zencontrol

DC Smart driver **specification**

Product range

Order code	Connector	Emergency duration
zc-smart-driver-dc-em-40	Screw	60 min
zc-smart-driver-dc-40	Screw	Non-EM

Wiring
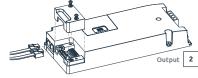
The driver is suitable for both field mount and inbuilt installation. See the *Wiring overview* below and *Wiring diagrams* to the right.

a   The driver provides large cage clamp screw terminals, as per *fig 1*.

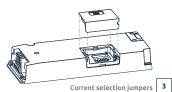b   For output power and current selection jumpers see *fig2* and *fig3*

Screw terminal **1**

Output **2**

Current selection jumpers **3**

Output current / power table

LED current	U out	LED power	U out	2	3	4	5
400 mA	24 - 39	10 W	9 - 39	✕	✕	✕	✕
450 mA	24 - 39	12 W	10 - 39	✕	✕	✕	■
500 mA	21 - 39	13 W	11 - 39	✕	✕	■	✕
550 mA	18 - 39	15 W	12 - 39	✕	✕	■	■
600 mA	15 - 39	17 W	14 - 39	✕	■	✕	✕
650 mA	15 - 39	20 W	15 - 39	✕	■	✕	■
700 mA	15 - 39	22 W	18 - 39	✕	■	■	✕
750 mA	15 - 39	24 W	20 - 39	✕	■	■	■
800 mA	15 - 39	26 W	22 - 39	■	✕	✕	✕
850 mA	12 - 39	28 W	24 - 39	■	✕	✕	■
900 mA	12 - 39	30 W	24 - 39	■	✕	■	✕
950 mA	12 - 39	32 W	26 - 39	■	✕	■	■
1000 mA	12 - 39	34 W	28 - 39	■	■	✕	✕
1050 mA	12 - 39	36 W	30 - 39	■	■	✕	■
1100 mA	12 - 39	38 W	32 - 39	■	■	■	✕
1150 mA	12 - 39	40 W	32 - 39	■	■	■	■
Constant current mode **1** ■		Constant power mode **1** ✕			■On		✕Off

Specifications

Supply voltage	36V - 60V 0Hz	
Control system	DALI / DALI-2	
Wiring	Screw	
Material	PC body	
Operating temperature	0 to 50°C	
Classification	Class III	
Ingress protection	IP20	
Duration	60 min	
Battery	Type	LiFePO$_4$
	Temperature	60°C
	Input/ output voltage	4.5 - 7.5 V
	Input current	0 - 1.75 A
	Output current	0 - 300 mA
Charge	Type	Smart
	Time	16 hours
	Operation	Multi-state
Output power rating	Output voltage	9 - 39 V
	Total	40 W
	Per channel	0 - 40 W
	Emergency operation	Dependent on model

Emergency specifications

Models	Duration	Battery	Emergency power	Battery supply current at 6.4V
zc-smart-driver-dc-em-40	60 min	3000mAh	6000mW	TBD

Accessory range

Order code	Description
zc-batt-3000mah	3000 mAh, 2 cell, LiFePO$_4$ battery
zc-pir-5m-p	5 m plug-in PIR and lux sensor
zc-pir-8m-p	8 m plug-in PIR and lux sensor
zc-em-kit	Emergency upgrade kit

Dimensions

193
28.5
81.5

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