DRIVENET 28 EZ

USER'S MANUAL rel. 1.0 **GB**

CE

INDEX:

1- SYMBOLS

Graphic symbols used on this manual:

⚠	**THIS SYMBOL INDICATES ELECTRIC SHOCK RISK**
⚠	**THIS SYMBOL INDICATES GENERAL RISK**
🏠	**THIS SYMBOL MEANS "SUITABLE FOR INDOOR USE ONLY"**
t_a 40°C	**THIS SYMBOL INDICATES THE MAXIMUM OPERATING AMBIENT TEMPERATURE**
♻	**THIS SYMBOL INDICATES THE EUROPEAN COMMUNITY DIRECTIVE 2012/19/EU ON WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE)**

2- GENERAL WARNING
Read the instruction contained in this user manual carefully, as they give important information regarding safety during installation, use and maintenance.
The unit is not for household use and must be installed by a qualified electrician or experienced person.
Always disconnect the device from the mains before maintenance.
The device must always be equipped with an efficient ground connection.

3- GENERAL WARRANTY CONDITIONS
The unit is guaranteed for 36 months from the date of purchase against manufacturing material defects.

4- TECHNICAL FEATURES

Product code: 03.LA.228   DRIVENET 28 EZ

Input voltage/frequency range
Full-range 100-240Vac 50-60 Hz

Power Factor
PF > 0.94

Output channels
8 (4 channels x 2 groups)

Output current
700mA max per channel (Default 500mA)

Output voltage
48Vdc

Max Power
280W
The maximum output load connectable @ 100-130Vac should not exceed 200W.

Max projectors distance
100 m (for FOS 100 and HELIOS R the maximum distance must be 50 m)

Output connections
8-pole screw terminals connectors (pitch 3,81 mm)

Mains connections
PowerCON IN male panel connector

DMX/RDM connections
XLR 5-pole In/Out panel connectors

DALI connections
2-pole In/Out screw terminals panel connector

Control
DMX 512/RDM and DALI protocol
4-digit 7-segment LED display + 4 soft keys
Internal operating system updatable via DTS Dongle Firmware Uploader

Safety devices
Overvoltage circuit protection

Protection rating
IP20

Operating temperature
-10° / 40°C

Weight
2 Kg

DIMENSIONS
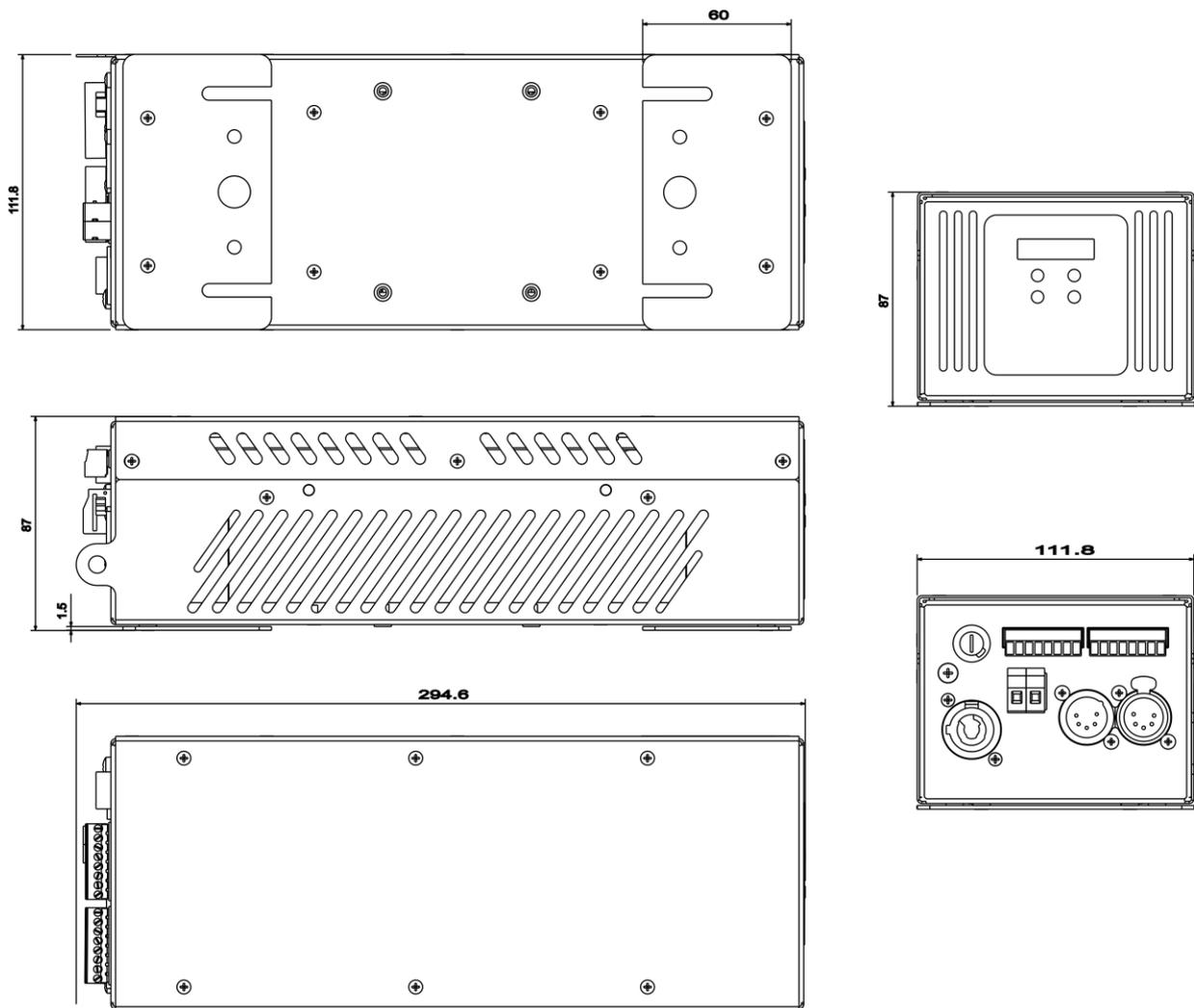
5- ACCESSORIES

As standard

2 x bracket for wall or truss mounting (already mounted on the unit) (single bracket code 02M029206.49)
1 x User's Manual

Optional (on request)

● "C" Clamp G50 (Max. Load 10 Kg) (Code 0521A012)
● Safety cable 3 mm x 60 cm, max capacity load 60 Kg (Code 0521A010)
● DTS Dongle Firmware Uploader (Code 03.LA.206)

6- IMPORTANT SAFETY INFORMATION

6.1 Fire prevention:

Replace any blown or damaged fuses only with those of identical value: T 5A 250V.

6.2 Prevention from electric shock:

High voltage is present inside the unit. Disconnect power before servicing.
This equipment must be grounded, do not connect to non-grounded supplies.
The use of a thermal magnetic circuit breaker is recommended for each DRIVENET 28 EZ unit.
Operate the unit only with proper AC voltage. Use only AC supplies 100-240V 50-60 Hz.
Never connect or disconnect LED units when the power supply is turned on.
Do not expose the unit to moisture or high humidity.
A good air ventilation is essential for proper equipment work.

6.3 Safety:

The unit is not for household use and must be installed by a qualified electrician or experienced person.
Never install the unit in an enclosed area lacking sufficient air flow.

The ambient temperature should not exeed 40°C. t_a 40°C

6.4 Level of protection against the penetration of solid and liquid objects:

-The unit is classified as an ordinary appliance and its protection level against the penetration of solid and liquid objects is IP20.

Suitable for indoor use only.

6.5 Waste Electrical and Electronic equipment (WEEE) directive:

The unit, accessories and packaging should be sorted for environmetal-friendly recycling.
For EC countries: according to the European Directive 2012/19/EU for Waste Electrical and Electronic Equipment and its implementation into national right, luminaires that are no longer usable must be collected separately and disposed of in an environmentally correct manner.

7- INSTALLATION

The unit is suitable for dry locations only.
DRIVENET 28 EZ can be installed on a wall or on a truss thanks to the 2 mounting
brackets included (single bracket code 02M029206.49).
For wall mounting installation brackets can be mounted on short sides or long sides of
the unit.

Wall mounting with 2 brackets on short sides:
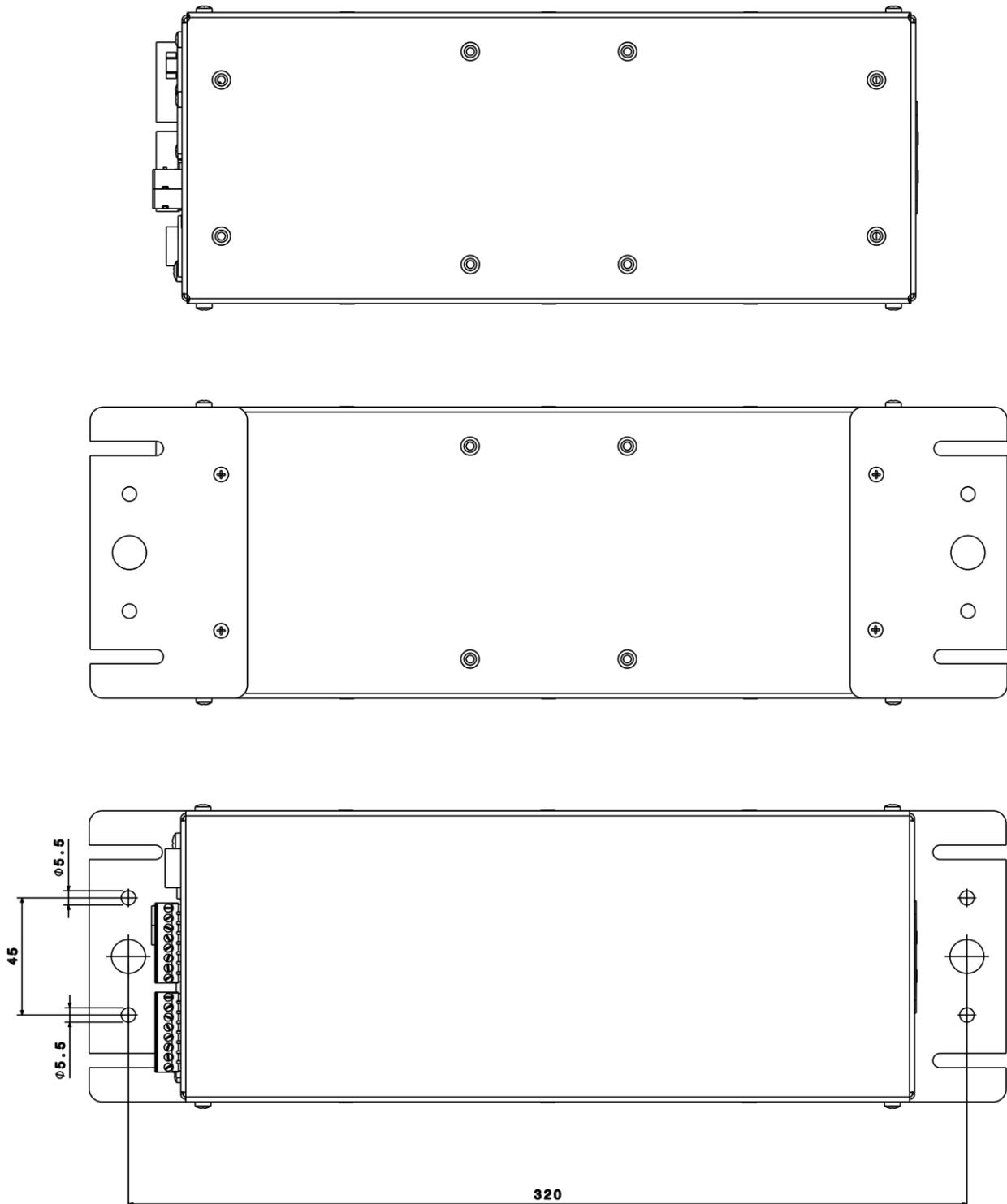
Wall mounting with 2 brackets on long sides:

Ø5.5   45   Ø5.5

152
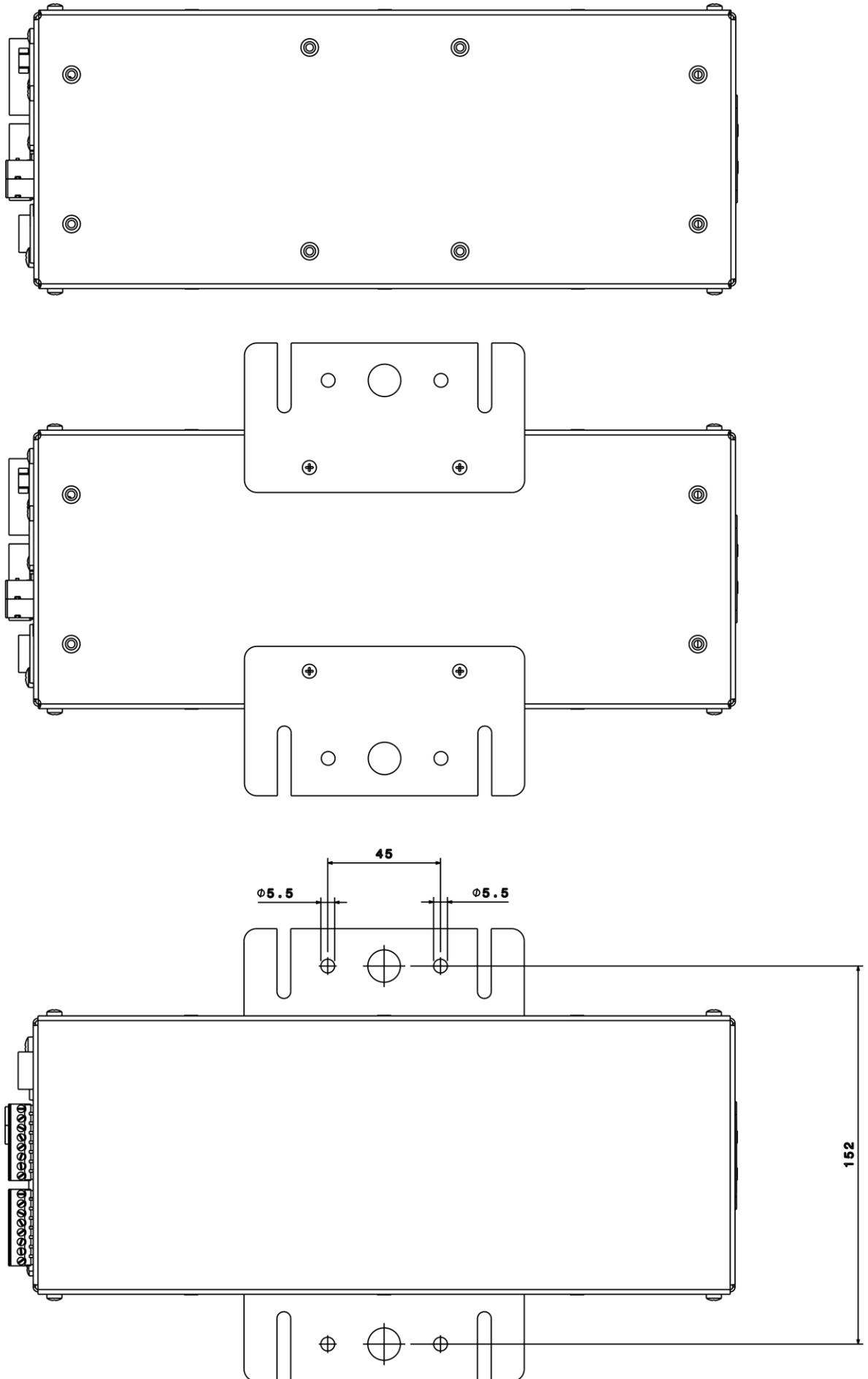
For truss mounting installation, it is recommended the use of appropriate clamps to fix the unit to the mounting surface.
Suitable fixing clamps are available on demand.
ATTENTION:
A safety cable must be securely fixed to the unit and to the suspension truss in order to avoid the fixture accidentally falling should the main fixing point fail.
Make sure that the safety cable or chain can bear the weight of the entire unit.
A suitable safety cable (code 0521A010) is available on demand.
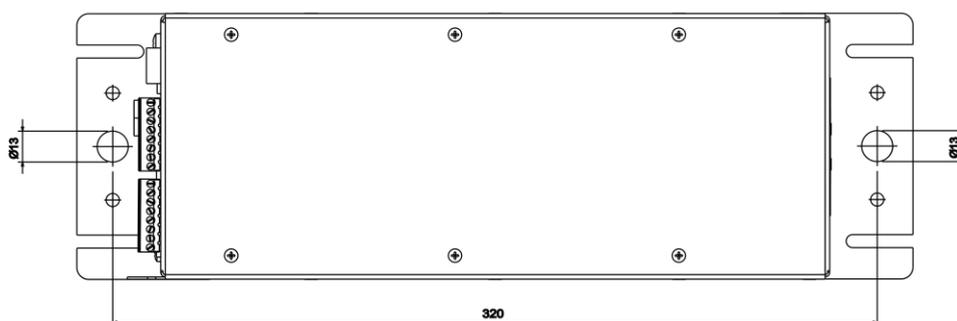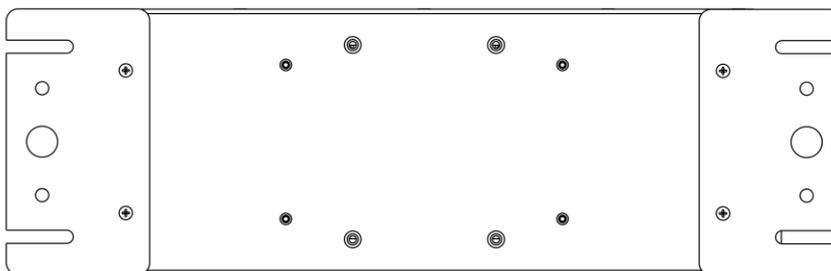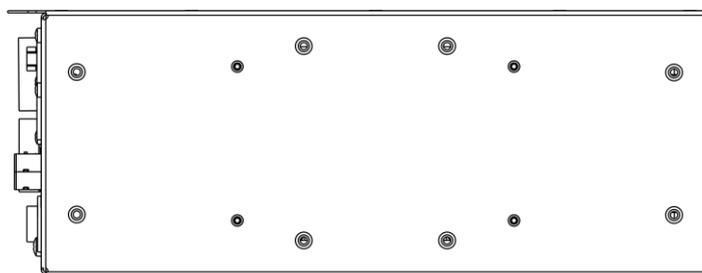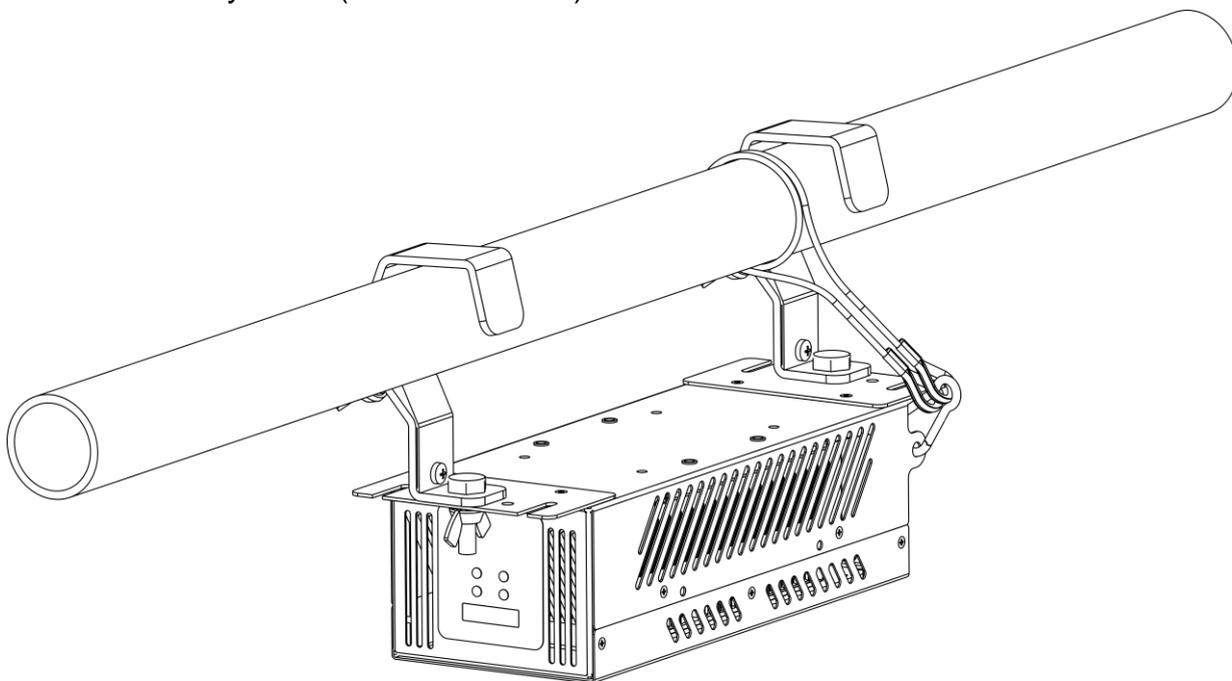
8- INPUT / OUTPUT CONNECTIONS

LED OUT 1 / LED OUT 2
8-pole screw terminals removable
connector (pitch 3,81 mm)

MAINS IN FUSE
T 5A 250V

DALI IN/OUT
2-pole screw terminals
panel connector

MAINS IN
100-240Vac 50-60 Hz
PowerCON male
panel connector

Max Power 280W.
The maximum output load
connectable @ 100-130Vac
should not exceed 200W.
Check the max power of
each unit to be connected.

DMX IN/OUT
XLR 5-pole male/female
panel connectors

USER INTERFACE
4-digit 7-segment
LED Display + 4 soft keys

9- DMX SIGNAL CONNECTION:

The unit operates using a digital DMX 512 signal.
Connection between the controller and the unit or between units must be carried out using a two pair screened ∅ 0.5 mm.
Ensure that the conductors do not touch each other.
Do not connect the cable ground to the DMX connector chassis.
The plug housing must be isolated. Connect the mixer signal to the DMX IN unit plug and connect it to the next unit by connecting the DMX OUT plug on the first unit to the DMX IN plug of the second one.
In this way, all the units are cascade connected.
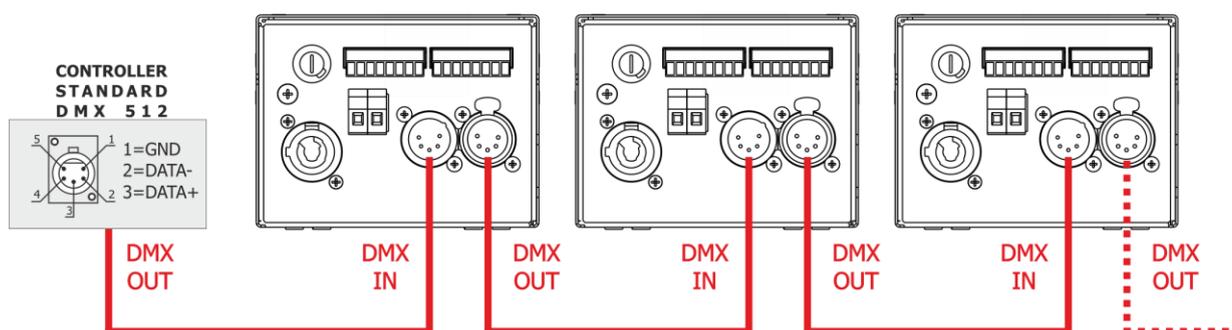
If the display showing the DMX address flashes, then one of the following errors has occurred:
- DMX signal not present
- DMX reception problem

For Installations where long distance DMX cable connections are needed, we suggest to use a DMX terminator.
The DMX terminator is a male XLR 3-5 pins connector with a 120 ohm resistor Between pin 2 and 3.
The DMX terminator must be plugged into the last unit (DMX out panel connector) of the DMX line.
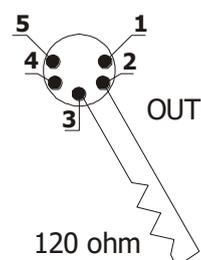
PLACE A 120 OHM RESISTOR BETWEEN PIN 2 AND 3 OF A MALE XRL CONNECTOR AND PLUG IT INTO THE DMX OUT PANEL CONNECTOR OF THE LAST UNIT CONNECTED TO THE DMX LINE
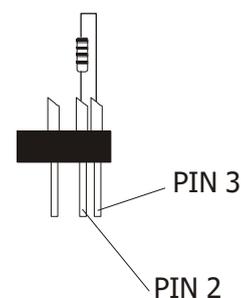
9.1 DMX addresses

DRIVENET 28 EZ can be used in 9 DMX channels mode: 10 ch, 8 ch, 4 ch, 2 ch, 1 ch, 8 ch + dimmer, 4 ch + dimmer, 2 ch + dimmer or Custom 8 ch.
In order to use the unit in 8 DMX channels mode (default), set the following addresses on the mixer:

Unit 1 A001
Unit 2 A009   If you want to select the next projector, just add "8"
Unit 3 A017
…..   A….
Unit 6 A041

9.2 Selecting the DMX address

1) Press the UP-DOWN key until you reach the required DMX address. The numbers on the display will start to flash (but the new DMX address hasn't yet been set).
2) Press ENTER to confirm your selection. The numbers on the display will stop flashing and the projector is now controlled by the new DMX address.

TIPS: if you keep pushed the UP or DOWN keys, the channels are calculated more quickly and you get a faster selection.

10- RDM FUNCTIONS

By using a RDM controller it is possible to set DMX address, DMX mode and other parameters. DRIVENET 28 EZ accepts the following RDM commands:

Root Device

DEVICE_INFO	To read the following parameters: • RDM protocol version • Fixture model ID • Fixture type • Software version ID • DMX channels • DMX mode • DMX address • Total sensors
IDENTIFY_DEVICE	All LED channels ON at max power to identify the fixture
DMX_START_ADDRESS	To read / set the DMX address
SOFTWARE_VERSION_LABEL	Software version ID
SUPPORTED_PARAMETERS	List of all supported parameters
PARAMETER_DESCRIPTION	Description / details of Manufacturer Specific parameter as "NO DMX ACTION"
DMX_PERSONALITY	To set the DMX mode
DMX_PERSONALITY_DESCRIPTION	Description / details of the DMX mode
DEVICE_MODEL_DESCRIPTION	Description / details of the Fixture model
MANUFACTURER_LABEL	Producer ID
SENSOR_DEFINITION, SENSOR VALUE	Description / values of sensors
RDM MANUFACTURER-SPECIFIC PIDs	

NO DMX ACTION	To set the desired fixture's behavior in case DMX signal is missing or not available.
	1 = Black-out
	2 = All channels @ 60%
	3 = All channels @ 100%
	4 = CUSTOM:
	   RED NO DMX
	   0 ÷ 255 (Default = 0)
	   GREEN NO DMX
	   0 ÷ 255 (Default = 0)
	   BLUE NO DMX
	   0 ÷ 255 (Default = 0)
	   WHITE NO DMX
	   0 ÷ 255 (Default = 0)
	5 = Keep last valid DMX signal (Default)

Sub-Device

DEVICE_INFO	To read the following parameters: • RDM protocol version • Fixture model ID • Fixture type • Software version ID • DMX channels • DMX mode • DMX address • Total sensors
IDENTIFY_DEVICE	All LED channels ON at max power to identify the fixture
DMX_START_ADDRESS	To read / set the DMX address
SOFTWARE_VERSION_LABEL	Software version ID
SUPPORTED_PARAMETERS	List of all supported parameters

11- DALI SIGNAL CONNECTION:

The unit operates using a digital DALI signal.
Connection between the controller and the unit or between units can be made by using any standard cable minimum ø 0.5 mm.
Connect the mixer signal to the DALI 2-pole In/Out screw terminals panel connector and re-send it to the next units.
In this way, all the units are cascade connected.
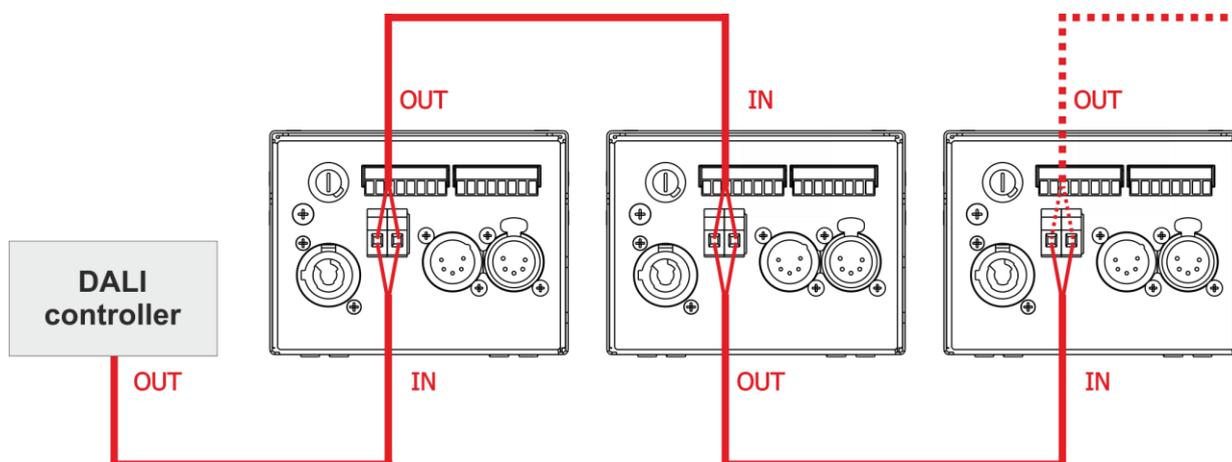
12- DALI FUNCTIONS

By using a DALI controller it is possible to set independently the value of the 8 output channels only if DMX signal is disabled (DMX signal has priority on DALI signal).
Searching, addressing and report commands are accepted also if DMX signal is enabled. DRIVENET 28 EZ accepts the following DALI commands:

Command Number	Description
0	Off
1	Up (Fade Rate)
2	Down (Fade Rate)
3	Step Up (Increment Arc Power Level)
4	Step Down (Decrement Arc Power Level)
5	Recall Max Level
6	Recall Min Level
7	Step Down and Off (Decrement Arc Power Level if at min level turn Off)
8	On and Step Up (Increment Arc Power Level if off then turn On)
16...31	Go to Scene [0...15]
32	Reset (DALI factory default parameters)
33	Store Actual Level in the DTR
42	Store DTR as Max Level
43	Store DTR as Min Level
46	Store DTR as Fade Time
47	Store DTR as Fade Rate
64-79	Store DTR as Scene [0...15]
80-95	Remove from Scene [0...15]
96...111	Add to Group [0...15]
112...127	Remove from Group [0...15]
128	Store DTR as Short Address
144	Query Status
145	Query Ballast

Command Number	Description
151	Query Version Number
152	Query Content DTR
153	Query Device Type
160	Query Actual Level
161	Query Max Level
162	Query Min Level
163	Query Power On Level
164	Query System Failure Level
165	Query Fade Time/ Fade Rate
176...191	Query Scene Level
192	Query Groups [0...7]
193	Query Groups [8...15]
194	Query Random Address High
195	Query Random Address Middle
196	Query Random Address Low

Supported Special Commands

Command Number	Description
256	Terminate
257	Store Data to DTR
258	Initialize
259	Randomize
260	Compare
261	Withdraw
264	Search Address High
265	Search Address Middle
266	Search Address Low
267	Program Short Address
268	Verify Short Address
269	Query Short Address
270	Physical Selection

DALI default settings

Name	Default Value
Power On Level	254 [100%]
System Failure Level	254 [100%]
Min Level	1 [0.1%]
Max Level	254 [100%]
Fade Rate	7 [45 Steps/s]
Fade Time	0 [0 s]
Short Address	rnd
Group Low [0...7]	0
Group High [8...15]	0
Scene [1...16]	0xFF

DALI fixed settings

Name	Value
Dali Version	1
Device Type	6 (LED)
Physical Min Level	1 [0.1%]

DALI controllers identify each DRIVENET 28 EZ as 8 DALI gears and automatically assign 8 DALI addresses of the 64 available for each controller.
The first gear is assigned at the first DALI address available while the other addresses are assigned consecutively. By using a DALI controller it is possible to change the sequence of addresses.

13- FIRMWARE UPDATING

To update the firmware release of the DRIVENET 28 EZ you need:
- DTS Dongle Firmware Uploader (code 03.LA.206).
- "DTS Firmware Upgrade Utility v.2.02" program installed on PC.
- Latest firmware release available for DRIVENET 28 EZ unit.

Updating the firmware release.
Please follow the procedure below to perform the update:

1. Connect the DTS Dongle Firmware Uploader to a spare USB port on the PC.
2. Connect the unit DMX input to the DTS Dongle Firmware Uploader DMX output with a standard DMX cable and turn ON the unit.
3. Send the new firmware release into the unit by using "DTS Firmware Upgrade Utility v.2.02" program. At the end of the procedure, the unit will reset.

For more information please refer to an authorised DTS service centre.

14- DISPLAY FUNCTIONS

The DRIVENET 28 EZ display panel shows all the available control menus.
Using these options, it is possible to change the fixture's setting.
Changing the DTS settings can vary the functions of the unit so that it does not respond to the DMX 512 used to control it. Carefully follow the instructions below before carrying out any variations or selections.
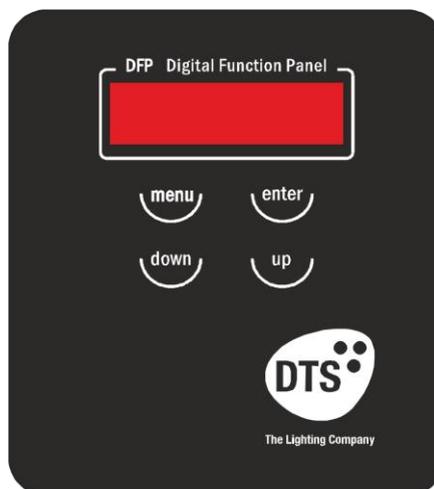
MENU	• To access the control menus in the display panel. • To return to the previous level in the menu structure without making a change. • To exit the menus.
ENTER	• To select any required menu. • To confirm any changes.
UP / DOWN	• To navigate the menus structure. • To change any value.

FIRMWARE RELEASE	1.00
RDM Device Model ID	0x0D6E
DMX Personality IDs	0x01 "DMX_MODE_10CH" 0x02 "DMX_MODE_8CH" 0x03 "DMX_MODE_4CH" 0x04 "DMX_MODE_2CH" 0x05 "DMX_MODE_1CH" 0x06 "DMX_MODE_D8CH" 0x07 "DMX_MODE_D4CH" 0x08 "DMX_MODE_D2CH" 0x09 "CUSTOM 8 CHANS"

MAIN MENU	LEVEL 1	LEVEL 2	LEVEL 3	FUNCTION
diSP	PoS1	AA		**Display normal orientation for floor mounting position (Default)**
		BB		Display inverted orientation for suspended mounting position
	StbY	oFF		**Display always ON (Default)**
		on		Display goes OFF after 10 seconds
ModE	10cH			**Allows to select 10 DMX channels mode (Default)**
	8cH			Allows to select 8 DMX channels mode
	4cH			Allows to select 4 DMX channels mode
	2cH			Allows to select 2 DMX channels mode
	1cH			Allows to select 1 DMX channel mode
	d8cH			Allows to select D8CH mode (8 channels + dimmer)
	d4cH			Allows to select D4CH mode (4 channels + dimmer)
	d2cH			Allows to select D2CH mode (2 channels + dimmer)
	cuSt			Allows to select CUSTOM mode (8 channels with independent DMX address)
LEd	SMtH	oFF-20		Allows to select the value of the delay (in milliseconds) for Dimmer channel reaction to DMX or Program variation. Off = Instant response to DMX variation. **4 = 100 ms Smooth response to DMX variation (Default)** 20 = 500 ms Smooth response to DMX variation.
	coMP	quAd		**Allows to select Quadratic current for linear light output (Default)**
		LinE		Allows to select Linear current output
	SYnc	610-9999		Allows to adjust the PWM frequency value (Hz) in order to reduce flickering in the process of your camera recordings. Range = 610 Hz - 10 KHz **Default = 610 Hz**
	bSt	on		Allows to increase the LED's current from 490mA to 700mA
		oFF		**Default = OFF**
	SPLS	on		Allows to sync the pulse between multiple units.
		oFF		**Default = ON**

MAIN MENU	LEVEL 1	LEVEL 2	LEVEL 3	FUNCTION
dFSE	*SurE*			To restore default settings
tEnP	*025.0*			LED driver temperature monitoring
tInE	*unIt*			Shows the total unit life time and the 8 channel output life time
	cH1			
	cH2			
	cH3			
	cH4			
	cH5			
	cH6			
	cH7			
	cH8			
SoFt	*u. 1.00*			Software version

15- DMX PROTOCOL

10 CHANNELS MODE

1   SHUTTER
2   DIMMER
3   OUTPUT CHANNEL 1
4   OUTPUT CHANNEL 2
5   OUTPUT CHANNEL 3
6   OUTPUT CHANNEL 4
7   OUTPUT CHANNEL 5
8   OUTPUT CHANNEL 6
9   OUTPUT CHANNEL 7
10   OUTPUT CHANNEL 8

Ch	Name	DMX levels	
1	SHUTTER	0..9	Black-out
		10..19	Open
		20..29	Black-out
		30..119	Strobo (from 3,27 s to 30 ms)
		120..149	Pulse up (from 42,6 s to 120 ms)
		150..179	Pulse down (from 42,6 s to 120 ms)
		180..204	Random strobe
		205..229	Full independent random strobe
		230..234	Channels sequence CH1-CH2-CH3-CH4-CH5-CH6-CH7-CH8 230 -> 100 ms for channel 231 -> 200 ms for channel 232 -> 300 ms for channel 233 -> 400 ms for channel 234 -> 500 ms for channel
		235..255	Open
2	DIMMER	0..255	Proportional master dimmer from min to max
3	OUTPUT CHANNEL 1	0..255	Proportional dimmer from min to max
4	OUTPUT CHANNEL 2	0..255	Proportional dimmer from min to max
5	OUTPUT CHANNEL 3	0..255	Proportional dimmer from min to max
6	OUTPUT CHANNEL 4	0..255	Proportional dimmer from min to max
7	OUTPUT CHANNEL 5	0..255	Proportional dimmer from min to max
8	OUTPUT CHANNEL 6	0..255	Proportional dimmer from min to max
9	OUTPUT CHANNEL 7	0..255	Proportional dimmer from min to max
10	OUTPUT CHANNEL 8	0..255	Proportional dimmer from min to max

8 CHANNELS MODE (Default)

1   OUTPUT CHANNEL 1
2   OUTPUT CHANNEL 2
3   OUTPUT CHANNEL 3
4   OUTPUT CHANNEL 4
5   OUTPUT CHANNEL 5
6   OUTPUT CHANNEL 6
7   OUTPUT CHANNEL 7
8   OUTPUT CHANNEL 8

Ch	*Name*	*DMX levels*	
1	OUTPUT CHANNEL 1	0..255	Proportional dimmer from min to max
2	OUTPUT CHANNEL 2	0..255	Proportional dimmer from min to max
3	OUTPUT CHANNEL 3	0..255	Proportional dimmer from min to max
4	OUTPUT CHANNEL 4	0..255	Proportional dimmer from min to max
5	OUTPUT CHANNEL 5	0..255	Proportional dimmer from min to max
6	OUTPUT CHANNEL 6	0..255	Proportional dimmer from min to max
7	OUTPUT CHANNEL 7	0..255	Proportional dimmer from min to max
8	OUTPUT CHANNEL 8	0..255	Proportional dimmer from min to max

4 CHANNELS MODE

1   OUTPUT CHANNEL 1 + OUTPUT CHANNEL 2
2   OUTPUT CHANNEL 3 + OUTPUT CHANNEL 4
3   OUTPUT CHANNEL 5 + OUTPUT CHANNEL 6
4   OUTPUT CHANNEL 7 + OUTPUT CHANNEL 8

Ch	*Name*	*DMX levels*	
1	OUTPUT CHANNEL 1 + OUTPUT CHANNEL 2	0..255	Proportional dimmer from min to max
2	OUTPUT CHANNEL 3 + OUTPUT CHANNEL 4	0..255	Proportional dimmer from min to max
3	OUTPUT CHANNEL 5 + OUTPUT CHANNEL 6	0..255	Proportional dimmer from min to max
4	OUTPUT CHANNEL 7 + OUTPUT CHANNEL 8	0..255	Proportional dimmer from min to max

2 CHANNELS MODE

1   OUT CH 1 + OUT CH 2 + OUT CH 3 + OUT CH 4
2   OUT CH 5 + OUT CH 6 + OUT CH 7 + OUT CH 8

Ch	*Name*	*DMX levels*	
1	OUTPUT CHANNEL 1 + OUTPUT CHANNEL 2 + OUTPUT CHANNEL 3 + OUTPUT CHANNEL 4	0..255	Proportional dimmer from min to max
2	OUTPUT CHANNEL 5 + OUTPUT CHANNEL 6 + OUTPUT CHANNEL 7 + OUTPUT CHANNEL 8	0..255	Proportional dimmer from min to max

1 CHANNEL MODE

1 **OUT CH 1 + OUT CH 2 + OUT CH 3 + OUT CH 4 + OUT CH 5 + OUT CH 6 + OUT CH 7 + OUT CH 8**

Ch	Name	DMX levels	
1	OUTPUT CHANNEL 1 + OUTPUT CHANNEL 2 + OUTPUT CHANNEL 3 + OUTPUT CHANNEL 4 + OUTPUT CHANNEL 5 + OUTPUT CHANNEL 6 + OUTPUT CHANNEL 7 + OUTPUT CHANNEL 8	0..255	Proportional dimmer from min to max

"D8CH" MODE (9 DMX CHANNELS)

1 **DIMMER**
2 **OUTPUT CHANNEL 1**
3 **OUTPUT CHANNEL 2**
4 **OUTPUT CHANNEL 3**
5 **OUTPUT CHANNEL 4**
6 **OUTPUT CHANNEL 5**
7 **OUTPUT CHANNEL 6**
8 **OUTPUT CHANNEL 7**
9 **OUTPUT CHANNEL 8**

Ch	Name	DMX levels	
1	DIMMER	0..255	Proportional master dimmer from min to max
2	OUTPUT CHANNEL 1	0..255	Proportional dimmer from min to max
3	OUTPUT CHANNEL 2	0..255	Proportional dimmer from min to max
4	OUTPUT CHANNEL 3	0..255	Proportional dimmer from min to max
5	OUTPUT CHANNEL 4	0..255	Proportional dimmer from min to max
6	OUTPUT CHANNEL 5	0..255	Proportional dimmer from min to max
7	OUTPUT CHANNEL 6	0..255	Proportional dimmer from min to max
8	OUTPUT CHANNEL 7	0..255	Proportional dimmer from min to max
9	OUTPUT CHANNEL 8	0..255	Proportional dimmer from min to max

"D4CH" MODE (5 DMX CHANNELS)

1   DIMMER
2   OUTPUT CHANNEL 1 + OUTPUT CHANNEL 2
3   OUTPUT CHANNEL 3 + OUTPUT CHANNEL 4
4   OUTPUT CHANNEL 5 + OUTPUT CHANNEL 6
5   OUTPUT CHANNEL 7 + OUTPUT CHANNEL 8

Ch	Name		DMX levels
1	DIMMER	0..255	Proportional master dimmer from min to max
2	OUTPUT CHANNEL 1 + OUTPUT CHANNEL 2	0..255	Proportional dimmer from min to max
3	OUTPUT CHANNEL 3 + OUTPUT CHANNEL 4	0..255	Proportional dimmer from min to max
4	OUTPUT CHANNEL 5 + OUTPUT CHANNEL 6	0..255	Proportional dimmer from min to max
5	OUTPUT CHANNEL 7 + OUTPUT CHANNEL 8	0..255	Proportional dimmer from min to max

"D2CH" MODE (3 DMX CHANNELS)

1   DIMMER
2   OUT CH 1 + OUT CH 2 + OUT CH 3 + OUT CH 4
3   OUT CH 5 + OUT CH 6 + OUT CH 7 + OUT CH 8

| Ch	Name		DMX levels
1	DIMMER	0..255	Proportional master dimmer from min to max
2	OUTPUT CHANNEL 1 + OUTPUT CHANNEL 2 + OUTPUT CHANNEL 3 + OUTPUT CHANNEL 4	0..255	Proportional dimmer from min to max
3	OUTPUT CHANNEL 5 + OUTPUT CHANNEL 6 + OUTPUT CHANNEL 7 + OUTPUT CHANNEL 8	0..255	Proportional dimmer from min to max

"CUSTOM 8 CHANS" MODE

1   OUTPUT CHANNEL 1 with independent DMX address
2   OUTPUT CHANNEL 2 with independent DMX address
3   OUTPUT CHANNEL 3 with independent DMX address
4   OUTPUT CHANNEL 4 with independent DMX address
5   OUTPUT CHANNEL 5 with independent DMX address
6   OUTPUT CHANNEL 6 with independent DMX address
7   OUTPUT CHANNEL 7 with independent DMX address
8   OUTPUT CHANNEL 8 with independent DMX address

Ch	Name		DMX levels
1	OUTPUT CHANNEL 1	0..255	Proportional dimmer from min to max
2	OUTPUT CHANNEL 2	0..255	Proportional dimmer from min to max
3	OUTPUT CHANNEL 3	0..255	Proportional dimmer from min to max
4	OUTPUT CHANNEL 4	0..255	Proportional dimmer from min to max
5	OUTPUT CHANNEL 5	0..255	Proportional dimmer from min to max
6	OUTPUT CHANNEL 6	0..255	Proportional dimmer from min to max
7	OUTPUT CHANNEL 7	0..255	Proportional dimmer from min to max
8	OUTPUT CHANNEL 8	0..255	Proportional dimmer from min to max

11- WIRING DIAGRAMS

The maximum number of ARTEMIO FRESNEL connectable to each output channel of the DRIVENET 28 EZ is 1 piece.
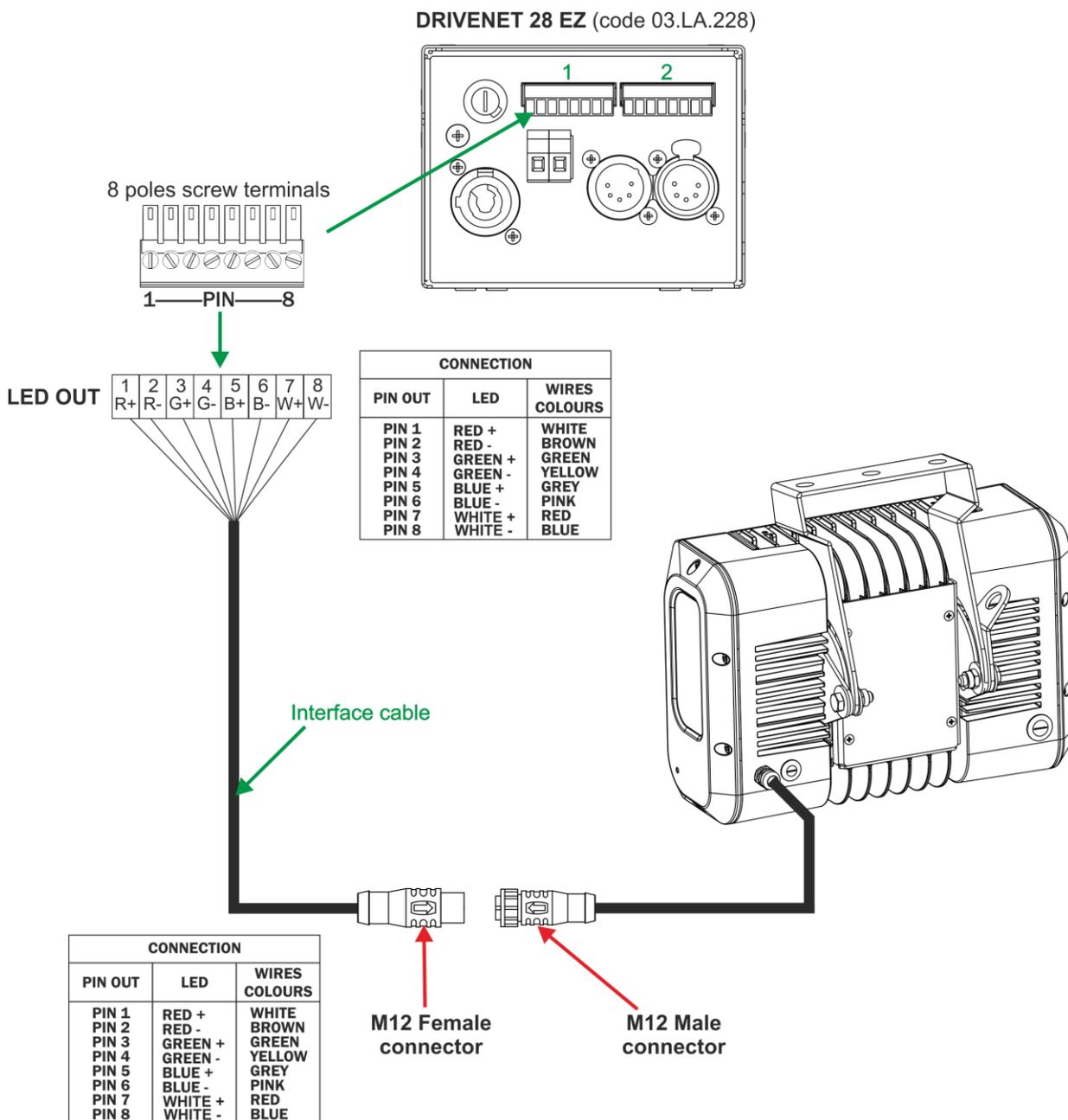
The maximum distance between DRIVENET 28 EZ and ARTEMIO FRESNEL unit should not exceed 100 meters.
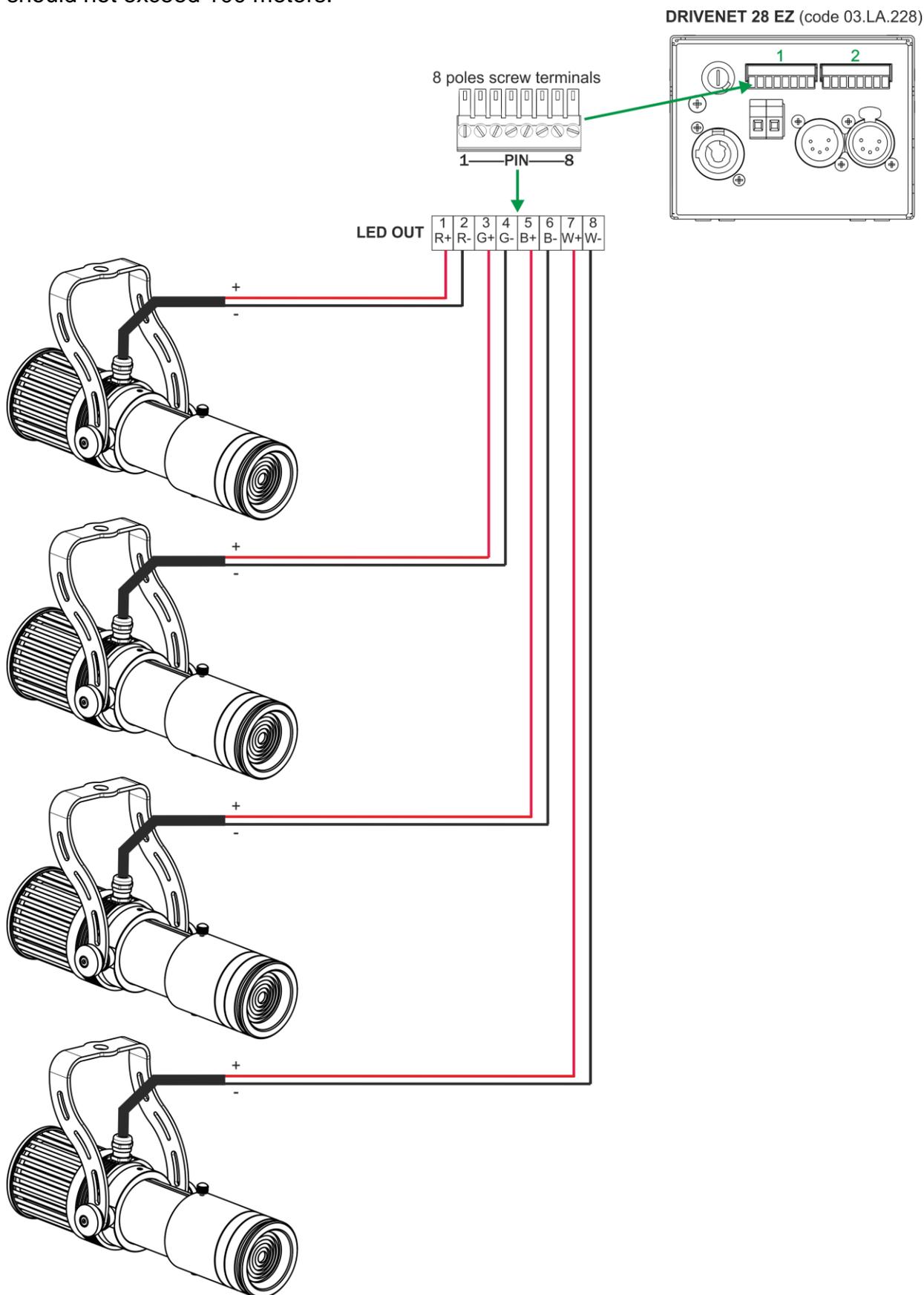
11- WIRING DIAGRAMS

The maximum number of MINI BRICK ARC connectable to each output of the DRIVENET 28 EZ @ 180-240Vac is 1 piece.

The maximum distance between DRIVENET 28 EZ and MINI BRICK ARC unit should not exceed 100 meters.

DRIVENET 28 EZ (code 03.LA.228)

8 poles screw terminals

1——PIN——8

LED OUT

1	2	3	4	5	6	7	8
R+	R-	G+	G-	B+	B-	W+	W-

CONNECTION

PIN OUT	LED	WIRES COLOURS
PIN 1	RED +	WHITE
PIN 2	RED -	BROWN
PIN 3	GREEN +	GREEN
PIN 4	GREEN -	YELLOW
PIN 5	BLUE +	GREY
PIN 6	BLUE -	PINK
PIN 7	WHITE +	RED
PIN 8	WHITE -	BLUE

Interface cable

CONNECTION

PIN OUT	LED	WIRES COLOURS
PIN 1	RED +	WHITE
PIN 2	RED -	BROWN
PIN 3	GREEN +	GREEN
PIN 4	GREEN -	YELLOW
PIN 5	BLUE +	GREY
PIN 6	BLUE -	PINK
PIN 7	WHITE +	RED
PIN 8	WHITE -	BLUE

M12 Female connector
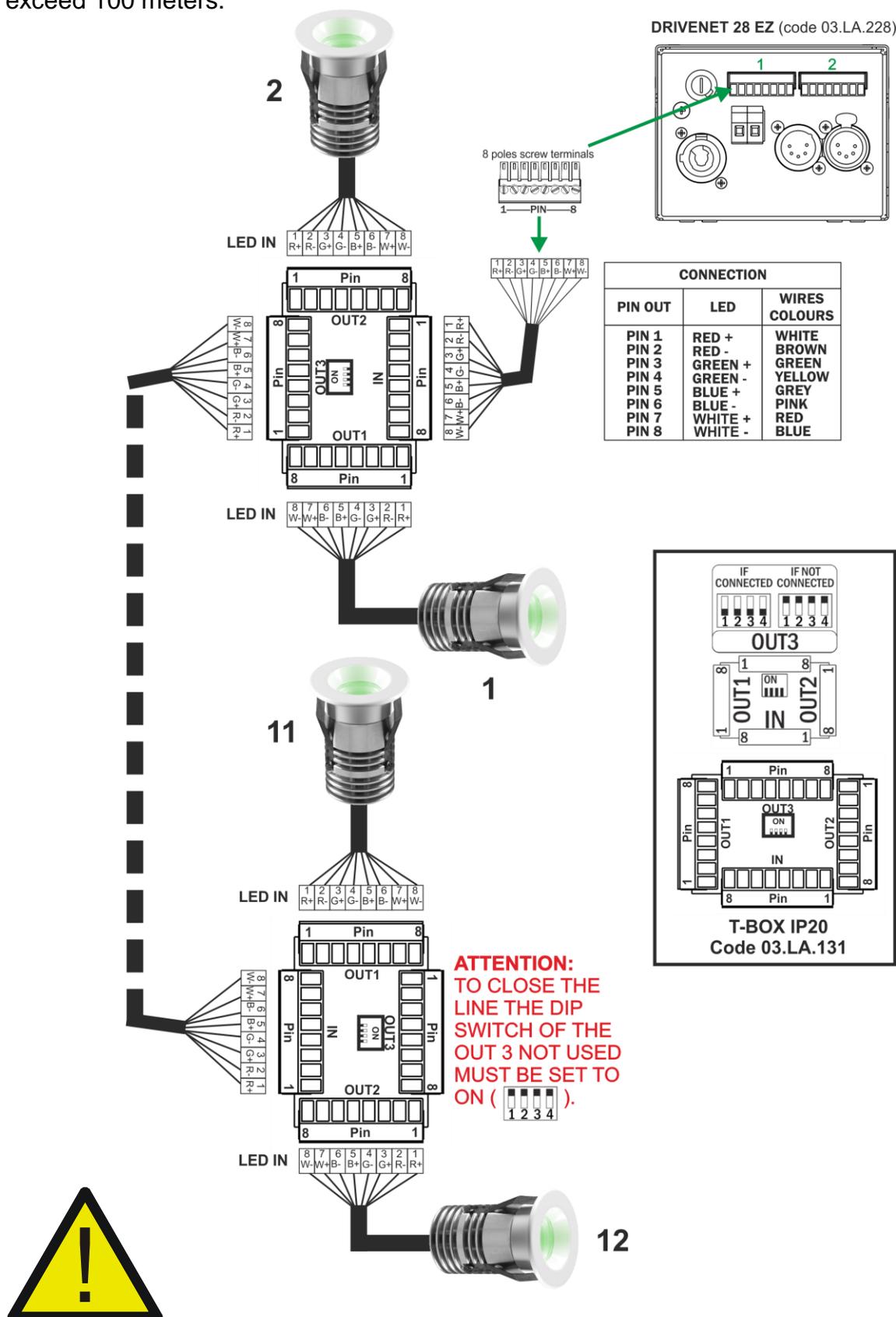
M12 Male connector

⚠

Max Power 280W.
The maximum output load connectable @ 100-130Vac should not exceed 200W.
Check the max power of each unit to be connected.

11- WIRING DIAGRAMS

The maximum number of VICE R FC connectable to each output of the DRIVENET 28 EZ @ 180-240Vac is 12 pieces.
The maximum distance between DRIVENET 28 EZ and VICE R FC unit should not exceed 100 meters.

DRIVENET 28 EZ (code 03.LA.228)

CONNECTION		
PIN OUT	LED	WIRES COLOURS
PIN 1	RED +	WHITE
PIN 2	RED -	BROWN
PIN 3	GREEN +	GREEN
PIN 4	GREEN -	YELLOW
PIN 5	BLUE +	GREY
PIN 6	BLUE -	PINK
PIN 7	WHITE +	RED
PIN 8	WHITE -	BLUE

ATTENTION: TO CLOSE THE LINE THE DIP SWITCH OF THE OUT 3 NOT USED MUST BE SET TO ON.

T-BOX IP20
Code 03.LA.131

Max Power 280W.
The maximum output load connectable @ 100-130Vac should not exceed 200W.
Check the max power of each unit to be connected.

NOTES

<u>NOTES</u>
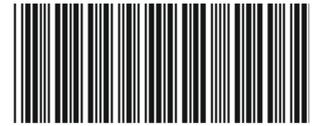
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MADE IN
ITALY

D.T.S. Illuminazione s.r.l.
Via Fagnano Selve 12- ● 47843 Misano Adriatico (RN) Italy
Tel.: +39 0541 611131 ● Fax +39 0541 611111 info@dts-lighting.it

www.dts-lighting.it