

OptiVision LED Driver box EVP521 IP20

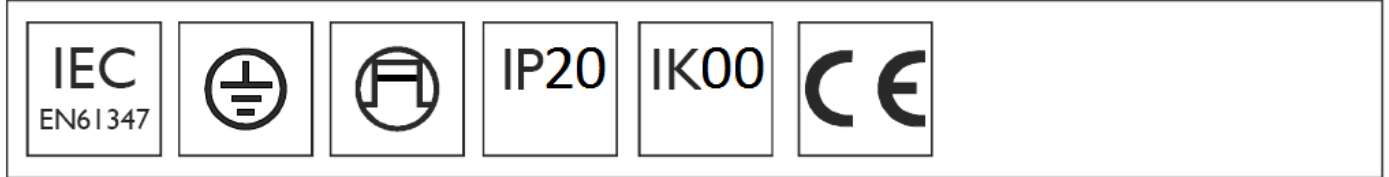
Mounting instruction

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



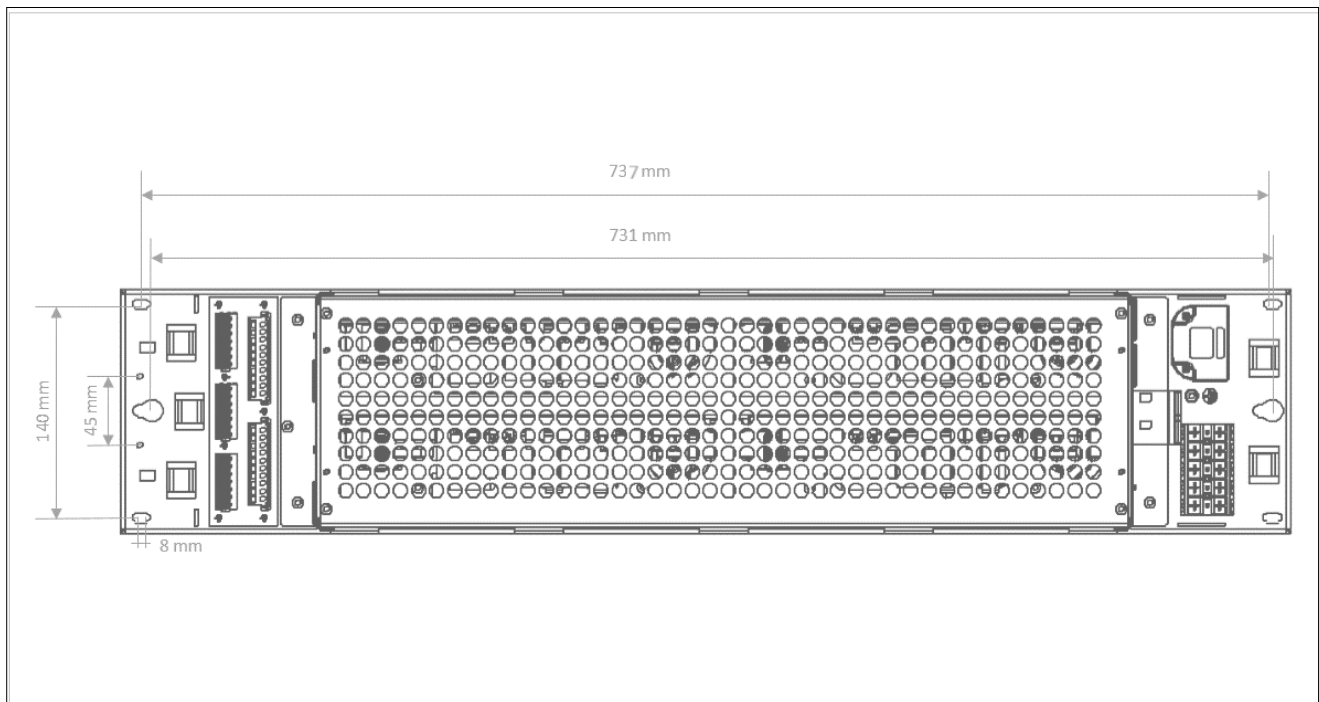
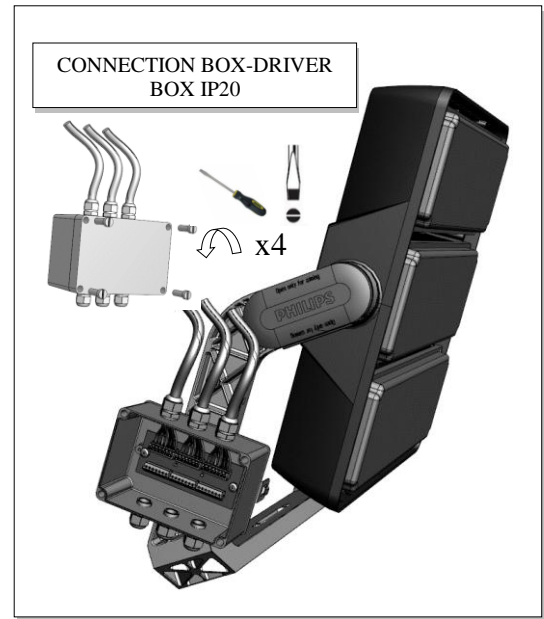
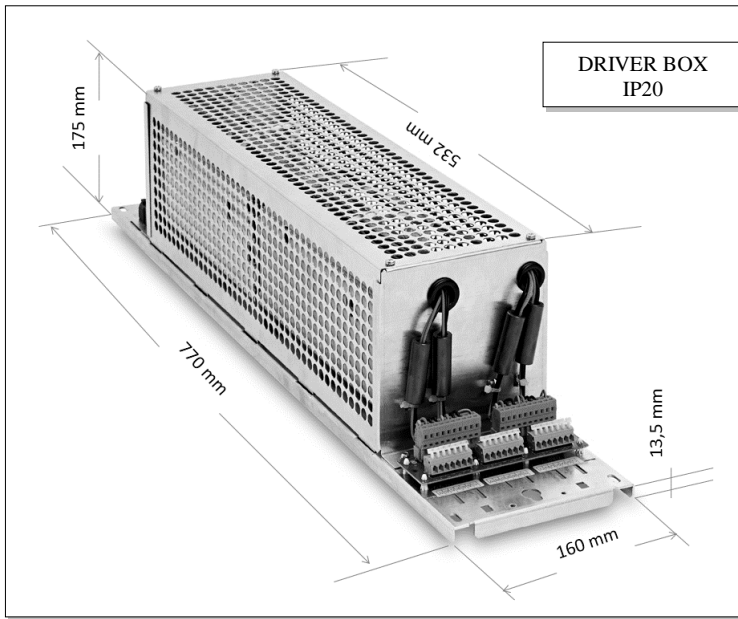
	LIFE		LUMEN	W	Inom [A]		LxWxH [mm]			
EVP521	50000h	128K/757	128000	1376	6,0(*)	6,5	770x160x175	Not for Outdoor use	45°C(**)	-30°C
EVP521	50000h	124K/757	124000	1298	5,7(*)					
EVP521	50000h	113K/757	113000	1144	5,0(*)					
EVP521	50000h	112K/740	112000	1379	6,0(*)					
EVP521	50000h	110K/757	110000	1091	4,8(*)					
EVP521	50000h	108K/740	108000	1298	5,7(*)					
EVP521	50000h	102K/757	102000	987	4,3(*)					
EVP521	50000h	98K/740	98000	1136	5,0(*)					
EVP521	50000h	98K/757	98000	936	4,1(*)					
EVP521	50000h	98K/757	98000	926	4,1(*)					
EVP521	50000h	95K/740	95000	1084	4,8(*)					
EVP521	50000h	92K/757	92000	825	3,6(*)					
EVP521	50000h	90K/757	90000	817	3,6(*)					
EVP521	50000h	89K/740	89000	981	4,3(*)					
EVP521	50000h	85K/740	85000	929	4,1(*)					
EVP521	50000h	85K/740	85000	920	4,0(*)					
EVP521	50000h	81K/757	81000	720	3,2(*)					
EVP521	50000h	80K/740	80000	825	3,6(*)					
EVP521	50000h	78K/740	78000	817	3,6(*)					
EVP521	50000h	71K/740	71000	720	3,2(*)					
EVP521	50000h	65K/757	65000	508	2,2(*)					
EVP521	50000h	56K/740	56000	508	2,2(*)					

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.

(**)	<ul style="list-style-type: none"> - 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	<p>Disconnect before servicing Mettre hors tension avant intervention Offnen nur spannungsfrei Demonteren voor onderhoud</p>	<p>Togliere tensione prima di fare manutenzione Desconectar antes de manipular Bryt strömmen före lampbyte</p>
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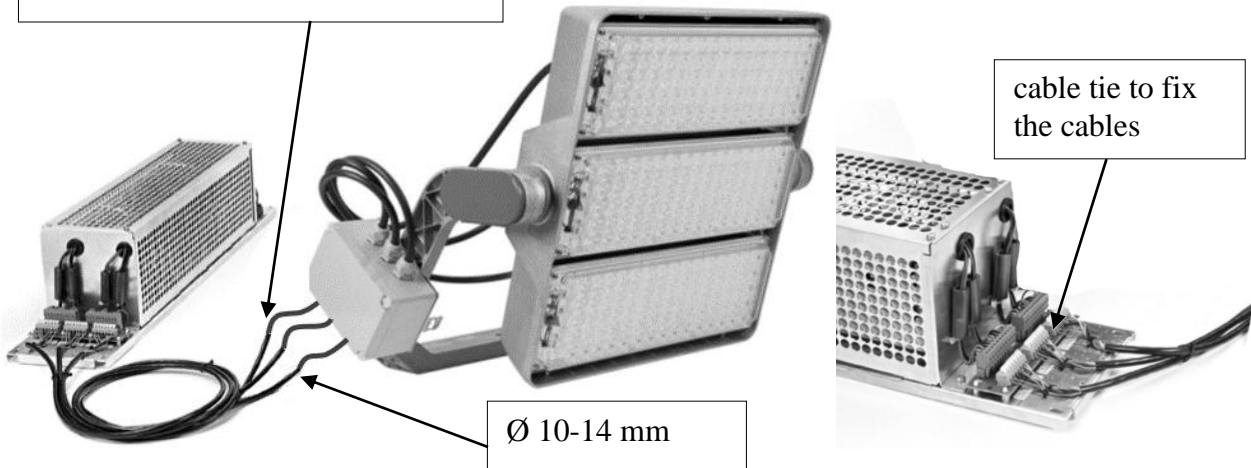
DIMENSION: 770x160x175 mm
WEIGHT : 6,5 Kg



**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

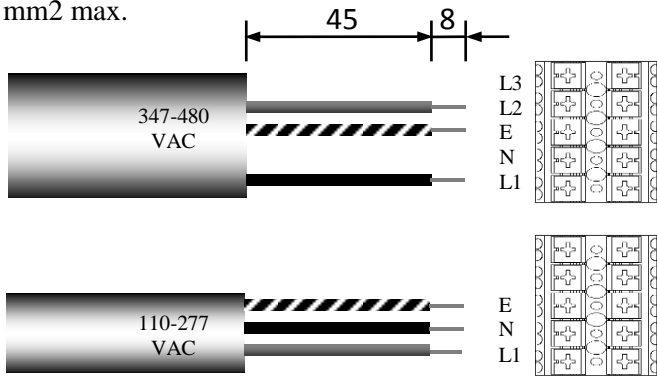
3 cables not provided



1

POWER LINE

Ø10-14 mm
4 mm² max.

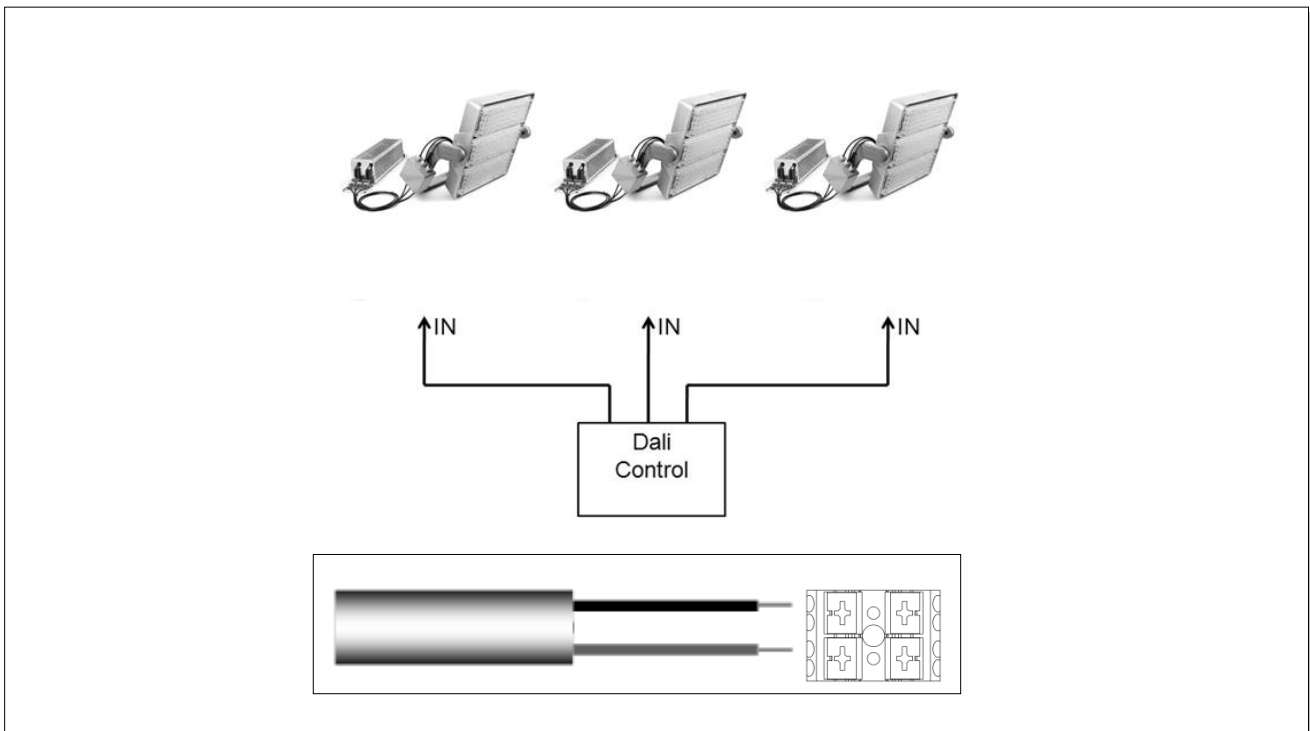
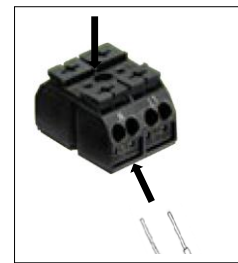
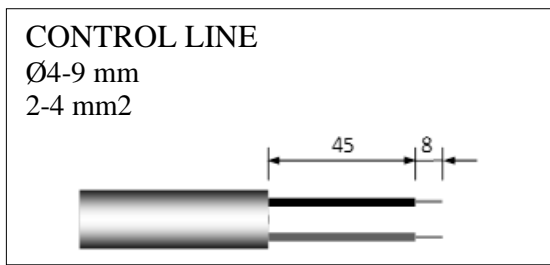


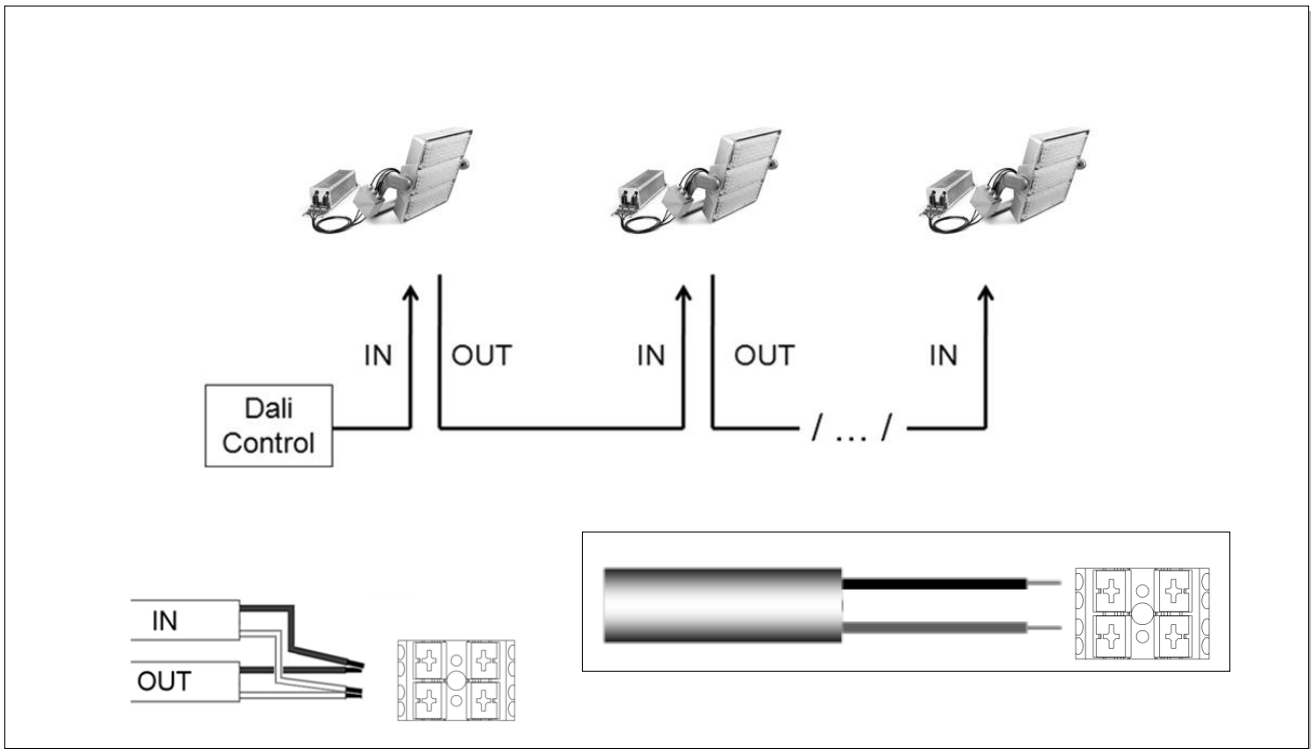
2

CONTROL LINE

Ø4-9 mm
2-4 mm²


DALI





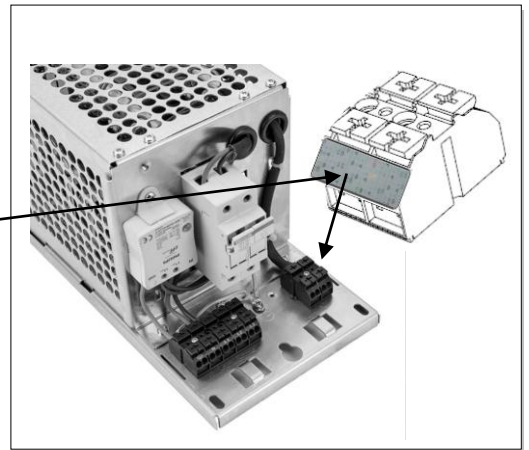
3

BASIC VERSION Controls disabled



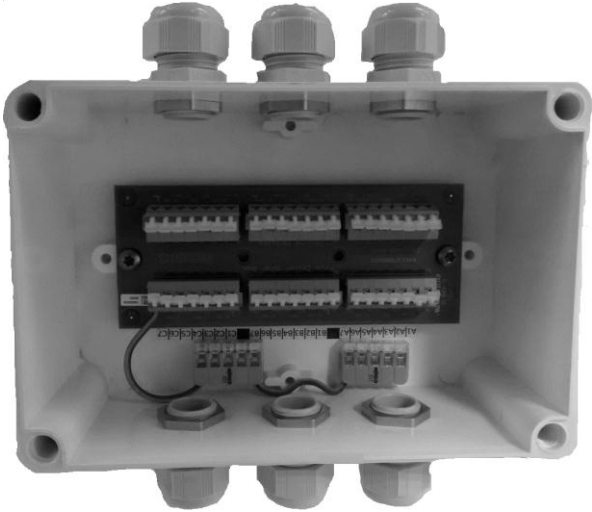
WARRANTY VOID IF REMOVED

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

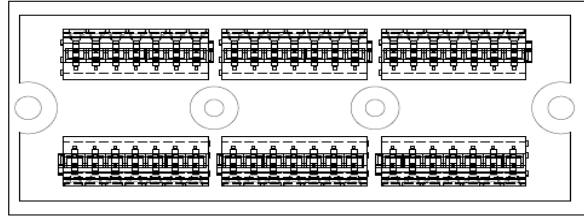


4

WIRING BETWEEN IP20 DRIVER BOX & CONNECTION BOX



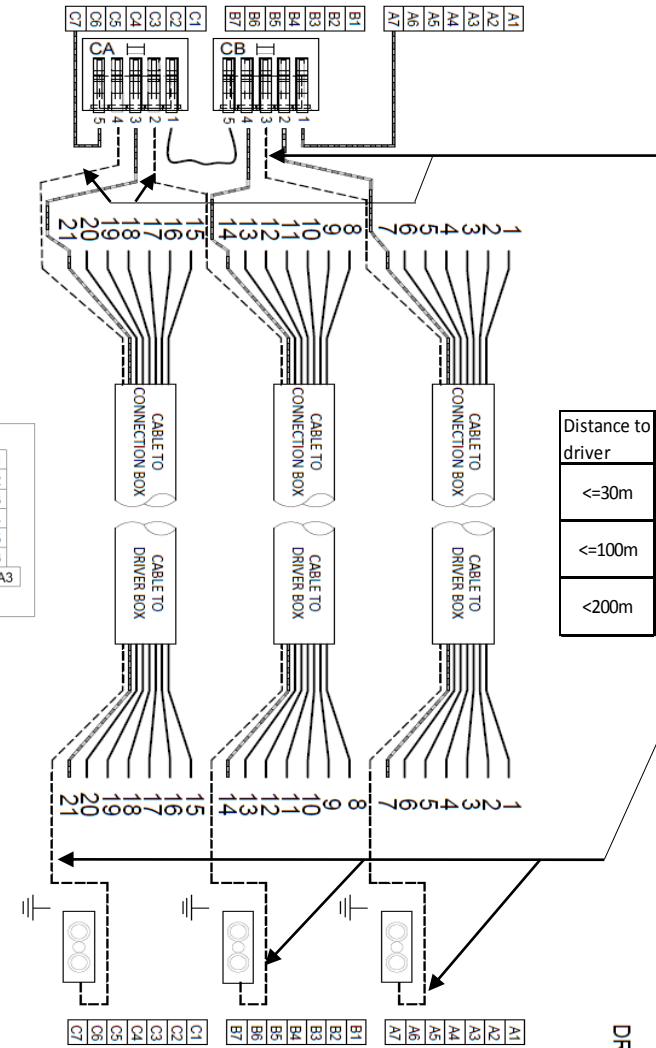
TO LUMINAIRE CONNECTION



CONNECTION BOX

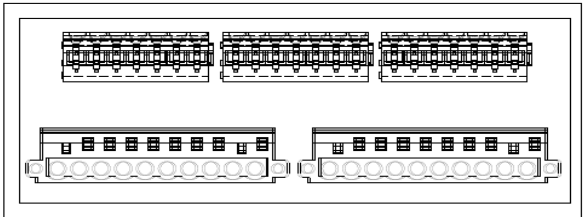
WIRING

A1	TO	A1	B1	C1	TO	C1
A2	TO	A2	B2	C2	TO	C2
A3	TO	A3	B3	C3	TO	C3
A4	TO	A4	B4	C4	TO	C4
A5	TO	A5	B5	C5	TO	C5
A6	TO	A6	B6	C6	TO	C6
A7	TO	CB2	B7	C7	TO	CA3

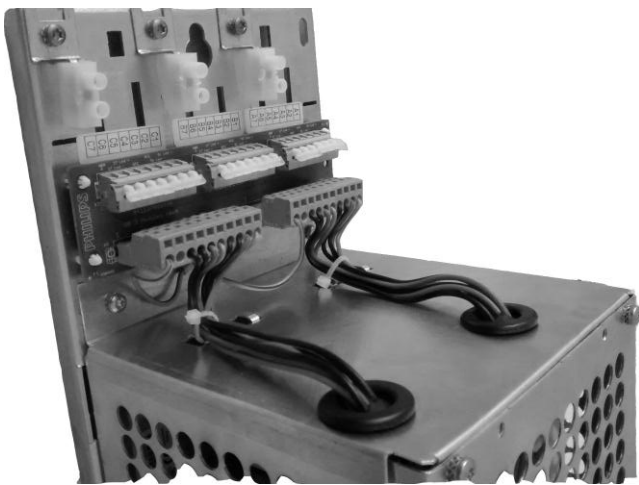


CABLES INSTALLER

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

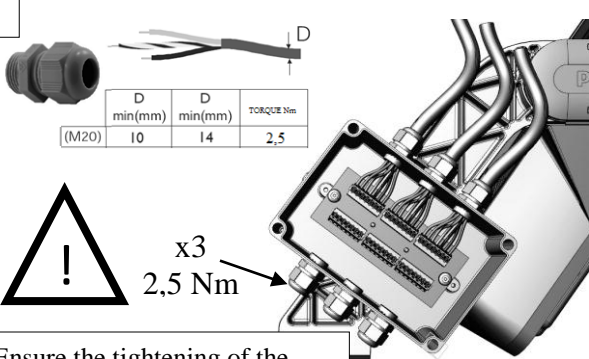


DRIVER BOX IP20 CONNECTION



5

5A

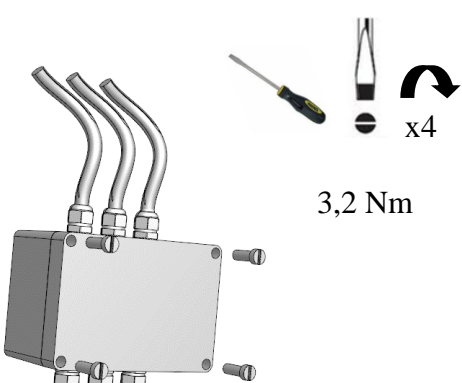


	D min(mm)	D min(mm)	TORQUE Nm
(M20)	10	14	2,5

! x3
2,5 Nm

Ensure the tightening of the cableglands for protection against ingress of dust and moisture (IP66)

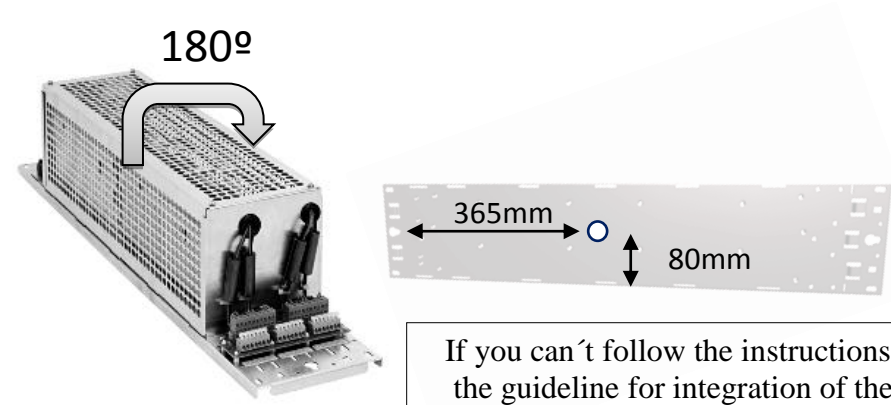
5B



x4
3,2 Nm

6

Tc POINT



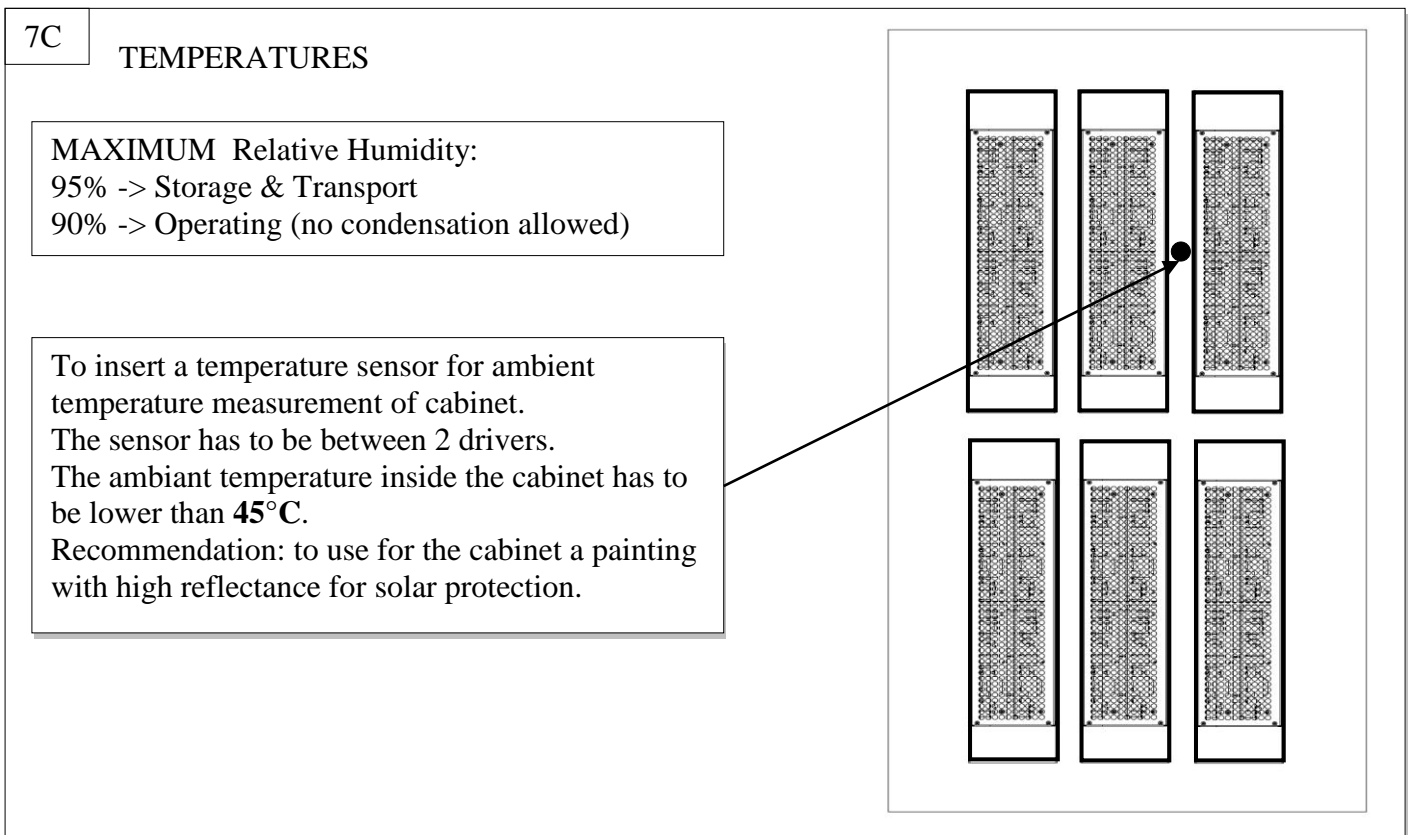
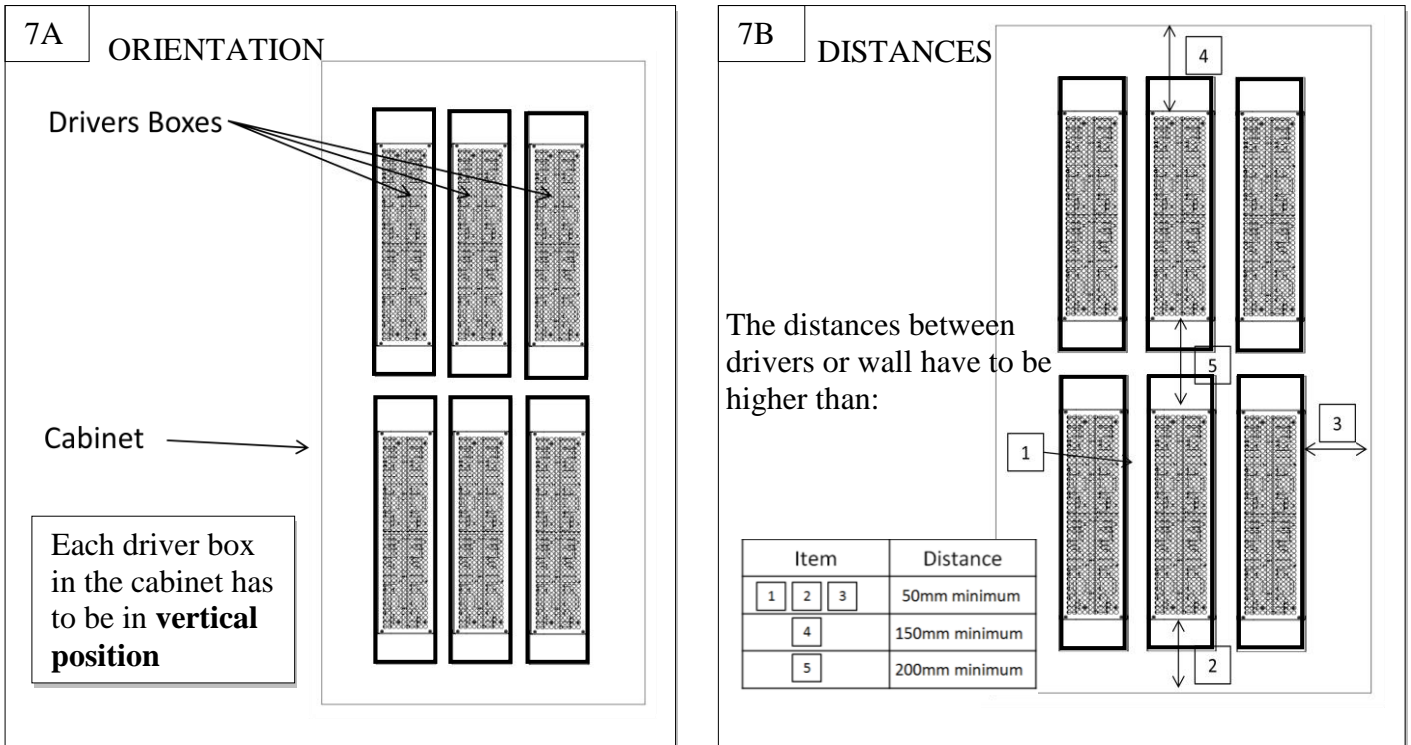
180°

365mm

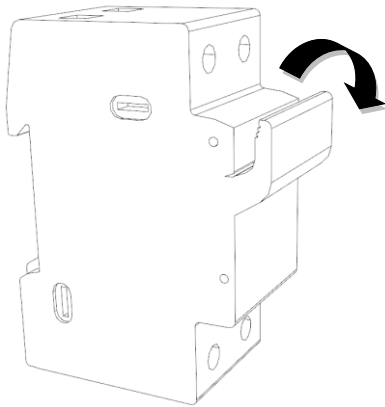
80mm

If you can't follow the instructions included in the guideline for integration of the driver box IP20(pg.8), you have to measure the temperature on the Tc point taking in account that value should be down of indicated on the label

GUIDELINE FOR INTEGRATION OF DRIVER BOX IP20



8A



8B



8C



8D



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

8E

