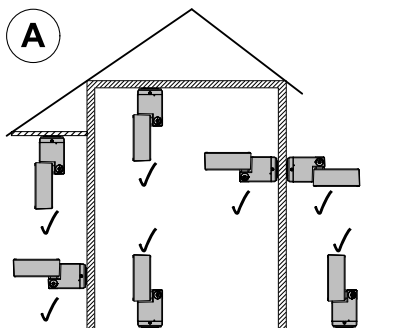
i



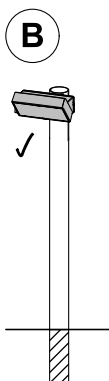
	w	d	h	A _{max.} (w x d)	m
FSS 16L	222 mm	292 mm	118 mm	650 cm ²	5,70 kg
FRS/SRW 16L	369 mm	216 mm	118 mm	800 cm ²	7,60 kg
FRS/SRW 32L	369 mm	292 mm	118 mm	1090 cm ²	9,00 kg

i

IP66 Mounting Options



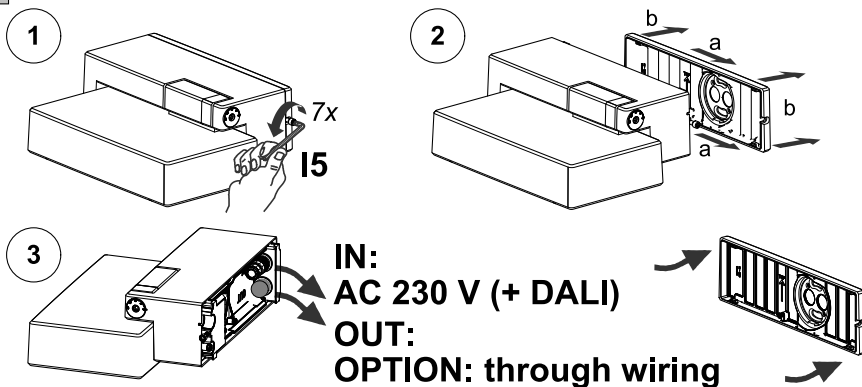
surface mounting



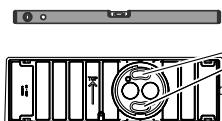
**ADAPTER
round pole**



GROUND SPIKE



A2 surface mounting

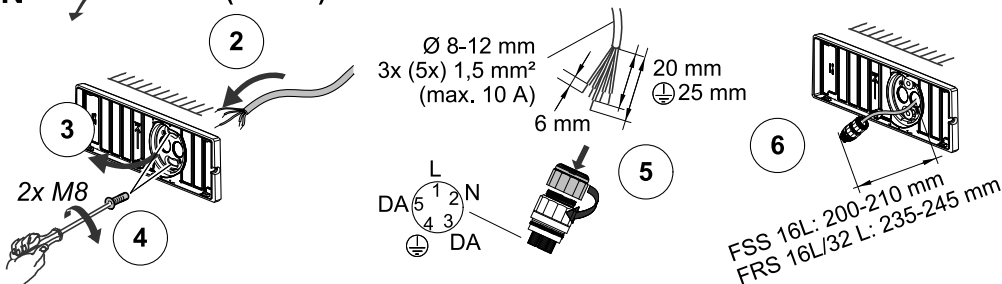


1



step A6!

IN  AC 230 V (+ DALI)



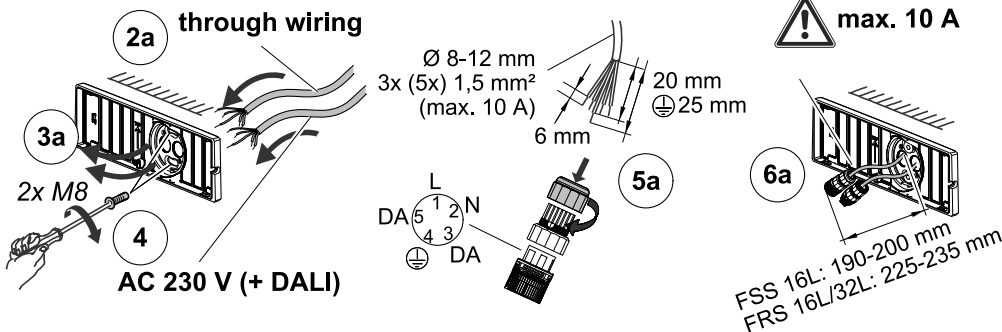
OUT  OPTION: through wiring AC 230 V (+ DALI)



through wiring

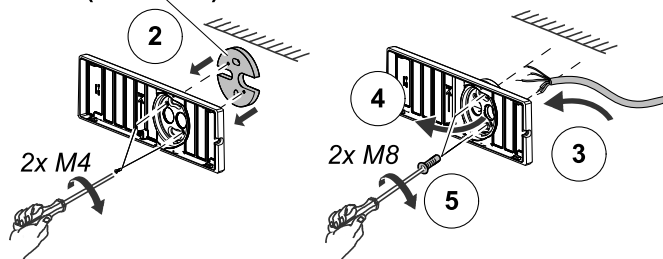


max. 10 A



A2 OPTION: on-wall wiring

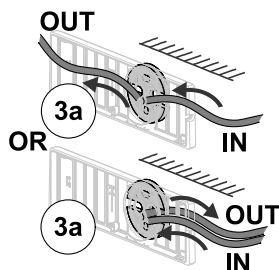
DISTANCE PLATE 16L/32L
(96631691)



through wiring

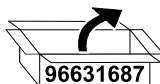
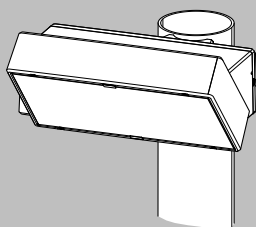


max. 10 A



B2 ADAPTER round pole

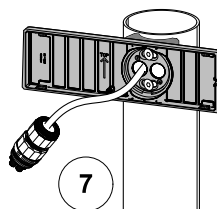
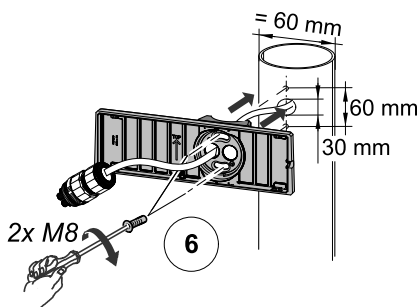
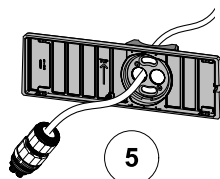
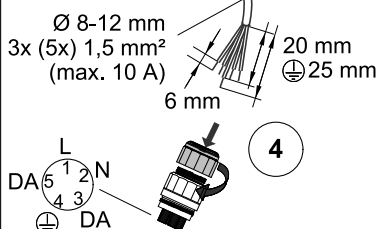
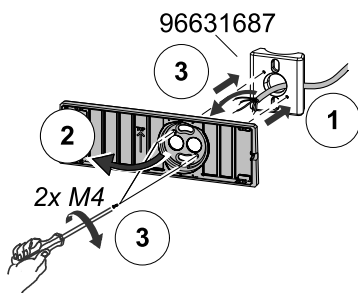
i



+ 2x M4

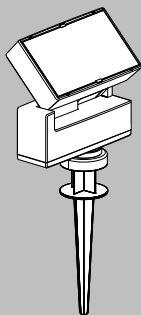


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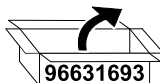


C2 GROUND SPIKE 16L/32L

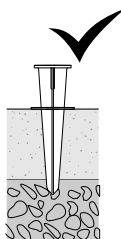
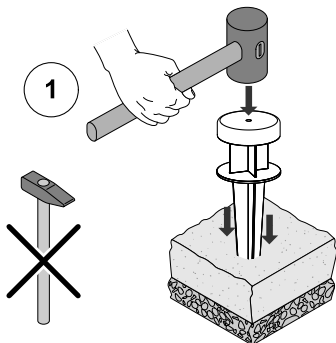
i



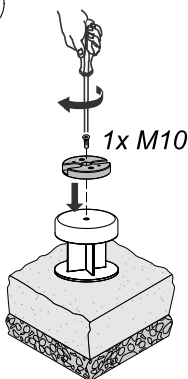
NS DISTANCE PLATE 16L/32L
+ 1x M10, 2x M8, 2x M4



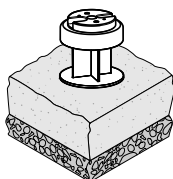
www.thornlighting.com/NISI



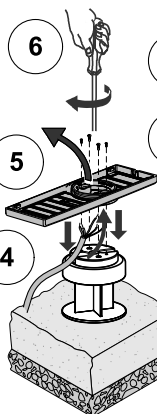
2



3



6

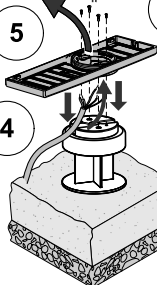


6a 2x M4

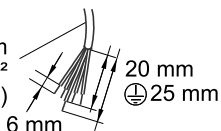
6b 2x M8

15 Nm

4



Ø 8-12 mm
3x (5x) 1,5 mm²
(max. 10 A)

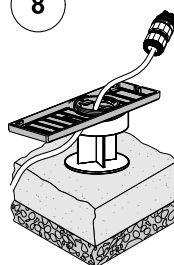


L
1 2 N
5 4 3
DA

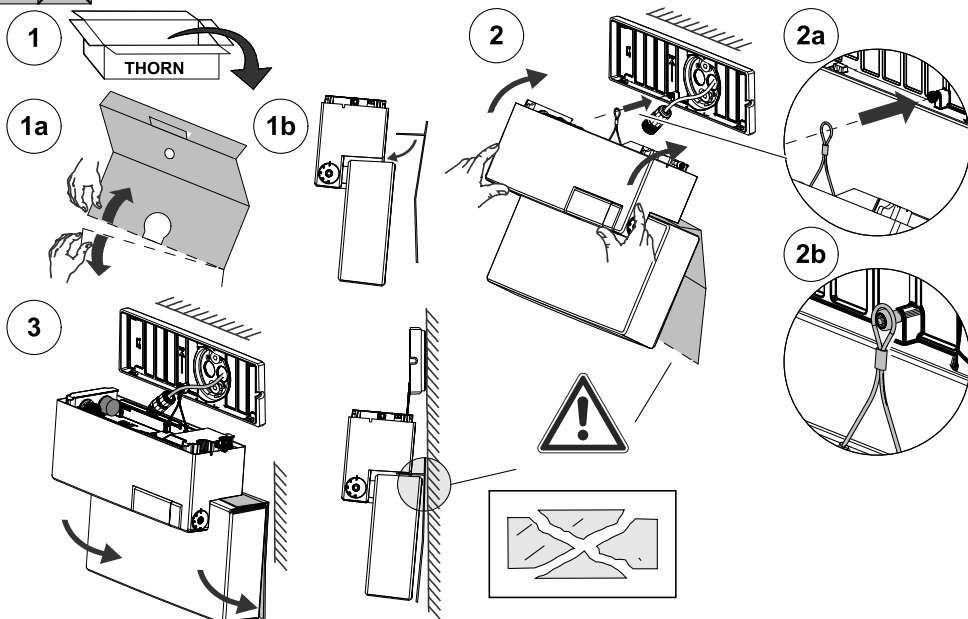


7

8



AB3 C3



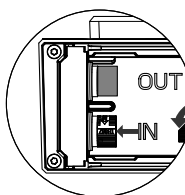
ABC4

⚡ AC 230 V (+ DALI)

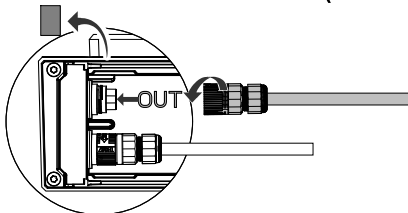


max. 10 A

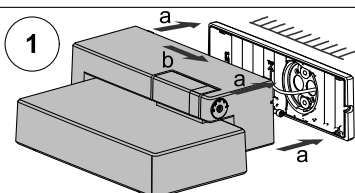
⚡ OPTION: through wiring
AC 230 V (+ DALI)



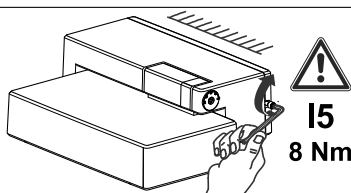
AC 230 V (+ DALI)



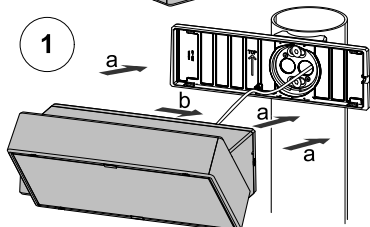
A5



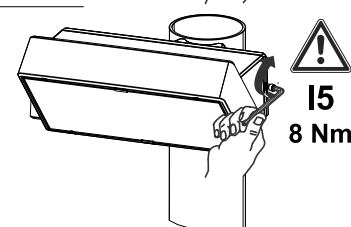
2



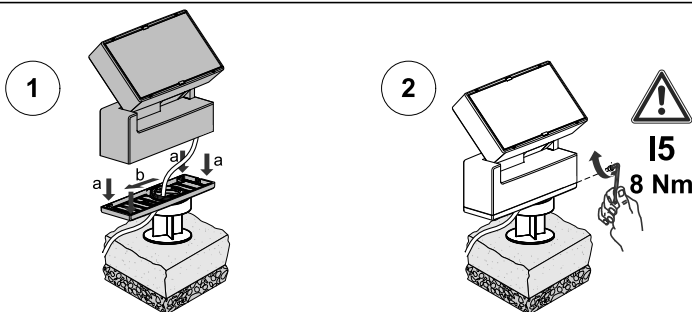
B5



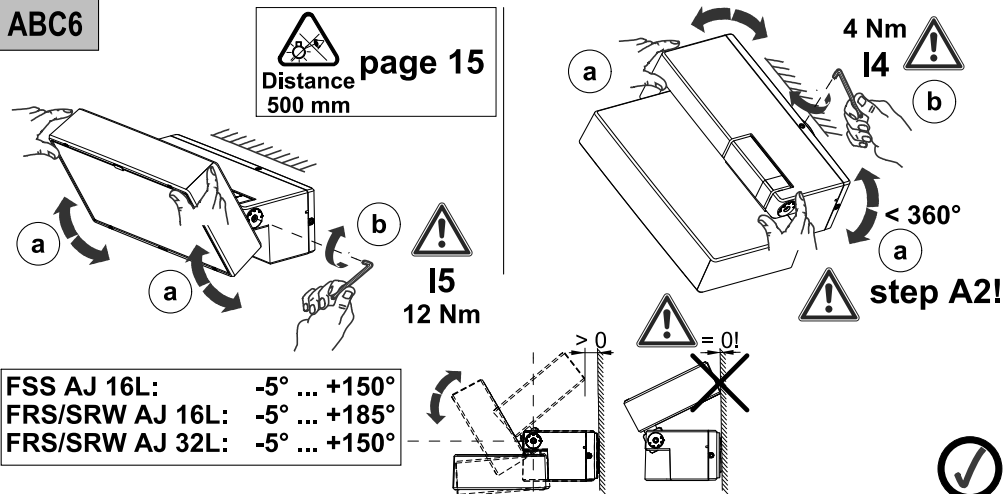
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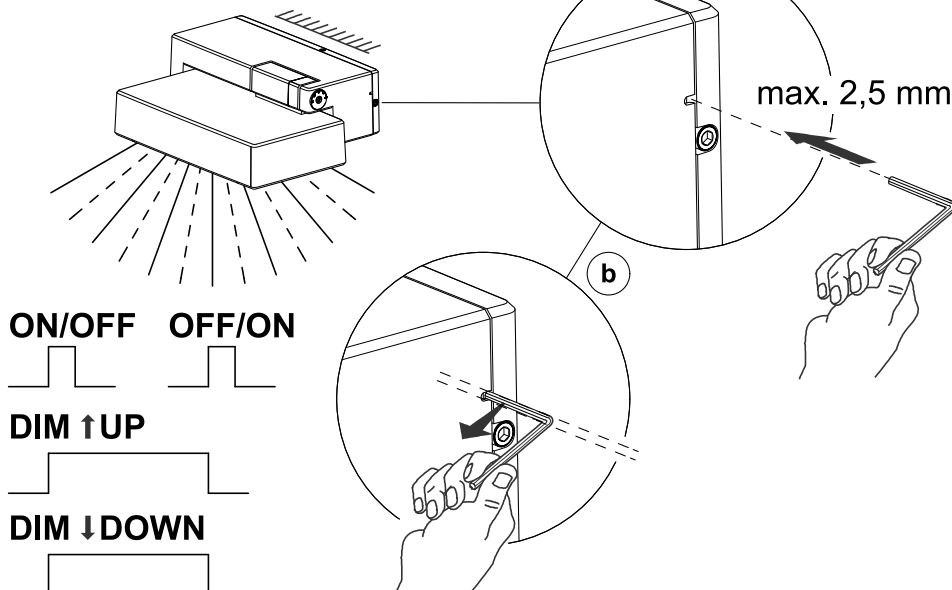
C5



ABC6



i OPTION: LST (switch DIM)



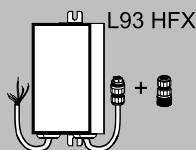
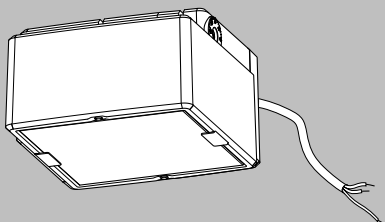


NS FSS AJ 4L NG

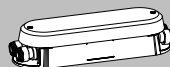


NS 4L ONLY

96631239 NS CBOX GT DECO 1-2X4L93 HFX
96631680 NS CBOX GT 1-2X4L93 HFX
96631681 NS CBOX GT 3-5X4L93 HFX



DECO L93 HFX



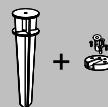
**96631689
CONNECTOR 4L**



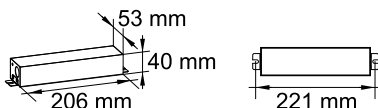
**96631690
DISTANCE PLATE 4L**



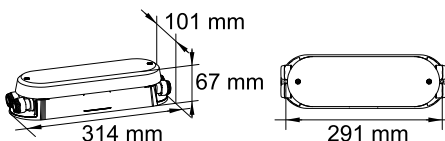
**96631692
GROUND SPIKE 4L**



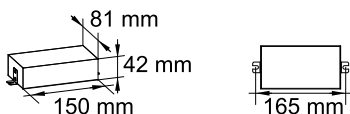
i CBOX GT 1-2X4L93 HFX



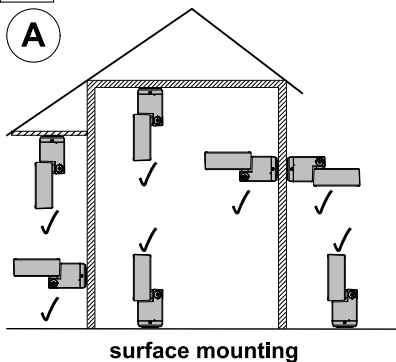
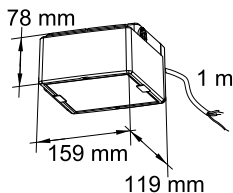
CBOX GT DECO 1-2X4L93 HFX



CBOX GT 3-5X4L93 HFX



i IP66 Mounting Options



surface mounting

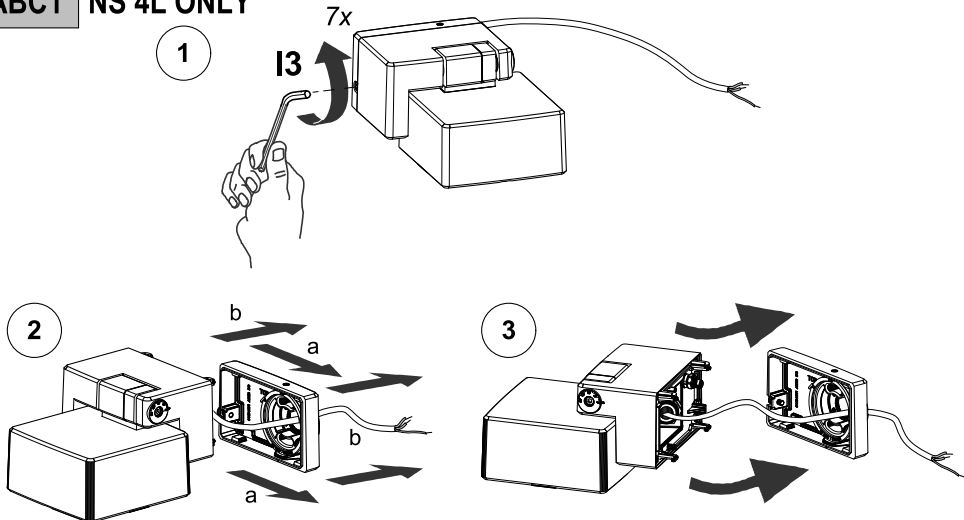


pole mounting



GROUND SPIKE

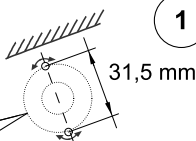
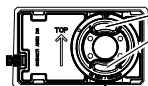
ABC1 NS 4L ONLY



!

- (DE)** Anschlussklemme nicht beinhaltet, die Installation muss von einer qualifizierten Person durchgeführt werden.
- (EN)** Terminal Block not included, installation must be performed by a qualified person.
- (FR)** Bornier non inclus, l'installation doit être réalisée par une personne qualifiée.
- (IT)** Morsetti non inclusi, installazione deve essere realizzata da personale qualificato.
- (NL)** De aansluitklem is niet inbegrepen, deze moet van een gekwalificeerd persoon worden geïnstalleerd.

A2 NS 4L ONLY



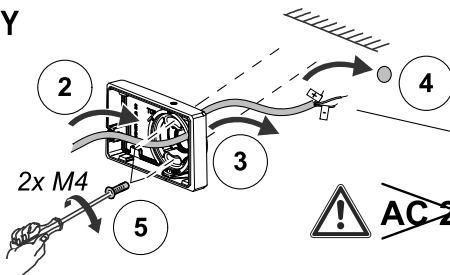
1



step AB5!

A2 surface mounting

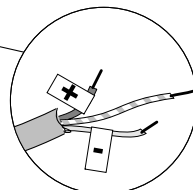
NS 4L ONLY



NO through wiring!



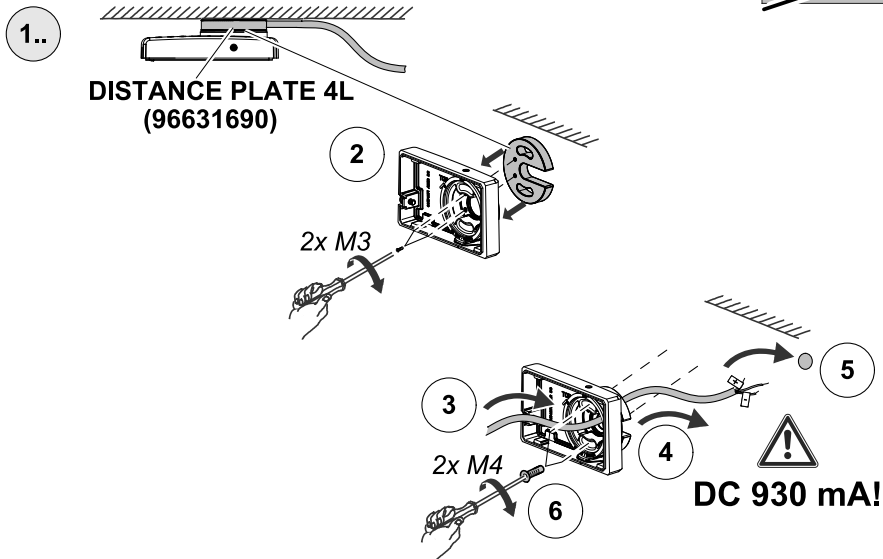
AC 230 V!



A2 OPTION: on-wall wiring

NS 4L ONLY

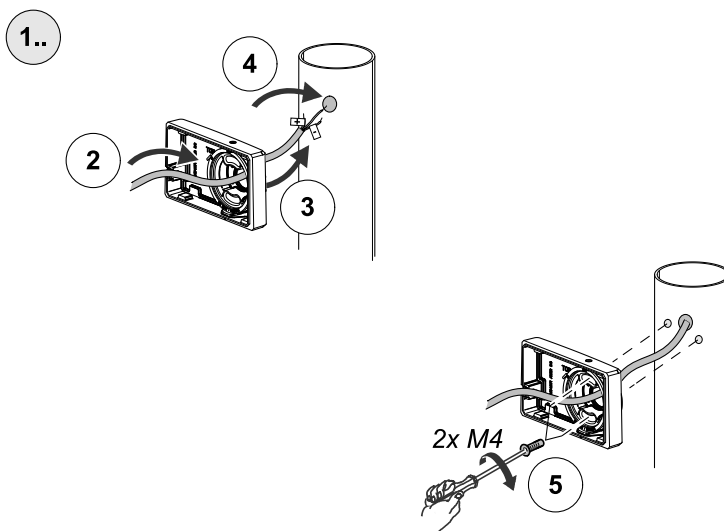
 **NO through wiring!**



B2 pole mounting

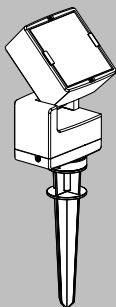
NS 4L ONLY

 **NO through wiring!**

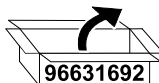


C2 GROUND SPIKE 4L

i

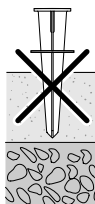
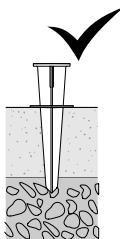
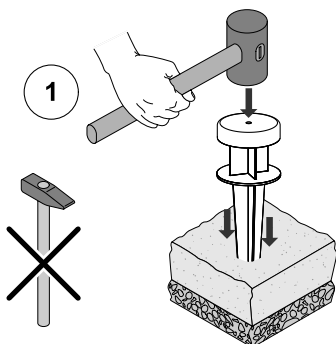


DISTANCE PLATE
+ 1x M5, 2x M3, 2x M4

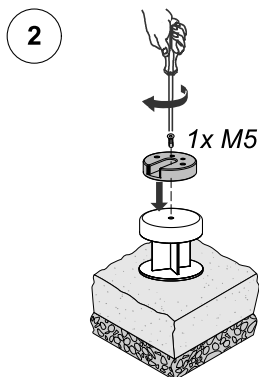


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NS 4L ONLY

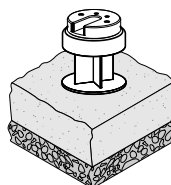


NS 4L ONLY



NS 4L ONLY

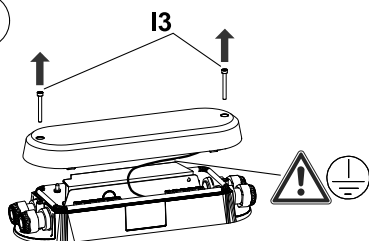
3





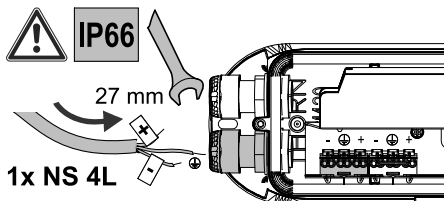
NS 4L ONLY

1

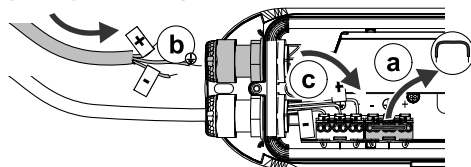


2

OUT: LOW VOLTAGE

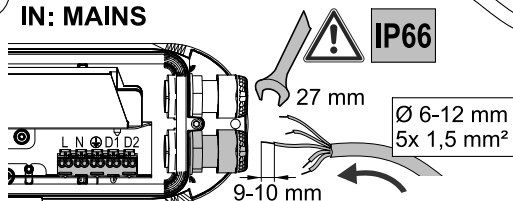


OPTION: 2x NS 4L

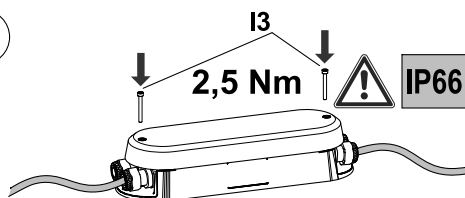


3

IN: MAINS

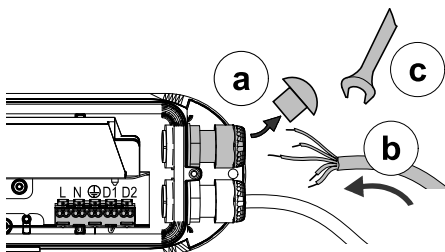
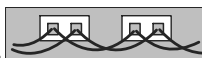


4



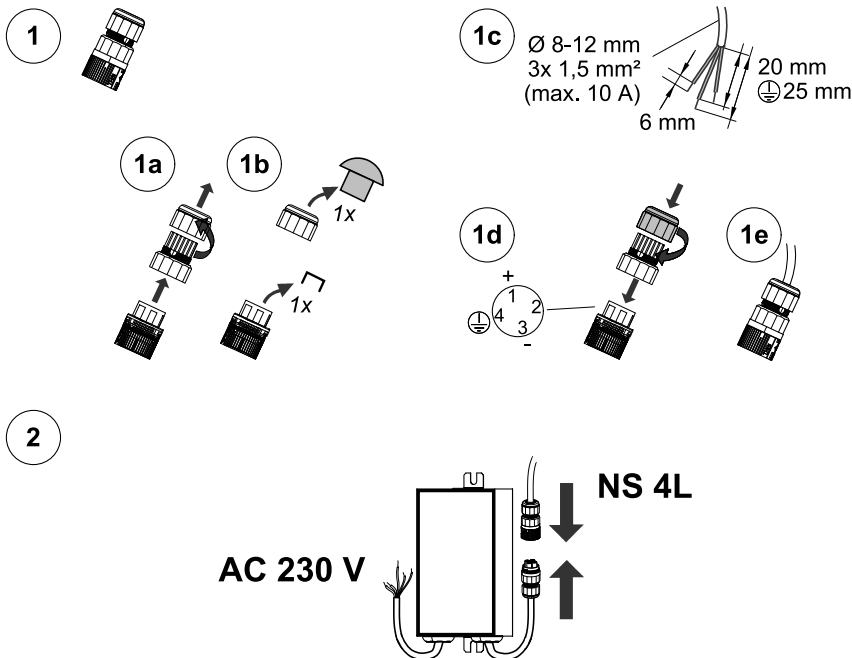
i

OPTION: through wiring!

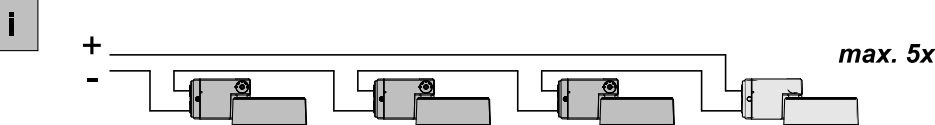
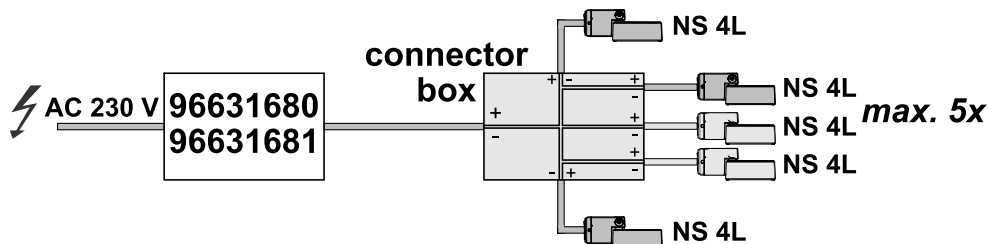




NS 4L ONLY

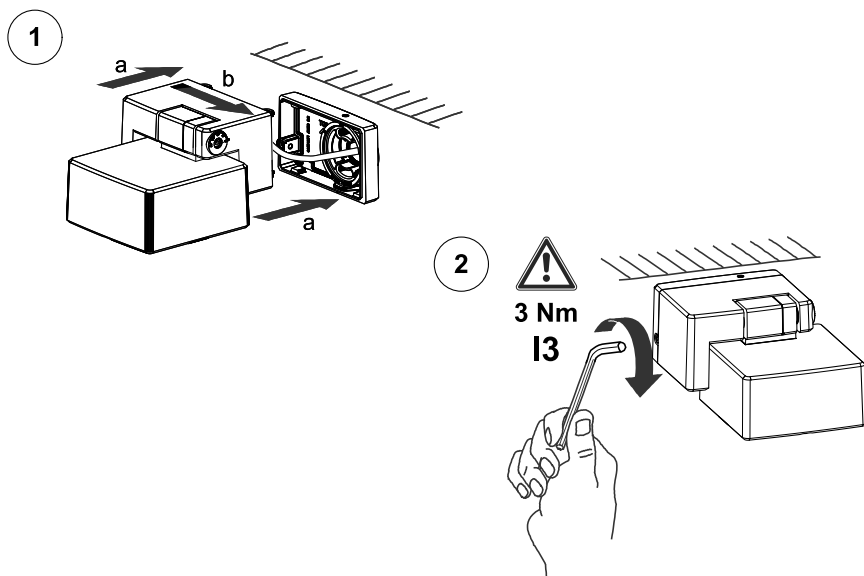


NS 4L ONLY



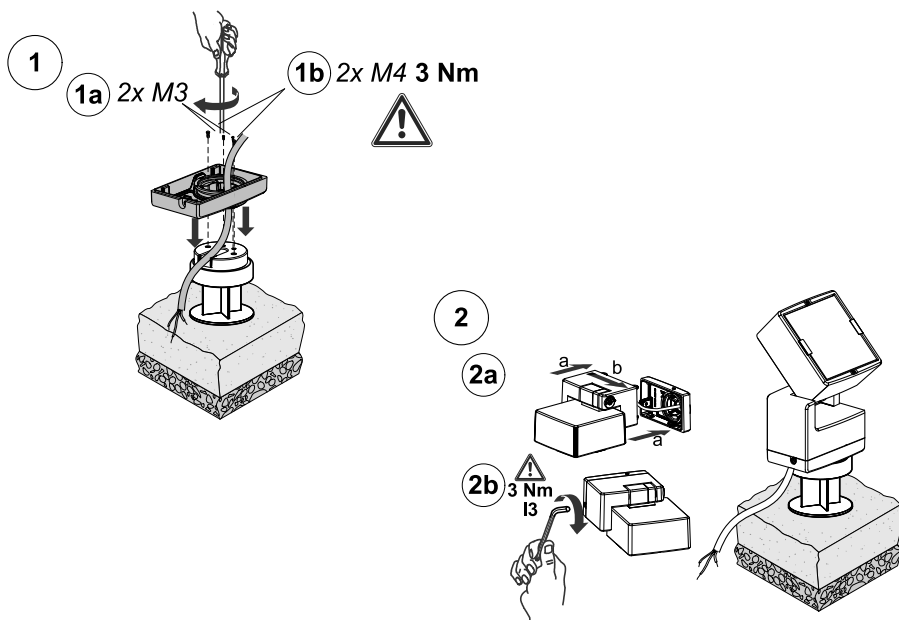
AB4 surface or pole mounting

NS 4L ONLY

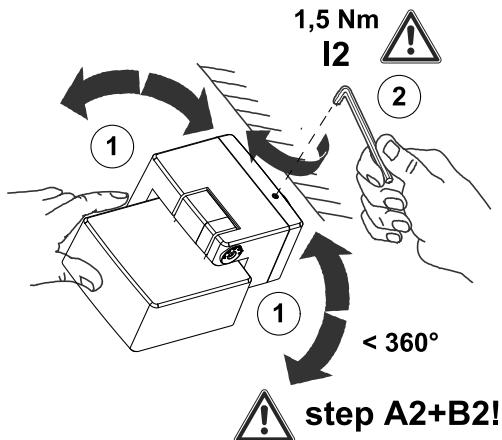
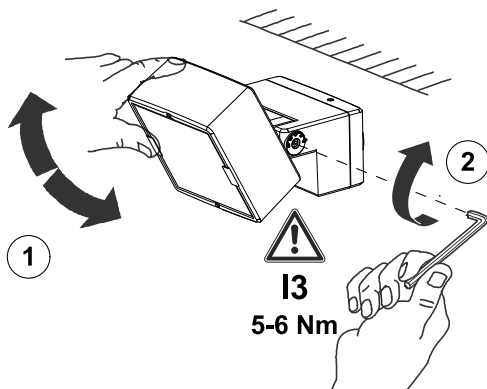


C4 GROUND SPIKE 4L

NS 4L ONLY

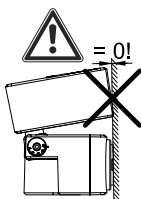
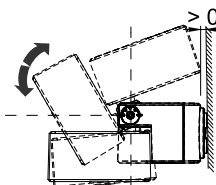


ABC5 NS 4L ONLY



i NS 4L ONLY

FSS AJ 4L: $-5^{\circ} \dots +165^{\circ}$



! ALL



The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 500 mm is not expected.



Distance
500 mm

(DE) Hinweise für die Montage und den Betrieb!

Die Montage und Inbetriebnahme der Leuchte sowie jede Veränderung an der Leuchte darf nur von autorisierten Fachkräften (qualifizierter Elektriker) durchgeführt werden. Die nationalen Errichterbestimmungen sind zu beachten. Vor jeder Arbeit an der Leuchte ist diese vom Netz zu trennen. **Hot Plug-in ist nicht möglich und kann zu Schäden an der Leuchte führen!**

Der Hersteller haftet nicht für Schäden, die aus fehlerhafter Montage, aus unsachgemäßem Betrieb oder unautorisierten Veränderungen an der Leuchte resultieren.



Die Lichtquelle dieser Leuchte ist nicht ersetzbar; wenn die Lichtquelle ihr Lebensdauerende erreicht hat, ist die gesamte Leuchte zu ersetzen. Bei beschädigtem Abschlussglas ist ebenfalls die gesamte Leuchte zu tauschen. **Vorsicht, Gefahr eines elektrischen Schlags.**

Technische Änderungen vorbehalten! Bei Fragen wenden sie sich an den Hersteller.

(EN) Instructions for installation and operation!

The installation and commissioning of the luminaire as well as any modification to the luminaire may only be performed by authorized personnel (qualified electrician). National installation regulations must be observed. Before any work on the appliance is done, it must be disconnected from mains.

Hot plug-in is not an option and may cause damage to the lamp or luminaire!

The manufacturer is not liable for damages resulting from improper or faulty installation or operation or from unauthorized modifications to the luminaire.



The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced. If the cover glass is damaged also the whole luminaire needs to be replaced. **Caution, risk of electric shock!**

Specifications are subject to change without notice! If you have questions, please contact the manufacturer.

(FR) Instructions pour l'installation et l'utilisation!

L'installation et la mise en service du luminaire ainsi que toute modification au luminaire doivent être effectuées par un personnel autorisé (électricien qualifié). Les règles nationales d'installation doivent être respectées. Avant toute intervention sur l'appareil, il doit être débranché de son alimentation.

Le branchement à chaud est interdit, et peut endommager à la lampe ou le luminaire!

Le fabricant décline toute responsabilité pour les dommages résultant d'une mauvaise installation ou opération, ou d'une modification non autorisée du luminaire.



La source lumineuse de ce luminaire n'est pas remplaçable; lorsque la source lumineuse atteint sa fin de sa vie, le luminaire entier doit être remplacé. Si la glace de fermeture est endommagée, le luminaire entier doit également être remplacé. **Avertissement, risque de choc électrique.**

Sous réserve de modifications des spécifications techniques! Pour toute question, contactez le fabricant.

(IT) Istruzioni per l'installazione e il funzionamento!

L'installazione e la messa in servizio degli apparecchi, nonché qualsiasi modifica dell'apparecchio può essere eseguita solo da personale autorizzato (elettricista qualificato). Le norme nazionali di installazione devono essere rispettate. Prima di qualsiasi intervento sull'apparecchio, questo deve essere scollegato dalla rete.

Non è possibile un Hot Plug In e può causare danni alla lampada o all'apparecchio!

Il produttore non si assume alcuna responsabilità per i danni derivanti da un'installazione impropria o difettosa, o per modifiche non autorizzate apportate all'apparecchio. La sorgente luminosa di questo apparecchio



non è sostituibile; quando la sorgente luminosa raggiunge il termine di vita, l'intero apparecchio deve essere sostituito. Se il vetro è danneggiato, l'intero apparecchio deve essere sostituito.

Attenzione, rischio di shock elettrico! Modifiche tecniche sono soggette a cambiamenti senza preavviso! Se avete domande, si prega di contattare il produttore.

(NL) Aanwijzingen voor installatie en bediening!

De installatie en inbedrijfstelling van het armatuur, alsook elke wijziging in of aan het armatuur mogen alleen door bevoegd personeel (elektricien) worden uitgevoerd. De nationale installatie voorschriften moeten worden nageleefd. Voor alle werkzaamheden aan het apparaat, moet deze worden losgekoppeld van het net.

Hot plug-in is niet mogelijk en kan schade aan de lichtbron of het verlichtingstoestel veroorzaken!

De fabrikant is niet aansprakelijk voor schade als gevolg van onjuiste of foutieve installatie, bediening of schade welke het gevolg zijn van niet geautoriseerde wijzigingen aan het armatuur. De lichtbron van dit



armatuur is niet vervangbaar; indien de lichtbron aan het einde van zijn levensduur is, dient het gehele armatuur vervangen te worden. Indien het afdekglas beschadigd is, dient het gehele armatuur ook vervangen te worden. **WAARSCHUWING: Gevaar voor elektrische schokken.**

Technische wijzigingen voorbehouden! Als u vragen hebt, kunt u contact opnemen met de fabrikant.