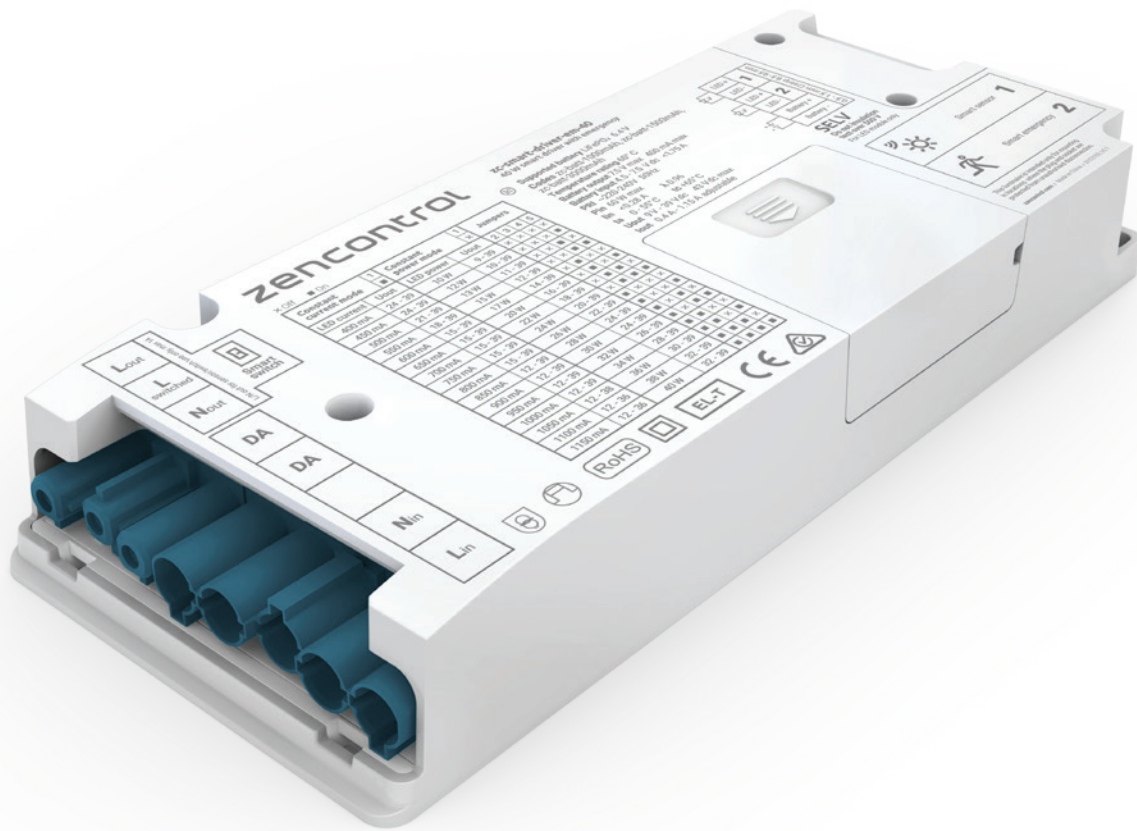


# zencontrol

## 40 W smart driver datasheet



### Features

- 40 W maintained and emergency output
- Mains rated switch / sensor inputs
- Average standby power consumption < 0.25 W
- Supports premium lithium batteries (LiFePO<sub>4</sub>)
- Dual output channels for tunable white and long life fittings
- Compliant to Australian and international safety & performance standards



### IEC62386 V2

IEC62386 V2 compliant and DALI backwards compatible



### Plug-in upgrades

Expand capability with presence, lux and IR models



### Emergency upgrade

Upgrade any luminaire to emergency with a plug-in kit



### Tunable white

Tunable white, dual output channels support DT-8

# zencontrol

## 40 W smart driver datasheet



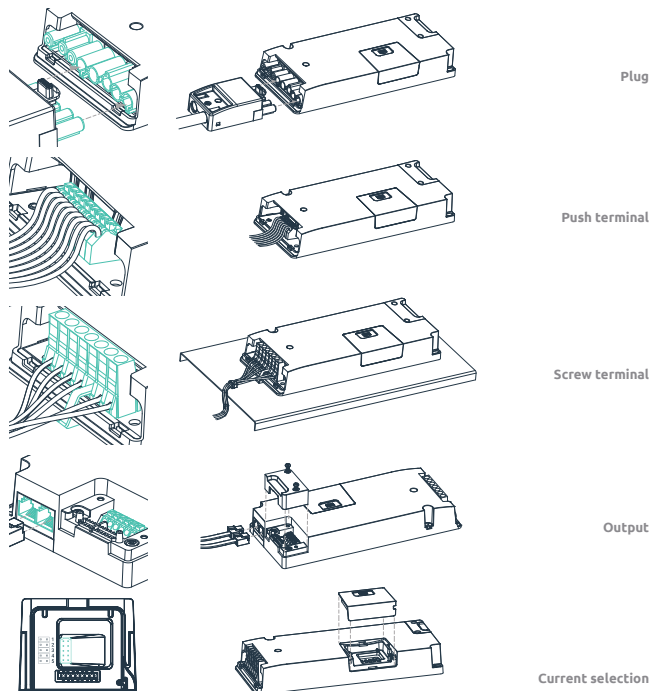
### Product range

Order code	Connector	Emergency duration	Smart sensor	Smart switch	Tunable white
zc-smart-driver-em-40-au	Plug	90 min	Yes	Yes	Yes (DT-8)
zc-smart-driver-em-40	Plug	180 min	Yes	Yes	Yes (DT-8)
zc-smart-driver-em-40-au-t	Screw	90 min	Yes	Yes	Yes (DT-8)
zc-smart-driver-em-40-t	Screw	180 min	Yes	Yes	Yes (DT-8)
zc-smart-driver-em-40-p	Push	180 min	Yes	Yes	Yes (DT-8)
zc-smart-driver-40	Plug	Non-EM	Yes	Yes	
zc-smart-driver-40-t	Screw	Non-EM	Yes	Yes	
zc-smart-driver-40-p	Push	Non-EM	Yes	Yes	
zc-driver-40	Plug	Non-EM		Yes	
zc-driver-40-t	Screw	Non-EM			
zc-driver-40-p	Push	Non-EM			
zc-smart-driver-em-40-b	Plug	90 min	Yes	Yes	
zc-smart-driver-em-40-b-t	Screw	90 min	Yes	Yes	

### Features

- Mains rated switch / sensor inputs
- 40 W driver and 6 W emergency output
- Average standby power consumption < 0.25 W
- Supports premium lithium batteries (LiFePO<sub>4</sub>)
- Dual output channels for tunable white and long life fittings
- Compliant to Australian and international safety & performance standards

### Wiring diagram



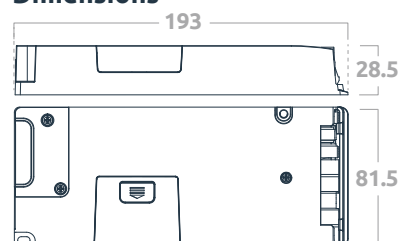
### Specifications

<b>Supply voltage</b>	220 - 240V ~ 50 Hz	
<b>Control system</b>	DALI / DALI-2	
<b>Wiring</b>	Soft-wiring, screw or push-terminal	
<b>Material</b>	PC body	
<b>Operating temperature</b>	0 to 55°C	
<b>Classification</b>	Class II	
<b>Ingress protection</b>	IP20	
<b>Duration</b>	90 / 180 min (dependent on model)	
<b>Battery</b>	<b>Type</b>	LiFePO <sub>4</sub>
	<b>Temperature</b>	60°C
	<b>Input/ output voltage</b>	4.5 - 7.5 V
	<b>Input current</b>	0 - 1.75 A
<b>Charge</b>	<b>Output current</b>	0 - 300 mA
	<b>Type</b>	Smart
	<b>Time</b>	16 hours
<b>Output power rating</b>	<b>Operation</b>	Multi-state
	<b>Output voltage</b>	9 - 39 V
	<b>Total</b>	40 W
	<b>Per channel</b>	0 - 40 W
<b>Emergency operation</b>	Dependent on model	
<b>Compliance standards</b>	IEC 61347-1 IEC 61347-2-7 IEC 61347-2-13 AS/NZS 61347-1 AS/NZS 61347-2-13 AS/NZS 2293.3 CISPR 15	
<b>Automatic test facility</b>	Automatic and self test facility operates per the requirements of IEC62386-202	

### Emergency specifications

Models	Duration	Battery	Emergency power	Battery supply current at 6.4V
zc-smart-driver-em-40-au	90 min	3000mAh OR 1500mAh	3500mW	TBD
zc-smart-driver-em-40-au-t			OR	
zc-smart-driver-em-40-b			1500mW	
zc-smart-driver-em-40-b-t				
zc-smart-driver-em-40	180 min	3000mAh OR 1500mAh	1500mW	TBD
zc-smart-driver-em-40-t			OR	
zc-smart-driver-em-40-p			1000mW	

### Dimensions



193 / 28.5 / 81.5 mm  
Fixing centres 150 mm