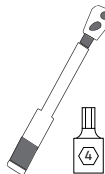
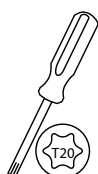
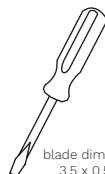
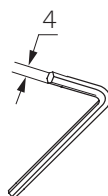
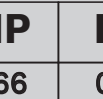
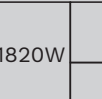
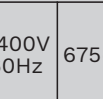
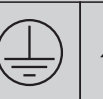


Schröder GEARBLAST

ENG	INSTALLATION INSTRUCTIONS	ITA	ISTRUZIONI DI INSTALLAZIONE	NLD	INSTALLATIE INSTRUCTIES	DAN	INSTALLATIONSVEJLEDNING	HUN	TELEPÍTÉSI ÚTMUTATÓ
DEU	INSTALLATIONSANLEITUNG	POL	INSTRUKCJE MONTAŻU	RUS	Инструкции по установке	RON	INSTRUCȚIUNI DE INSTALARE	CHI	安装说明
FRA	INSTRUCTIONS DE MONTAGE	SPA	INSTRUCCIONES DE INSTALACIÓN	POR	INSTRUÇÕES DE INSTALAÇÃO	SWE	INSTALLATIONSANVISNING	UKR	Інструкції з монтажу
SRP	UPUTSTVA ZA INSTALACIJU	AR	تعليمات التركيب						

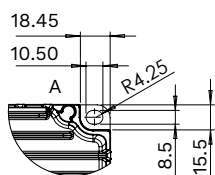
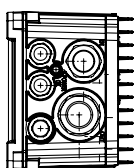
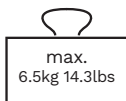
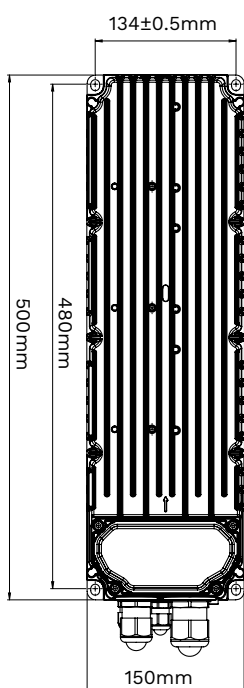
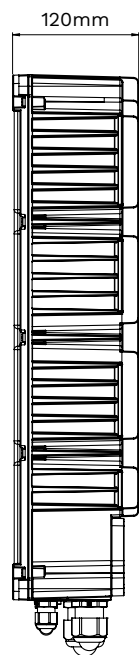


blade dimensions
3.5 x 0.5 mm

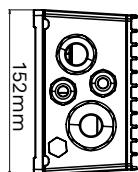
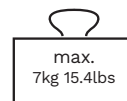
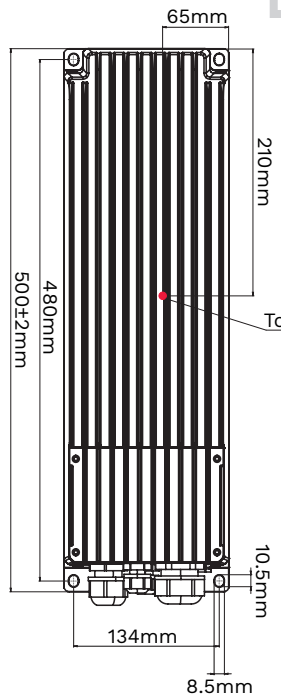
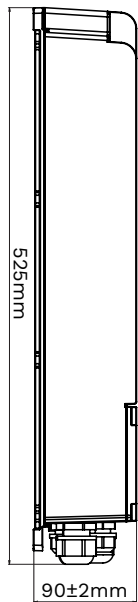
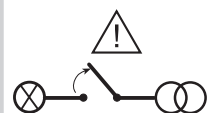
19,23,30,34,36,42

A - GEARBLAST OVERVIEW

SCHRÉDER DRIVER



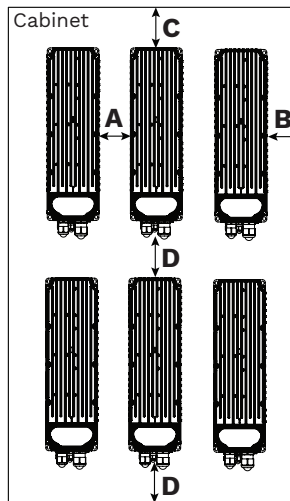
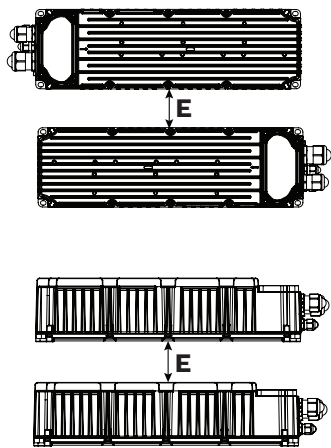
INVENTRONICS DRIVER



Additional SPD must be installed on the mains input of the driver. For further details, see section E



B - DRIVER POSITIONING

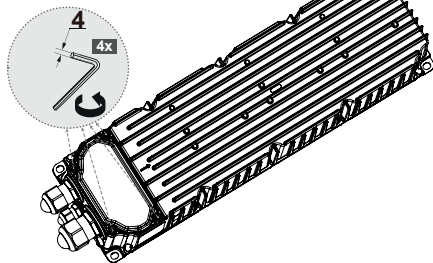


- A: $\geq 70\text{mm}$
- B: $\geq 140\text{mm}$
- C: $\geq 180\text{mm}$
- D: $\geq 200\text{mm}$
- E: $\geq 100\text{mm}$

These distances are intended only as a reference (Tc & Ta must be considered!)

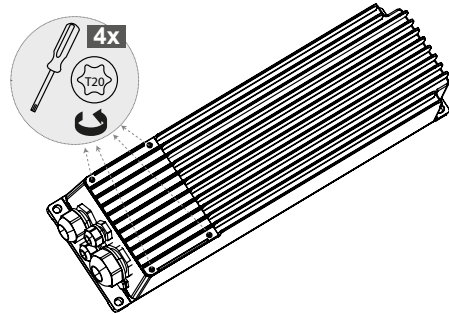
C - ELECTRICAL CONNECTION

1a REMOVE SCREWS



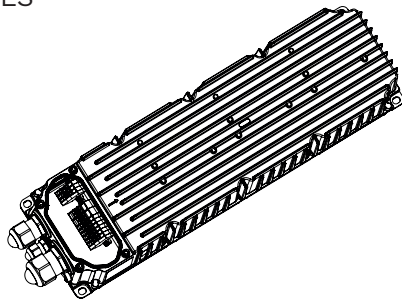
SCHREDER DRIVER

1b

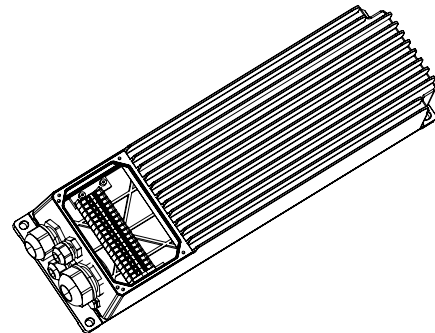


INVENTRONICS DRIVER

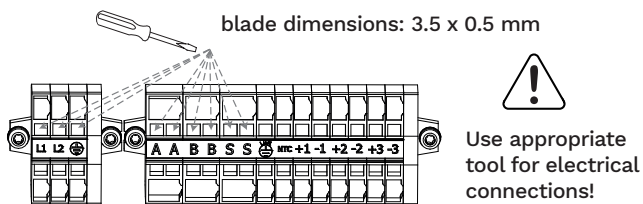
2a CONNECT AC, CONTROL, LED MODULE WIRES



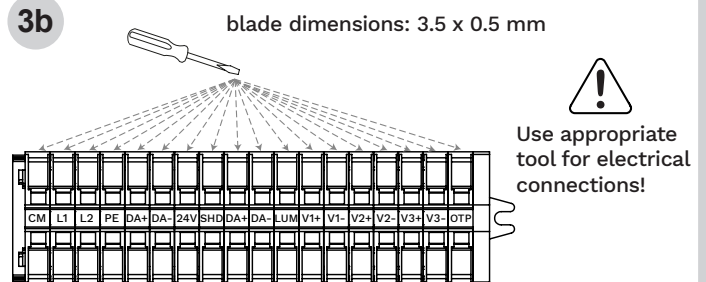
2b



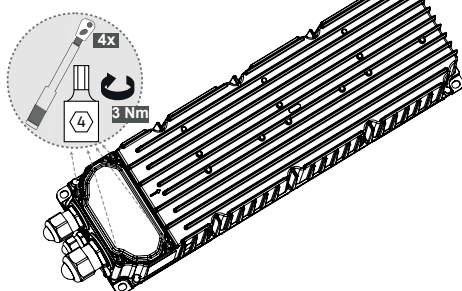
3a MAKE THE ELECTRICAL CONNECTION



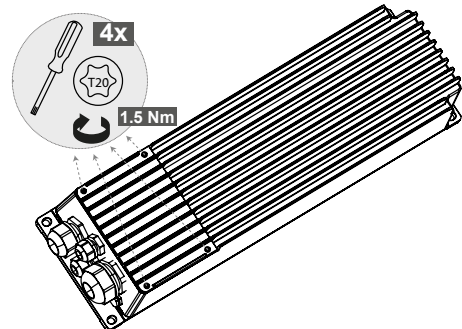
3b



4a TIGHTEN THE DRIVER COVER

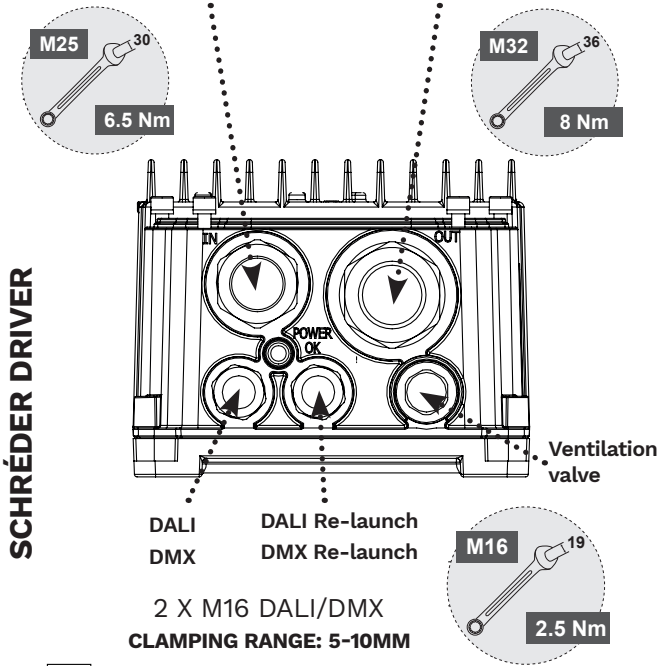


4b



CABLE GLAND DIAGRAMS

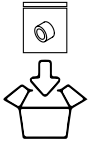
M25 - AC INPUT **CLAMPING RANGE: 10-17MM*** M32 - DC OUTPUT **CLAMPING RANGE: 13-21MM****



SCHRÉDER DRIVER

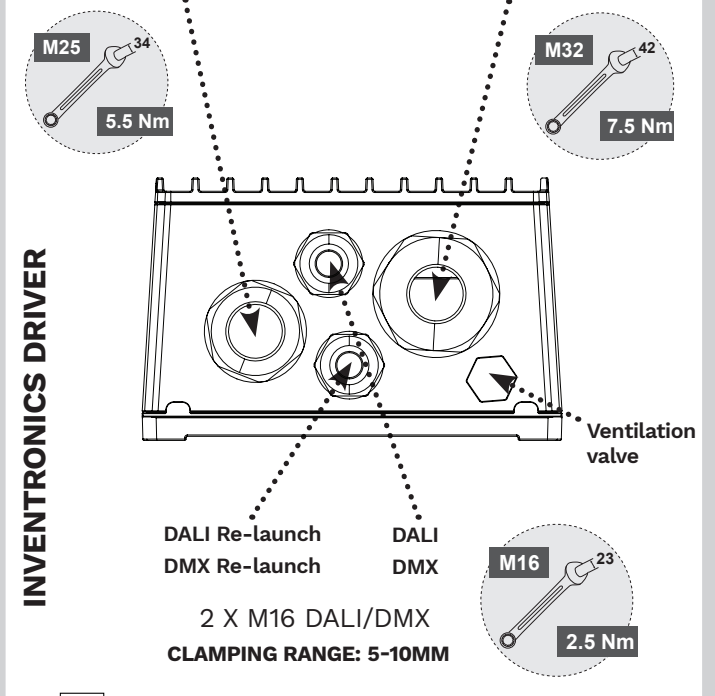
DALI Re-launch
DMX Re-launch

2 X M16 DALI/DMX
CLAMPING RANGE: 5-10MM



In case of using smaller outer diameter cable, please replace the cable gland's internal gasket with the one attached in the packaging.
*M25 modified clamping range: 7-13 mm
**M32 modified clamping range: 8-14 mm

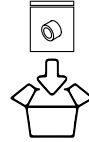
M25 - AC INPUT **CLAMPING RANGE: 13-18MM*** M32 - DC OUTPUT **CLAMPING RANGE: (13)15-21MM****



INVENTRONICS DRIVER

DALI Re-launch
DMX Re-launch

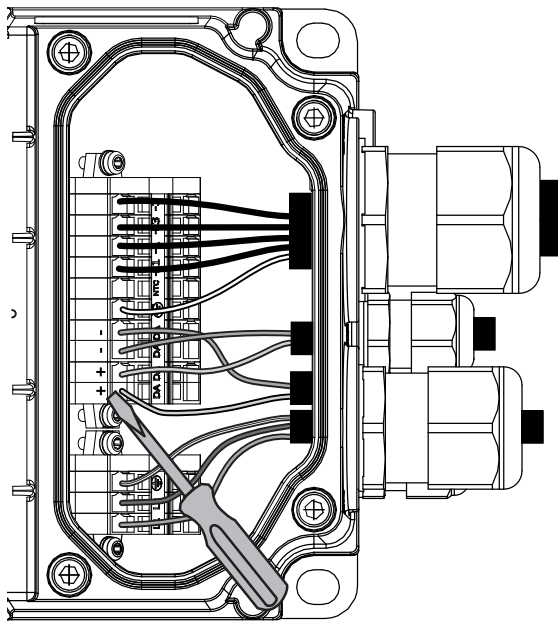
2 X M16 DALI/DMX
CLAMPING RANGE: 5-10MM



In case of using smaller outer diameter cable, please replace the cable gland's internal gasket with the one attached in the packaging.
*M25 modified clamping range: 7-13 mm
**M32 modified clamping range: 8-13 mm

DALI CONTROL

SCHRÉDER DRIVER

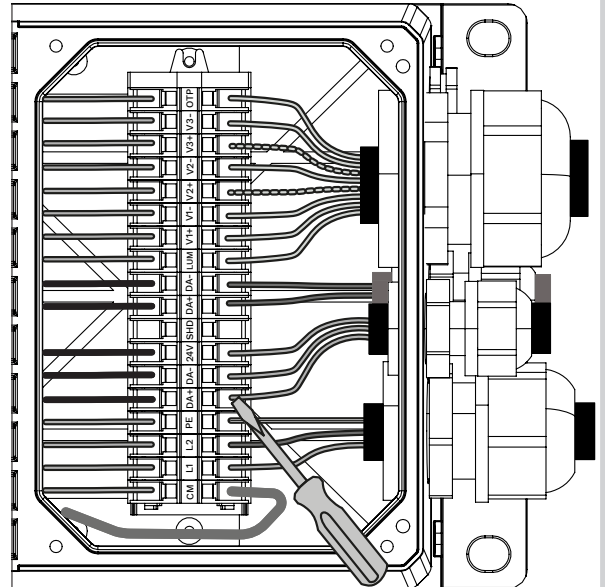


Connector ID	Cable ID
	Protective Earth
L1	Line1/Line
L2	Line2/Neutral
DA+	DALI+
DA-	DALI-

*+2/-2 available in case of 3 channels

Connector ID	Cable ID
	Protective Earth
+1	LED1+ connection
-1	LED1- connection
+2	LED2+ connection*
-2	LED2- connection*
+3	LED3+ connection
-3	LED3- connection

INVENTRONICS DRIVER



Connector ID	Cable ID
CM	Surge protection
L1	Line1/Line
L2	Line2/Neutral
PE	Protective Earth
DA+	DALI input+
DA-	DALI input-
24V	24V aux. source
DA+	DALI re-launch input+
DA-	DALI re-launch input-

Connector ID	Cable ID
LUM	Protection Earth for LED module
V1+	LED1+ connection
V1-	LED1- connection
V2+	LED2+ connection**
V2-	LED2- connection
V3+	LED3+ connection**
V3-	LED3- connection
OTP	Thermal protection input

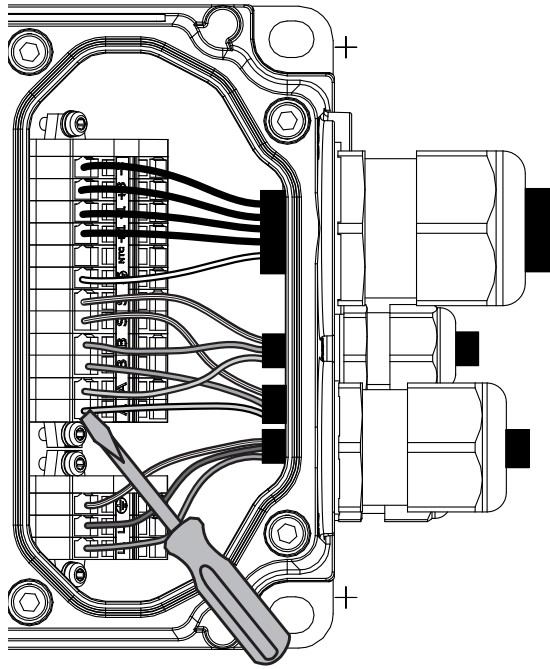
**Support common anode output connection



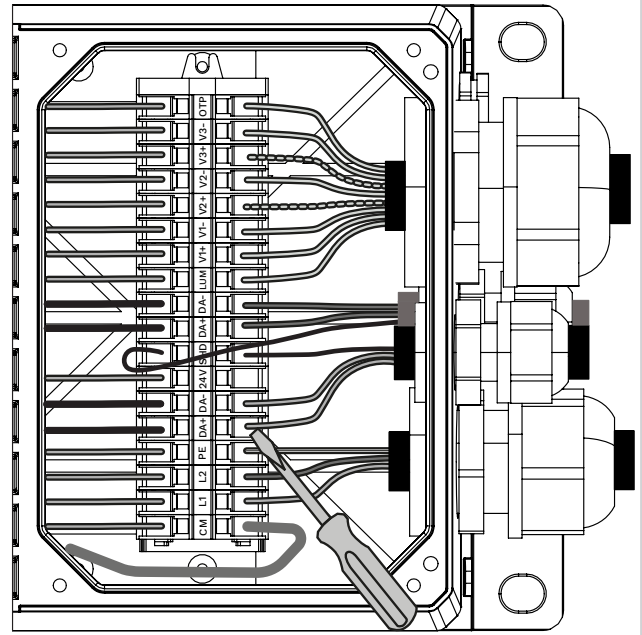
RESPECT THE POLARITY OF THE DALI LINES WHEN USED WITH A CONTROL SYSTEM!



SCHRÉDER DRIVER



INVENTRONICS DRIVER



Connector ID	Cable ID	Connector ID	Cable ID
	Protective Earth		Protective Earth
L1	Line1/Line	+1	LED1+ connection
L2	Line2/Neutral	-1	LED1- connection
A	Data+	+2	LED2+ connection*
B	Data-	-2	LED2- connection*
S	Shield	+3	LED3+ connection
		-3	LED3- connection

*+2/-2 available in case of 3 channels

Connector ID	Cable ID	Connector ID	Cable ID
CM	Surge protection	LUM	Protection Earth for LED module
L1	Line1/Line	V1+	LED1+ connection
L2	Line2/Neutral	V1-	LED1- connection
PE	Protective Earth	V2+	LED2+ connection**
DA+	DMX input+	V2-	LED2- connection
DA-	DMX input-	V3+	LED3+ connection**
24V	24V aux. source	V3-	LED3- connection
SHD	Shield	OTP	Thermal protection input
DA+	DMX re-launch input+		
DA-	DMX re-launch input-		

**Support common anode output connection



DAI & DMX fuction cannot be used at the same time!

D - INRUSH CURRENT DATA AND LUMAIRES PER CIRCUIT BREAKER

The maximum number of LED drivers connectable to a single MCB is reported in the following table for each nominal input voltage. Due to the different kinds of circuit breakers available on the market, this table is just for reference.

1200 W

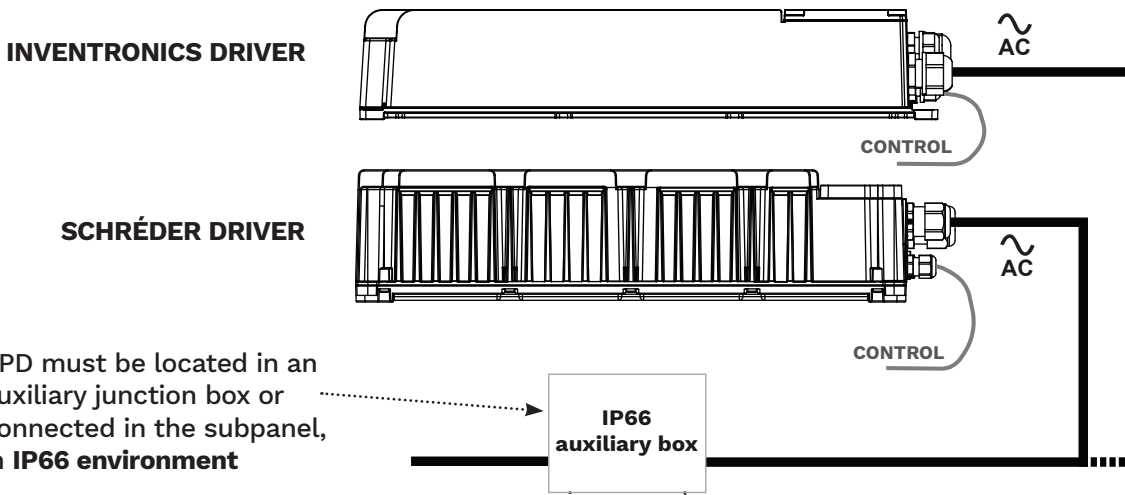
Nominal [V _{AC}]	V _{IN}	Inrush Current Data		# Drivers For Each Circuit Breaker														
				Type B					Type C					Type D				
				10A	16A	20A	25A	32A	10A	16A	20A	25A	32A	10A	16A	20A	25A	32A
220/240	26	6400	1	2	2	3	4	1	2	2	3	4	1	2	2	3	4	
400	14	4700	2	3	4	5	6	2	3	4	5	6	2	3	4	5	6	

1800 W

Nominal [V _{AC}]	V _{IN}	Inrush Current Data		# Drivers For Each Circuit Breaker														
				Type B					Type C					Type D				
				10A	16A	20A	25A	32A	10A	16A	20A	25A	32A	10A	16A	20A	25A	32A
220/240	26	6800	1	1	2	2	3	1	1	2	2	3	1	1	2	2	3	
400	20	1500	1	2	2	3	4	1	2	2	3	4	1	2	2	3	4	

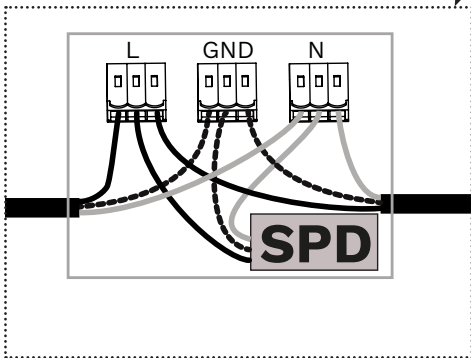
E - ADDITIONAL SPD INSTALLATION

⚠ One SPD by luminaire must be installed to assure an efficient protection. ⚠



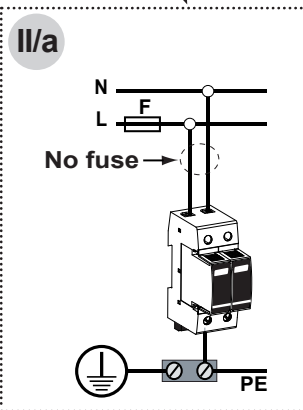
I. For 230V AC use

Recommended SPD type:
Littlefuse LSP05G(I)277P

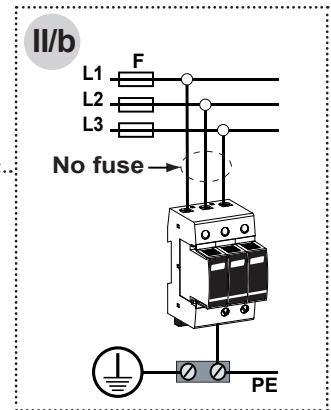


II. For 400V AC use

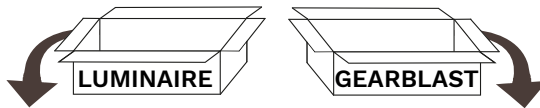
Recommended SPD types:
CITEL DACF15S-20-440
CITEL DACF15S-30-440



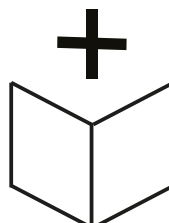
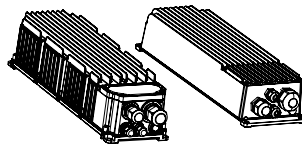
CITEL DACF15S-20-440



CITEL DACF15S-30-440



ECOBLAST 3-4-5-6
OMNIBLAST GEN2 1-2-3



PLEASE CHECK THE RELATED LUMINAIRE INSTALLATION SHEET FOR MORE INFORMATION!

<p>ENG</p>	<p>SAFETY INSTRUCTIONS</p> <p>Always switch off the power prior to installation, maintenance or repair activities.</p> <p>In case of PVC insulated mains cable, the installer MUST ensure that the WHOLE cable is protected against climatic conditions, especially UV rays and rain, by making sure that the cable is contained inside the luminaire and pole</p>	<p>ISTRUZIONI DI SICUREZZA</p> <p>Staccare sempre il filo della corrente prima di iniziare operazioni di installazione, manutenzione o riparazione.</p> <p>In caso di cavo di alimentazione isolato in PVC, l'installatore DEVE garantire che il cavo INTERO sia protetto dalle condizioni climatiche, in particolare dai raggi UV e dalla pioggia, assicurandosi che il cavo sia contenuto all'interno del corpo illuminante e del palo</p>	<p>VEILIGHEIDSIINSTRUCTIES</p> <p>Schakel altijd de stroom uit voordat u aan installatie, onderhoud of reparaties begint.</p> <p>In het geval van PVC-geïsoleerde voedingskabels MOET de installateur ervoor zorgen dat de GEHELE kabel wordt beschermd tegen klimaatomstandigheden, met name UV-stralen en regen, door ervoor te zorgen dat de kabel zich in het armatuur en de paal bevindt</p>	<p>SIKKERHEDSINSTRUKTIONER</p> <p>Sluk altid for strømmen inden påbegyndelse af installation, vedligeholdelse eller reparation.</p> <p>I tilfælde af PVC-isoleret ledning SKAL elektrikerens sikre, at HELE kablet er beskyttet mod klimatiske forhold, dette gælder især UV-stråler og regn. Elektrikerens skal derfor sørge for, at kablet forbliver inde i armaturet og masten.</p>
<p>DEU</p>	<p>SICHERHEITSHINWEISE</p> <p>Schalten Sie die Stromversorgung vor Installation-, Wartungs- und Reparaturarbeiten stets ab.</p> <p>Bei Verwendung eines PVC-isolierten Netzkabels MUSS der Installateur sicherstellen, dass das GESAMTE Kabel vor klimatischen Bedingungen -insbesondere vor UV-Strahlen und Regen- geschützt ist, indem sichergestellt wird, dass das Kabel in der Leuchte und dem Mast verschlossen ist</p>	<p>INSTRUKCJA BEZPIECZEŃSTWA</p> <p>Przed rozpoczęciem instalacji, konserwacji lub naprawy należy bezwzględnie odłączyć zasilanie elektryczne.</p> <p>W przypadku kabla sieciowego izolowanego PCV instalator MUSI upewnić się, że kabel CAŁY jest chroniony przed warunkami klimatycznymi, w szczególności przed promieniowaniem UV i deszczem, upewniając się, że kabel znajduje się wewnątrz oprawy i szupa.</p>	<p>инструкция безопасности</p> <p>Перед проведением установки, сервисного обслуживания или ремонта всегда отключайте питание устройства.</p> <p>В случае кабеля питания с ПВХ изоляцией, монтажник ДОЛЖЕН обеспечить защиту ВСЕГО кабеля от воздействия климатических условий, особенно от ультрафиолетовых лучей и дождя, убедившись, что кабель находится внутри светильника и опоры.</p>	<p>INSTRUCȚIUNI DE EXPLOATARE</p> <p>Opriți întotdeauna alimentarea electrică înainte de lucrările de instalare, întreținere sau reparații.</p> <p>În cazul cablului de alimentare cu izolație din PVC, instalatorul TREBUIE să se asigure că TOT cablul este protejat împotriva condițiilor climatice, mai ales împotriva razelor UV și a ploii, asigurându-se că acest cablu este plasat în interiorul aparatului de iluminat și al stălpului</p>
<p>FRA</p>	<p>INSTRUCTIONS DE SECURITE</p> <p>Mettez toujours l'appareil hors tension avant toute opération d'installation, d'entretien ou de réparation.</p> <p>Dans le cas d'un câble secteur isolé en PVC, l'installateur DOIT s'assurer que le câble ENTIER est protégé contre les conditions climatiques, en particulier les rayons UV et la pluie, en s'assurant que le câble est contenu à l'intérieur du luminaire et du poteau</p>	<p>INSTRUCCIONES DE SEGURIDAD</p> <p>Apague siempre el interruptor de alimentación antes de realizar tareas de instalación, mantenimiento o reparación.</p> <p>En el caso de un cable aislado de PVC, el instalador DEBE asegurarse de que todo el cable esté protegido contra las condiciones climáticas, especialmente los rayos UV y la lluvia, asegurándose de que el cable esté dentro de la luminaria y el poste</p>	<p>INSTRUÇÕES DE SEGURANÇA</p> <p>Desligue sempre a alimentação antes de proceder a actividades de instalação, manutenção ou reparação.</p> <p>No caso de cabo de alimentação com isolamento em PVC, o instalador DEVE assegurar que TODO o cabo é protegido das condições climáticas, especialmente raios UV e chuva, certificando-se que o cabo está contido dentro da luminária e da coluna.</p>	<p>SÄKERHETSINSTRUKTIONER</p> <p>Stäng alltid av strömmen före installation, underhåll eller reparation.</p> <p>Vid PVC-isolerad kabel måste installatören se till att hela kablén är skyddad mot klimatförhållanden, särskilt UV-strålar och regn, genom att se till att kablén monteras inuti armaturen och stolpen</p>
<p>HUN</p>	<p>BIZTONSÁGI ÚTMUTATÓ</p> <p>A szerelés, karbantartás és javítás előtt minden esetben végezzen áramtalanítást.</p> <p>PVC szigetelésű tápkábel esetén a telepítőnek biztosítania KELL, hogy a TELJES kábel védett legyen az éghajlati viszonyoktól, különösen az UV sugárzástól és az esőtől, ügyelve arra, hogy a kábel a lámpatest és az oszlop belsejében legyen.</p>	<p>安全守则</p> <p>在安装、维护和维修灯具之前必须先切断电源。</p> <p>如果选择PVC主电缆，必须确保整个电缆有很好的保护以抵御恶劣气候状况，尤其是紫外线和雨水，而且要确保电缆被灯具和灯杆完全覆盖。</p>	<p>інструкція безпеки</p> <p>Завжди вимикайте живлення перед встановленням, доглядом або ремонтом.</p> <p>У випадку кабелю живлення із ПВХ ізоляцією, монтажник ПОВИНЕН забезпечити захист ВСЬОГО кабелю від впливу кліматичних умов, особливо від ультрафіолетових променів та дощу, переконавшись, що кабель знаходиться всередині світильника та опори</p>	<p>UPUTSTVA</p> <p>Uvek isključite napajanje pre instalacije, održavanja ili popravke.</p> <p>U slučaju napojnog kabla sa PVC izolacijom, izvođač MORA obezbediti zaštitu CELOG kabla od klimatskih uslova, posebno UV zračenja i kiše, tako što će osigurati da se kabal nalazi unutar svetiljke i stuba.</p>
<p>AR</p>	<p>تعليمات السلامة:</p> <p>دائمًا أفضل الدائرة الكهربائية قبل تركيب أو صيانة الجهاز.</p> <p>يجب على الشخص الذي يوصل الجهاز بالدائرة الكهربائية التأكد من أن محمي من التأثيرات المناخية وخاصة الأشعة فوق البنفسجية والمطر من خلال التأكد أن الكابيل محمي بداخل العمود والجهاز.</p> <p>في حالة الحاجة لتغير الإمداد الداخلي، يتم ذلك من خلال الشركة المصنعة أو الوكيل المخول لعمل ذلك أو شخص مخول لذلك.</p> <p>دائمًا أفضل الدائرة الكهربائية قبل تركيب أو صيانة الجهاز.</p>			

