# DCS Wall Switches

## Scene Switches, Dimming Switches and Switch Coupler



The DCS Series Switches are Class 2 devices powered by a low voltage bus provided by the DCS System and can be networked to control multiple loads on one or more controllers. The DCS Low Voltage Wall Switch is used for manual on/off, dim and scene selection of one or more lighting loads, from one or more locations.

### Applications

The DCS Switches are recommended for classrooms, office rooms, warehouses, restaurants or any other application requiring manual lighting control. Due to the LED indicating the status of each button the switch can also be mounted outside the area where the lights are being controlled.

Project Name:
Location:

| Wall Switches Specifications | |
| --- | --- |
| Item No. / Color<br>White<br>White<br>White<br>White<br>White<br>White<br>White<br>White<br>White<br>White<br><br>Black<br>Black<br>Black | 72821 SS2 DCS – 2 Button Scene Switch<br>72822 SS4 DCS – 5 Button Scene Switch<br>72823 SS6 DCS – 7 Button Scene Switch<br>72815 DS1 DCS – 1 Zone Dimming Switch<br>72816 DS2 DCS – 2 Zone Dimming Switch<br>72817 DS3 DCS – 3 Zone Dimming Switch<br>72818 NF1 DCS - 1 Zone ON/OFF Switch<br>72819 NF2 DCS - 2 Zone ON/OFF Switch<br>72820 NF3 DCS - 3 Zone ON/OFF Switch<br>72824 DS-SS3 DCS – Multi Switch with 3 Zone Dimming, 3 Button Scene & Master On/Off<br>83261 DS1 DCS - 1 Zone Dimming Switch<br>83262 DS2 DCS – 2 Zone Dimming Switch<br>83531 DS-SS3 DCS – Multi Switch with 3 Zone Dimming, 3 Button Scene & Master On/Off<br>80137 SC4 DCS Switch Coupler<br>*Other DCS Switches available in black special order |
| Voltage | 12 – 23 VAC |
| Environment | IP20 rated - 4 °F to 122 F (-20°C to +50°C) |
| Warranty | 5 years |

### Key Features:

- Digital switch for use with a DCS Controller
- Touch sensitive
- Glass interface (white & black)
- Complies to DALI2 standard protocol
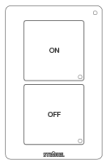- Polarity insensitive 2 wire buss

## Wiring

# DCS Wall Switches
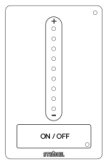## Scene Switches, Dimming Switches and Switch Coupler

**steinel**
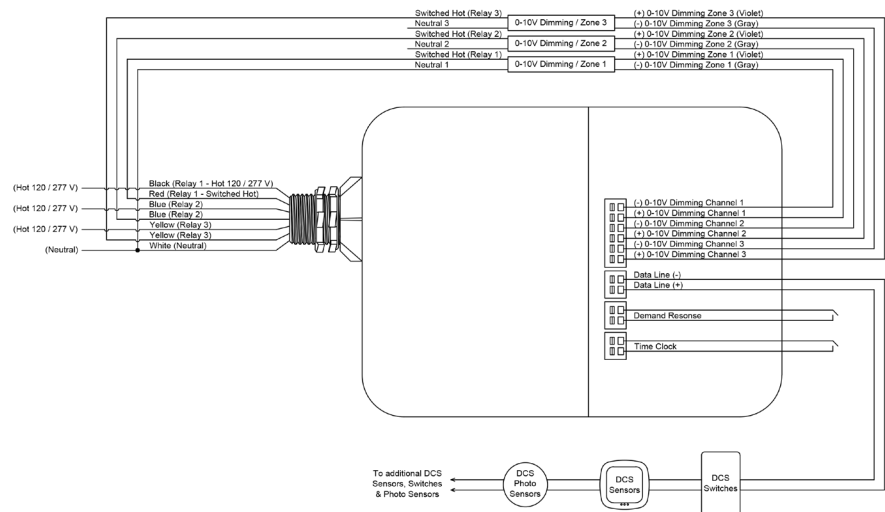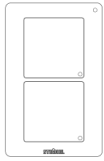
**SS2 DCS - Scene Switch 2 Button**
Two buttons unlabeled for ON, OFF, dimming or scene selection.
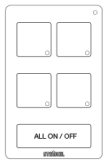
**NF1 DCS - ON / OFF 1 Zone**
Two buttons labeled for ON, OFF and dimming.
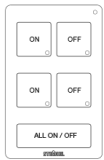
**DS1 DCS - Dimming Switch 1 Zone**
One button labeled for ON, OFF with dimming slider.

**SS4 DCS - Scene Switch 4 Button**
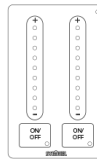Four buttons unlabeled for ON, OFF, dimming or scene selection.
One button labeled for all ON, all OFF.

**NF2 DCS - ON / OFF 2 Zone**
Four buttons labeled for ON, OFF and dimming.
One button labeled for all ON, all OFF.

**DS2 DCS - Dimming Switch 2 Zone**
Two buttons labeled for ON, OFF with individual dimming slider.

**SS6 DCS - Scene Switch 6 Button**
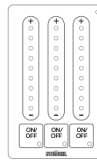Six buttons unlabeled for ON, OFF, dimming or scene selection.
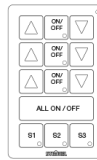One button labeled for all ON, all OFF.

**NF3 DCS - ON / OFF 3 Zone**
Six buttons labeled for ON, OFF and dimming.
One button labeled for all ON, all OFF.

**DS3 DCS - Dimming Switch 3 Zone**
Three buttons labeled for ON, OFF with individual dimming slider.
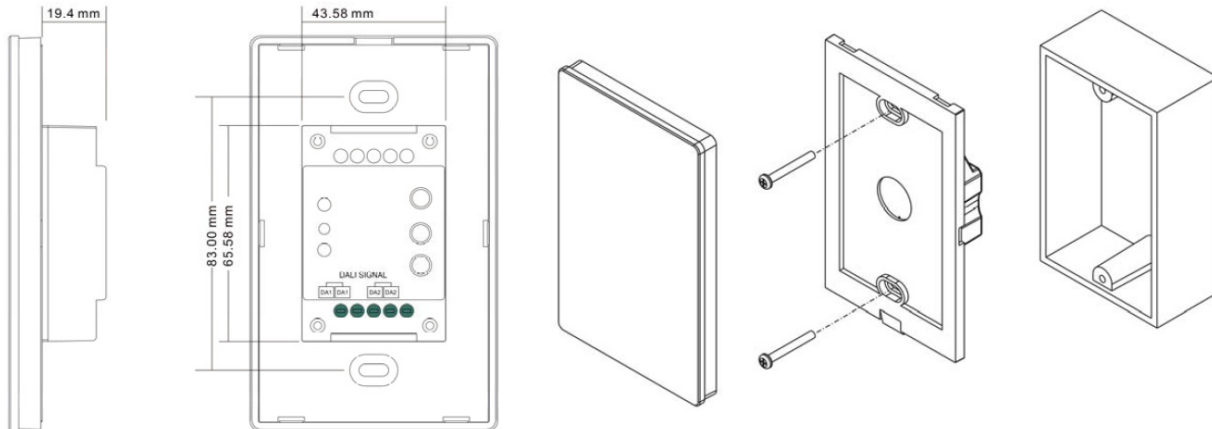
**DS-SS3 DCS - Dimming / Scene Switch 3 Zone**
Three buttons labeled for ON, OFF with individual dimming buttons.
One button labeled for all ON, all OFF and dimming.
Three buttons labeled for scene selection.

## Mounting

# DCS Wall Switches
## Scene Switches, Dimming Switches and Switch Coupler

**DALI Push-Button Coupler**
**SR-DA2833P-DA2**

Power is provided by DALI bus

Ta:-20℃-+50℃

K4  K3  COM  K2  K1

DA  DA    0.5-1.5mm²    6-7mm

**1** Zone 1, Toggle, ON/ OFF, Dim UP/DOWN

**2** Zone 2, Toggle, ON/ OFF, Dim UP/DOWN

**3** Zone 3, Toggle, ON/ OFF, Dim UP/DOWN

**4** Zone 1,2,3, ALL ON/ OFF
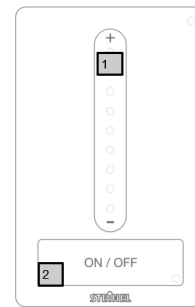
4 momentary switch inputs
2 wire Data Line
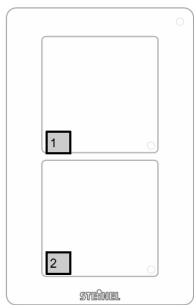
SS2 DCS

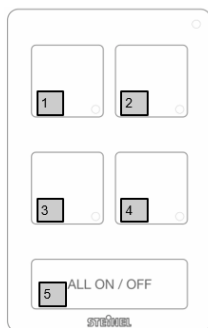**1** Zone 1,2,3 ON & Dim Up

**2** Zone 1,2,3 OFF & Dim Down

ON

OFF
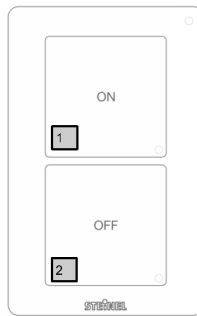
NF1 DCS

**1** Zone 1,2,3 ON & Dim Up

**2** Zone 1,2,3 OFF & Dim Down

+
−
ON / OFF

DS1 DCS

**1** Zone 1,2,3 ON, Dim Up/Down

**2** Zone 1,2,3 ALL ON/OFF

ALL ON / OFF

SS4 DCS

**1** Zone 1, ON, Dim UP

**2** Zone 1, OFF, Dim DOWN

**3** Zone 2, ON, Dim UP

**4** Zone 2, OFF, Dim DOWN

**5** Zone 1,2, ALL ON/ OFF

Note: Zone 3 will be Auto ON and not controlled by a switch. The typical application would be plug load for Z3.

ON    OFF
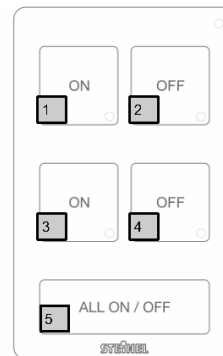
ON    OFF

ALL ON / OFF

NF2 DCS

**1** Zone 1, ON, Dim UP

**2** Zone 1, OFF, Dim DOWN

**3** Zone 2, ON, Dim UP

**4** Zone 2, OFF, Dim DOWN

**5** Zone 1,2, ALL ON/ OFF

Note: Zone 3 will be Auto ON and not controlled by a switch. The typical application would be plug load for Z3.
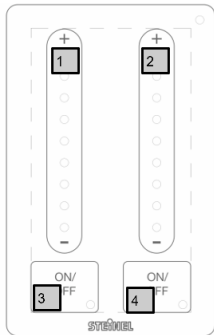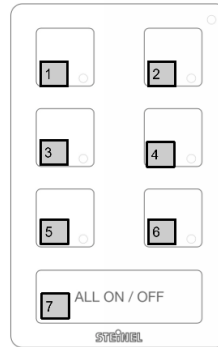
# DCS Wall Switches

## Scene Switches, Dimming Switches and Switch Coupler

**steinel**

### DS2 DCS

1   Zone 1, ON, Dim UP/Down with slider

2   Zone 2, ON, Dim UP/Down with slider

3   Zone 1, ON/OFF

4   Zone 2, ON/OFF

Note: Zone 3 will be Auto ON by sensor and not controlled by a switch. The typical application would be plug load for Z3.
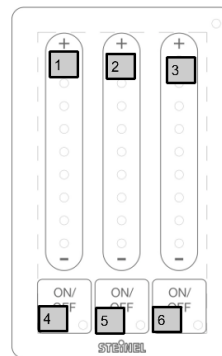
### SS6 DCS

1   Zone 1, ON, Dim UP

2   Zone 1, OFF, Dim DOWN

3   Zone 2, ON, Dim UP

4   Zone 2, OFF, Dim DOWN

5   Zone 3, ON, Dim UP

6   Zone 3, OFF, Dim DOWN
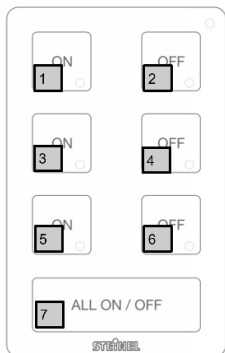
7   Zone 1,2,3, ALL ON/ OFF

### NF3 DCS

1   Zone 1, ON, Dim UP

2   Zone 1, OFF, Dim DOWN

3   Zone 2, ON, Dim UP

4   Zone 2, OFF, Dim DOWN

5   Zone 3, ON, Dim UP

6   Zone 3, OFF, Dim DOWN

7   Zone 1,2,3, ALL ON/ OFF
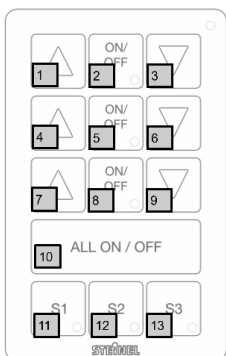
### DS3 DCS

1   Zone 1, ON, Dim UP/Down with slider

2   Zone 2, ON, Dim UP/Down with slider

3   Zone 3, ON, Dim UP/Down with slider

4   Zone 1, ON/OFF

5   Zone 2, ON/OFF

6   Zone 3, ON/OFF

### DS-SS3 DCS

1   Zone 1, Dim UP

2   Zone 1, ON/OFF

3   Zone 1, Dim Down

4   Zone 2, Dim UP

5   Zone 2, ON/OFF

6   Zone 2, Dim Down

7   Zone 3, Dim UP

8   Zone 3, ON/OFF

9   Zone 3, Dim Down

10   Zone 1,2,3, ALL ON/ OFF

11   Zone 1,2,3, Toggle, ON/ OFF, Dim Level 15%

12   Zone 1,2,3, Toggle, ON/ OFF, Dim Level 50%

13   Zone 1,2,3, Toggle, ON/ OFF, Dim Level 75%