

OptiVision LED Driver box EVP511 IP20

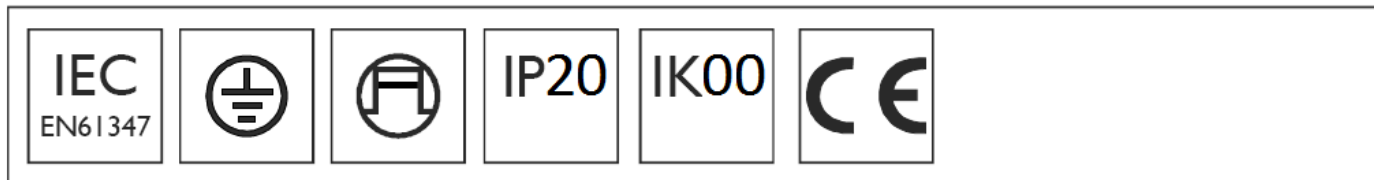
Mounting instruction

Instructions de montage
Montageanleitung
Montage instructie
Istruzioni di montaggio

Instrucciones de montaje
Instruções de montagem
Monteringsinstruktioner
Monteringsvejledning

Kokoonpano- ja kiinnitysohjeet
Montaj yönergesi
Οδηγίες συναρμολόγησης
Instrukcja montażu

Szerelési utasítások
Návod k montáži
Монтажная инструкция



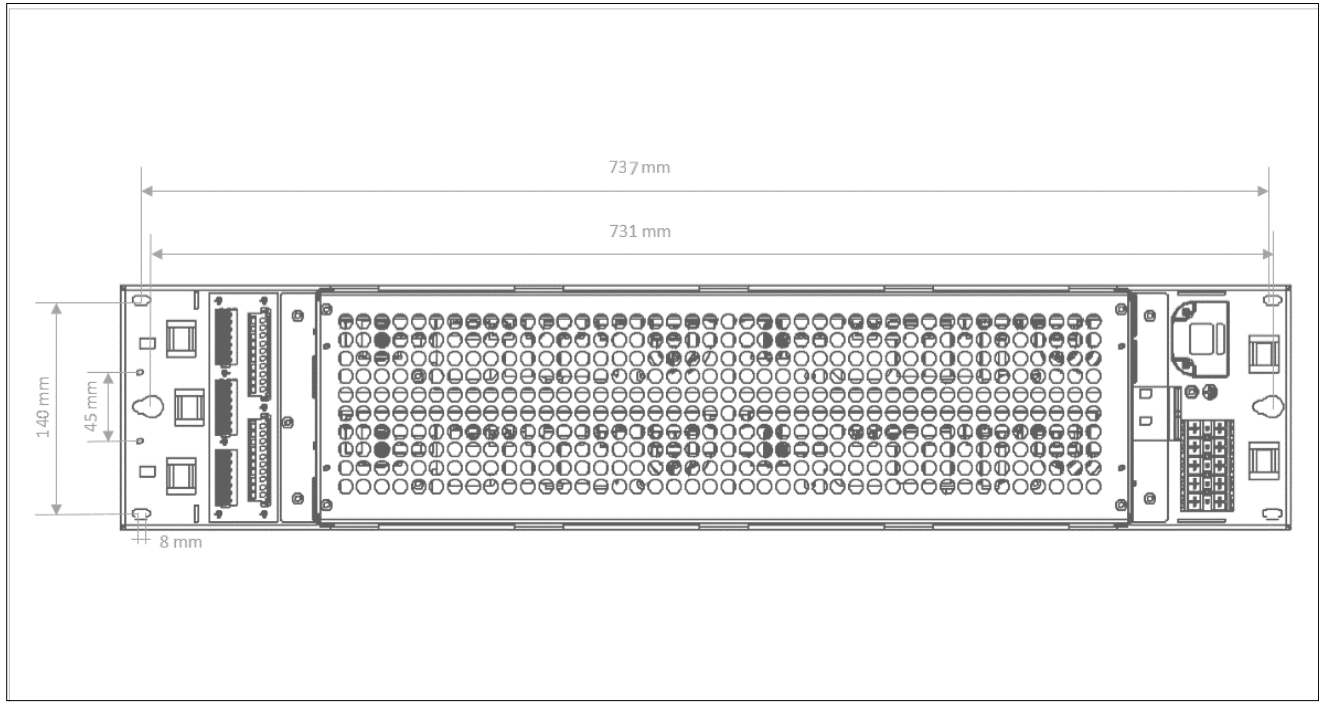
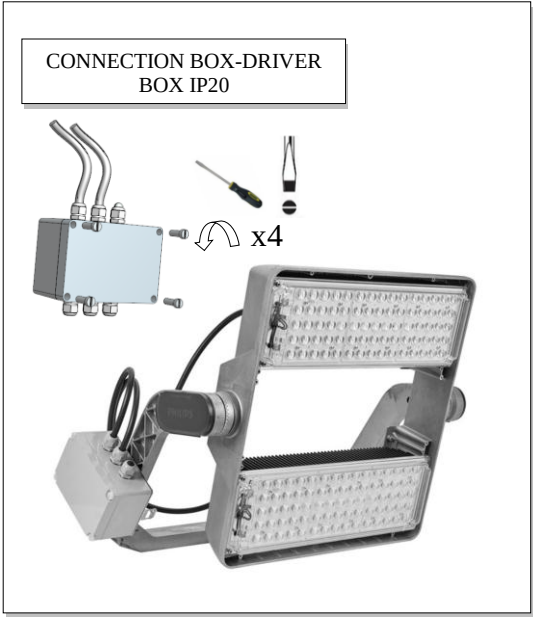
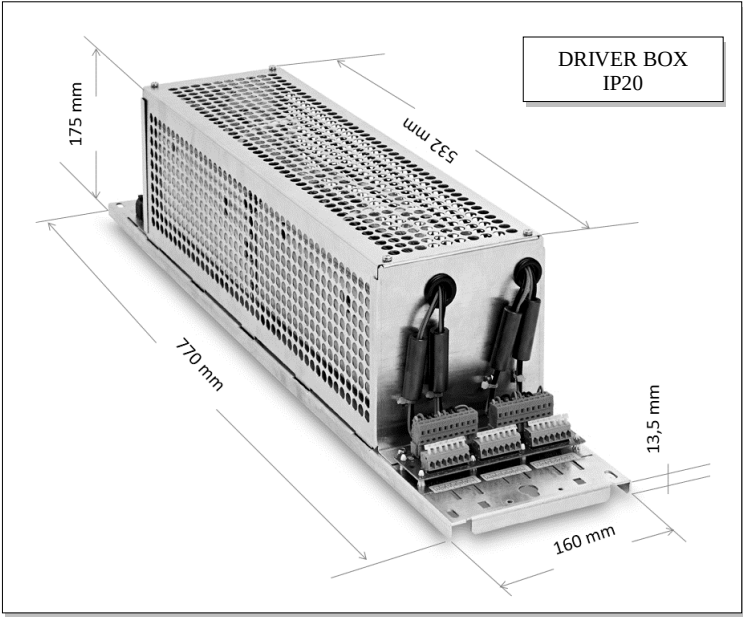
	LIFE		LUMEN	W	I _{nom} [A]		LxWxH [mm]	max. Ta	max. Ta	Ta min.
EVP511	50000h	81K/740	81000	1014	4,5(*)	5,4	770x160x175	Not for Outdoor use	45°C(**)	-30°C
EVP511	50000h	79K/740	79000	954	4,2(*)					
EVP511	50000h	71K/740	71000	836	3,7(*)					
EVP511	50000h	58K/740	58000	607	2,7(*)					
EVP511	50000h	62K/740	62000	683	3,0(*)					
EVP511	50000h	41K/740	41000	374	1,7(*)					
EVP511	50000h	93K/757	93000	1012	4,4(*)					
EVP511	50000h	90K/757	90000	954	4,2(*)					
EVP511	50000h	82K/757	82000	841	3,7(*)					
EVP511	50000h	67K/757	67000	607	2,7(*)					
EVP511	50000h	72K/757	72000	688	3,0(*)					
EVP511	50000h	47K/757	47000	374	1,7(*)					
EVP511	50000h	81K/740	81000	1014	4,5(*)					
EVP511	50000h	79K/740	79000	954	4,2(*)					
EVP511	50000h	69K/740	69000	798	3,5(*)					
EVP511	50000h	57K/740	57000	601	2,7(*)					
EVP511	50000h	52K/740	52000	529	2,3(*)					
EVP511	50000h	93K/757	93000	1012	4,4(*)					
EVP511	50000h	90K/757	90000	954	4,2(*)					
EVP511	50000h	80K/757	80000	803	3,5(*)					
EVP511	50000h	65K/757	65000	601	2,7(*)					
EVP511	50000h	59K/757	59000	529	2,3(*)					
EVP511	50000h	65K/740	65000	721	3,2(*)					
EVP511	50000h	63K/740	63000	676	3,0(*)					
EVP511	50000h	75K/757	75000	726	3,2(*)					
EVP511	50000h	72K/757	72000	681	3,0(*)					

IP-20 driver box should be mounted inside a dry and dust free cabinet or room to avoid early failures of electronic components and to maintain the life-time claimed. Also for electrical safety reasons.

(**)	.- Please, the assembly and the temperatures should be in accordance with the guideline for integration of driver box IP20 shown in the pg.8 .- Maximum heat dissipation 100W. .- According to the maximum heat dissipation by the installer a thermal study has to be done for a cabinet installation .
(*)	.- Measured current for 230V mains.

347-480V 50-60hZ	110-277V 50-60hZ	INRUSH CURRENT 30 A/Kw at 200µs	Disconnect before servicing Mettre hors tension avant intervention Öffnen nur spannungsfrei Demonteren voor onderhoud	Togliere tensione prima di fare manutenzione Desconectar antes de manipular Bryt strömmen före lampbyte
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DIMENSION: 770x160x175 mm
WEIGHT : 5,4 Kg



**FOR OTHER LENGTHS,
PLEASE CONFIRM WITH
APPLICATION ENGINEERS**

Distance to driver	Solid or stranded	Indication CENELEC	Outer insulation	Wire insulation	Number of wires	Shielded
<= 30 m	Solid	H03VVU 7G1.5 CE	PVC	PVC	7	No
	Stranded	H03VVH 7G1.5 CE	PVC	PVC	7	No
<= 100m	Solid	H03VVUC 7G1.5 CE	PVC	PVC	7	Yes
	Stranded	H03VVHC 7G1.5 CE	PVC	PVC	7	Yes
<200m	Solid	H03VVUC 7G2.5 CE	PVC	PVC	7	Yes
	Stranded	H03VVHC 7G2.5 CE	PVC	PVC	7	Yes

cable tie to fix the cables

2 cables not provided

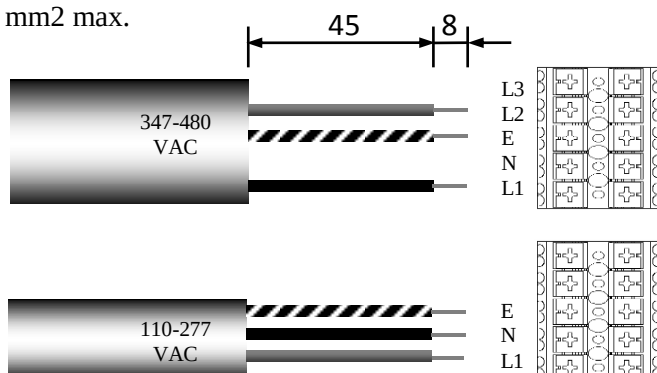
Ø 10-14 mm

1

POWER LINE

Ø10-14 mm

4 mm² max.



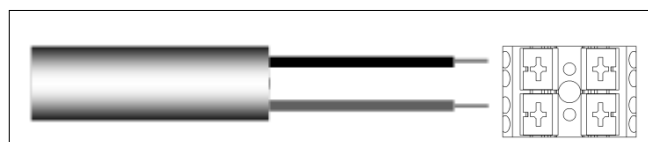
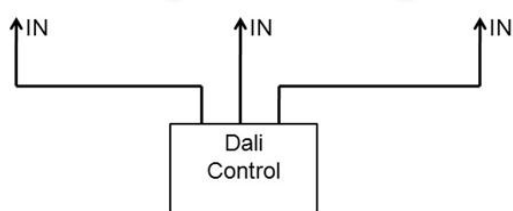
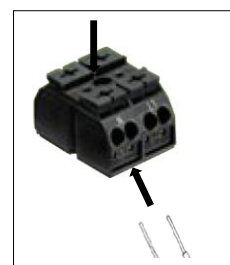
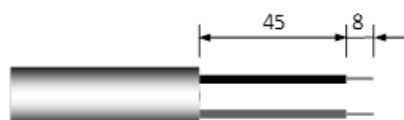
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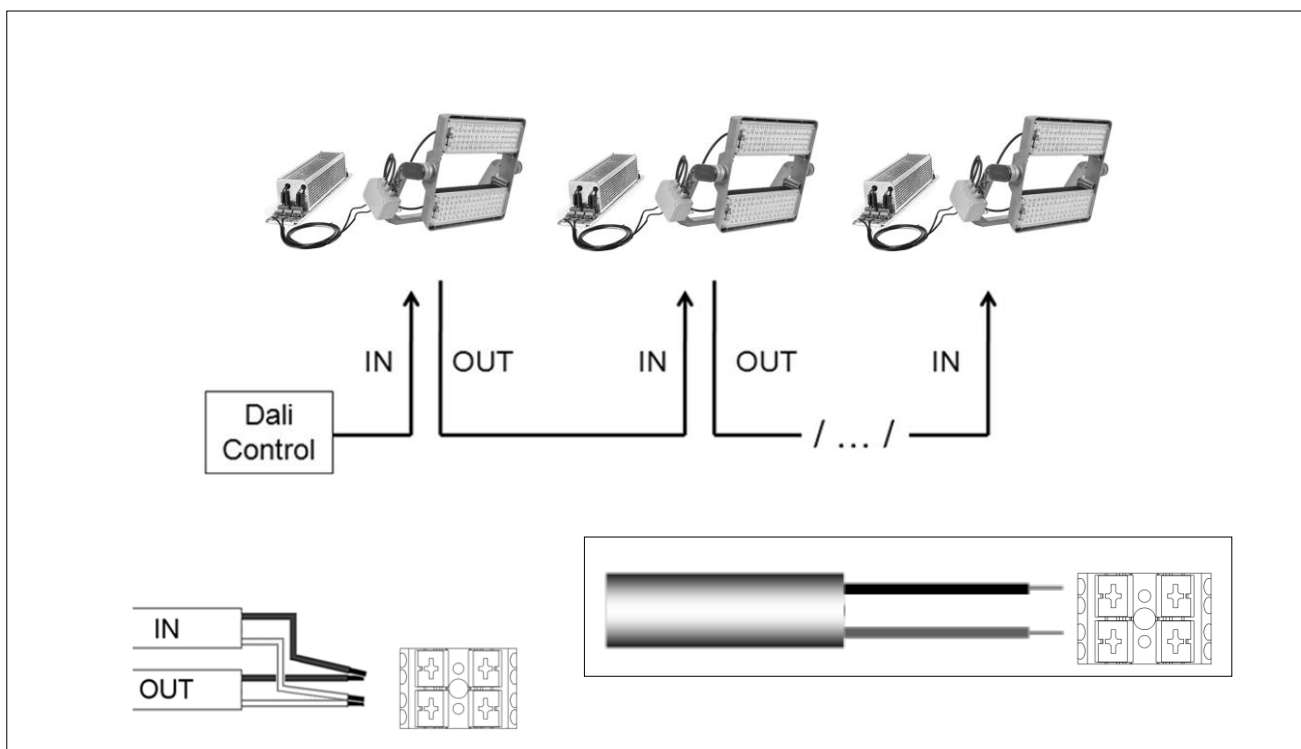
CONTROL LINE

Ø4-9 mm

2-4 mm²

DALI





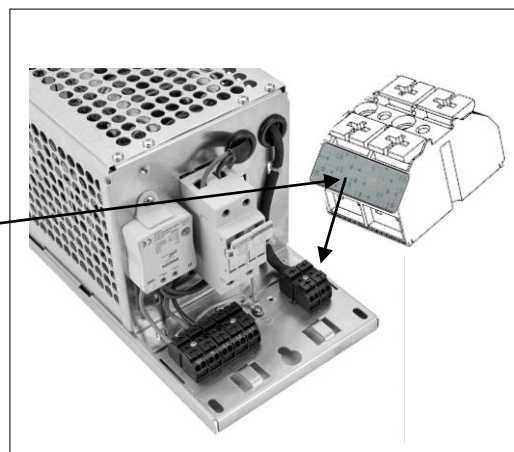
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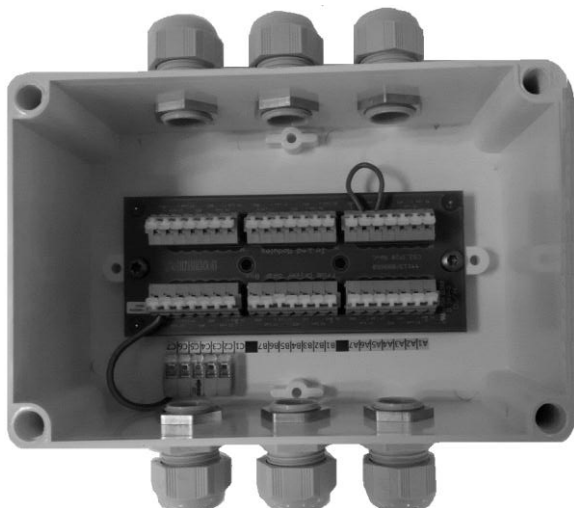
BASIC VERSION Controls disabled



WARRANTY VOID IF REMOVED

The system can be made upgradable by the qualified and authorized Philips technical only!

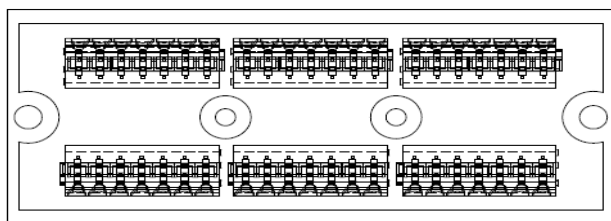




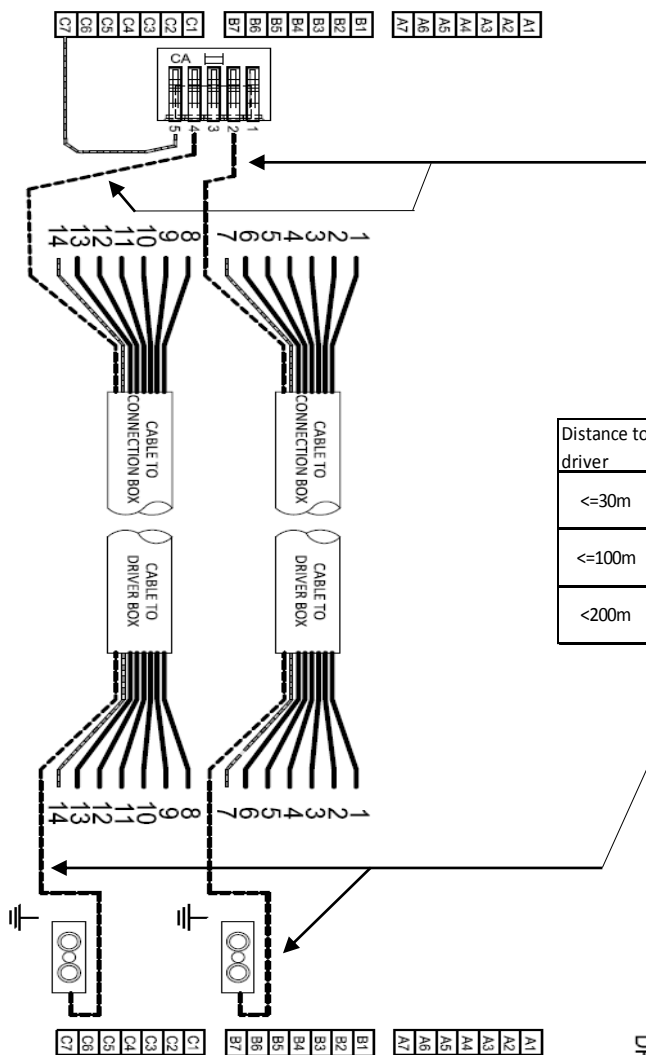
WIRING

B1	TO	B1	C1	TO	C1
B2	TO	B2	C2	TO	C2
B3	TO	B3	C3	TO	C3
B4	TO	B4	C4	TO	C4
B5	TO	B5	C5	TO	C5
B6	TO	B6	C6	TO	C6
B7	TO	CA1	C7	TO	CA3

TO LUMINAIRE CONNECTION



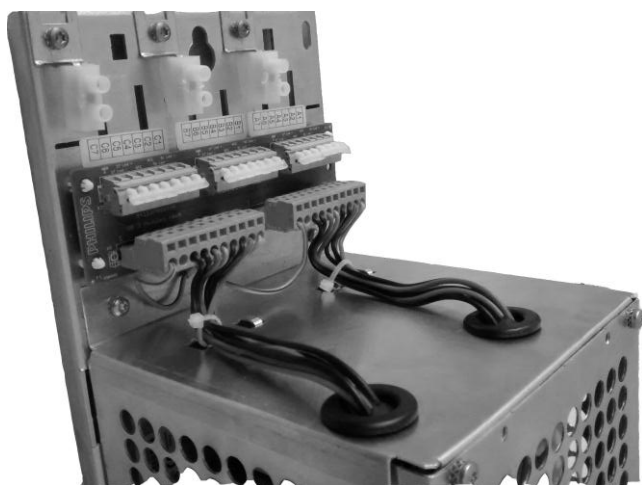
CONNECTION BOX



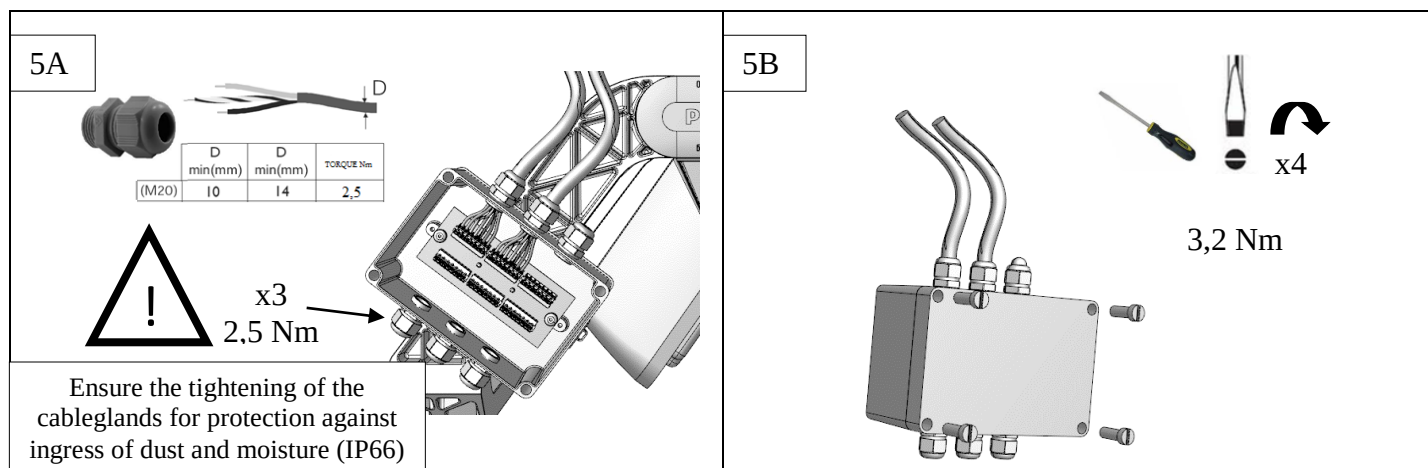
DRIVER BOX IP20 CONNECTION

Distance to driver	Shielded
<=30m	No
<=100m	No
<=100m	Yes
<200m	Yes

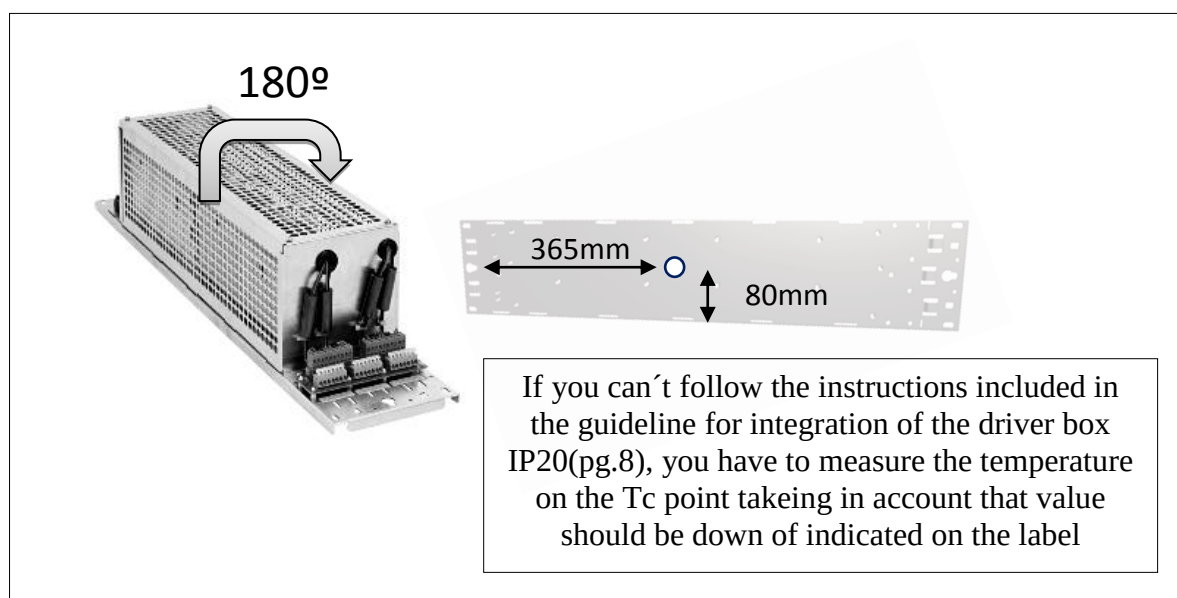
CABLES INSTALLER



5



6

Tc POINT

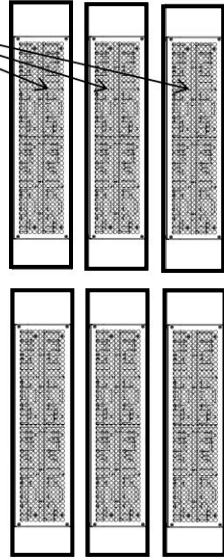
GUIDELINE FOR INTEGRATION OF DRIVER BOX IP20

7A ORIENTATION

Drivers Boxes

Cabinet

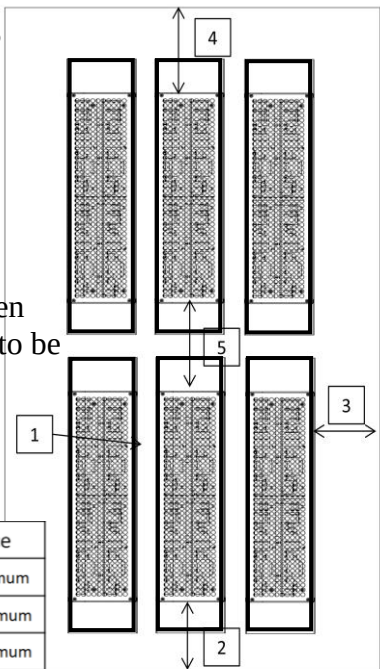
Each driver box in the cabinet has to be in **vertical position**



7B DISTANCES

The distances between drivers or wall have to be higher than:

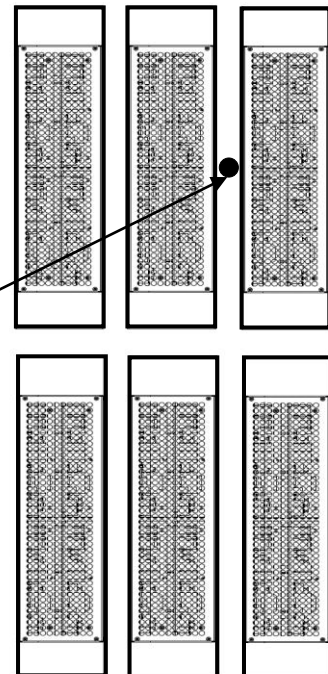
Item			Distance
1	2	3	50mm minimum
	4		150mm minimum
	5		200mm minimum



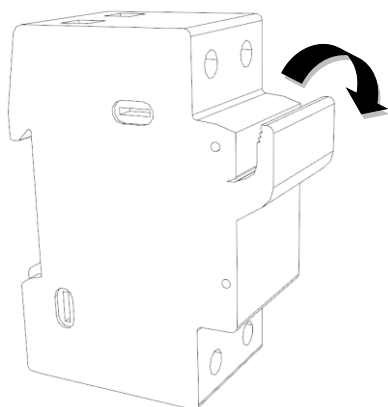
7C TEMPERATURES

MAXIMUM Relative Humidity:
95% -> Storage & Transport
90% -> Operating (no condensation allowed)

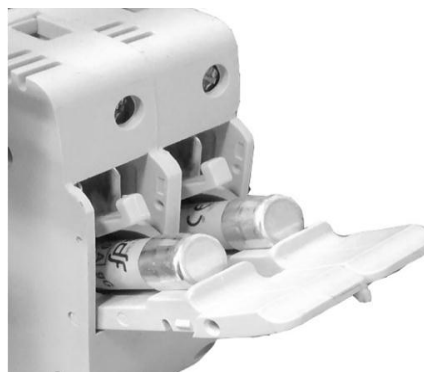
To insert a temperature sensor for ambient temperature measurement of cabinet.
The sensor has to be between 2 drivers.
The ambient temperature inside the cabinet has to be lower than **45°C**.
Recommendation: to use for the cabinet a painting with high reflectance for solar protection.



8A



8B



8C



8D



10X38
10 A
500V ~ gG
I_n=120KA

8E

