

Dynamic labelling technology, Saturn series

The Saturn series dynamic labelling technology switches are learn enabled surface switches designed to control lighting and other electrical services connected to a C-Bus network. The display found on the DLT switch, supports multi language text and user defined bitmaps, such as sliders and bar graphs. The LCD display incorporates back lighting that can be enabled for night operation. In addition, the DLT switch features a page scroll button that permits the user to navigate between pages, to access all control options.

Key Input units are fully programmable and may be configured as toggle, dimmer, timer or scene control type functions. With C-Bus switches it is possible to realise multi-way, multi-function switching or dimming control.



5085DL680

Technical Information

Voltage Requirements	15 – 36 Vdc @ 22 mA required for normal operation, drawn from the C-Bus network
Number of Units on a Network	Use the C-Bus Calculator, a software utility, to determine the total network current load
Electrical Isolation	3.75 kV RMS from C-Bus to power (provided externally)
Control Functions	Load switching, dimming, timing, scene control
Status Indicators	Blue, one dimmable LED per button
Backlight	White, dimmable, user configurable
Locator Option	User-configurable, adjustable blue LED for locating the unit in darkness, with "ignore first button press" option
Scene Control	4 scenes per keypad, 10 addresses per scene
Timers	1 sec – 18 hr, 1 second intervals
Screen	64 x 128 pixels LCD
Response Time	200 m sec or less
C-Bus Connection	One terminal block to accommodate 24 – 16 AWG (0.2 – 1.31 mm ²), CAT 5 UTP cable required
Dimensions	116 mm (L) x 76 mm (W) x 32 mm (D)
Mounting	Standard plaster (mud) ring or wall box (not provided), minimum internal width 52 mm Centres: 84 mm
Weight	3.35 oz (95 g)
Operating Environment	Temp.: 32°F to 113°F (0°C to 45°C) RH: 95%, noncondensing
Standards	UL: Listed 916 Energy Management Equipment CSA 22.2 Spec 205 Signal FCC: Part 15.101, Class B Digital Device EN61000-4-2 Immunity to ESD
Color Plate Colors	Saturn Style: Pure White, White, Cream, Black, Mocha, Stainless Steel

Catalogue Number	Description
E5084DL	4 Gang Saturn DLT square
5085DL	5 Gang Saturn DLT rectangle
Cover Selection	(GF) White, (380) Cream, (680) Black, (780) brown, (PW) Pure White

* Not stocked, expect longer delivery times

Accessories	Description
5084DF	4 Gang Saturn DLT fascia square
Cover Selection	(GF) White, (38) Cream, (68) Black, (78) Mid Brown, (PW) Pure White
5085DF	5 Gang Saturn DLT fascia rectangle
Cover Selection	(GF) White, (30) Cream, (60) Black, (780) Mid Brown, (PW) Pure White
5085DLLF	5 Button Saturn without Fascia rectangle

Product Features

- Available with 4 or 5 buttons
- Features blue light indicator with night light function
- Supports text labels and user defined bitmaps
- Ignore first press option
- Fallback to page 1 and 2 option
- Programmable using learn mode or via the C-Bus configuration software
- Programmed variables are stored in non-volatile memory and are retained in case of loss of C-Bus power

Functional Aesthetics

- 64 x 128 pixel LCD screen with a white backlight
- Editable LCD labels, available for each button or control group, can display text, symbols and graphics
- Dynamic graphic displays, such as bar graphs, can be enabled or disabled
- Bitmaps can be downloaded for each group address or scene
- Available in Glass, Pure White, Cream, Black & Mid Brown colour fascias