

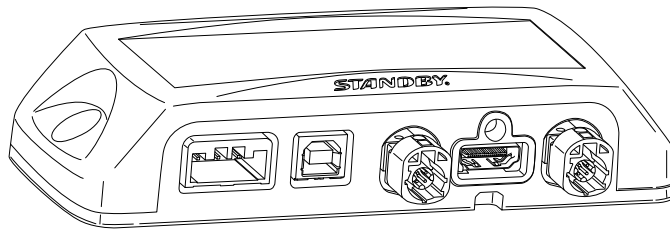
# Center Stack Display Switch (CSDS)

Thank you for choosing a product from Standby.

## Technical Data

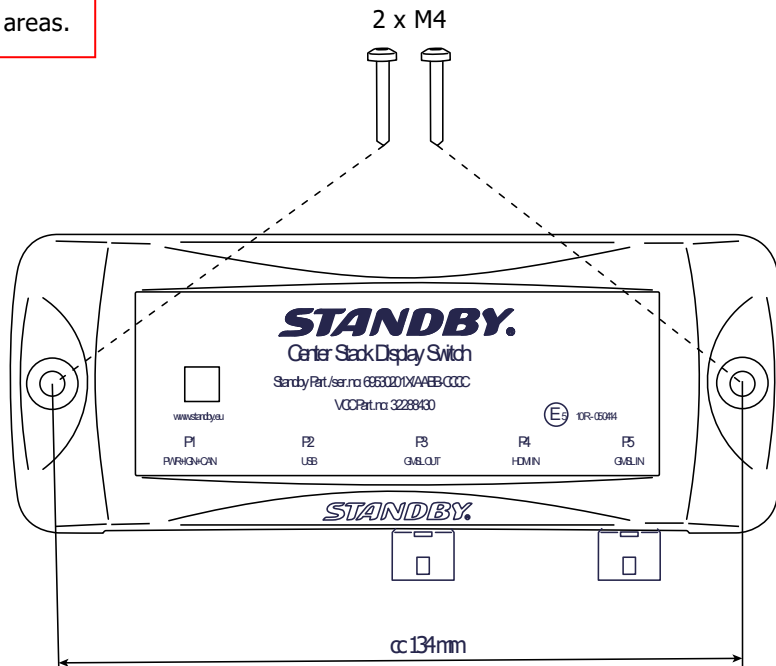
Supply voltage	+10–30 VDC	Dimensions	150x58x32 mm
Current consumption	200 mA / 12V	Mounting	Surface mounting, 2 x M4 screws
Recommended fuse	1 A	Approvals	ECE R10 (EMC) for 10-16V
Housing material	PC-PBT	Ambient temperature	-30°C to +70°C (operating)

## Included

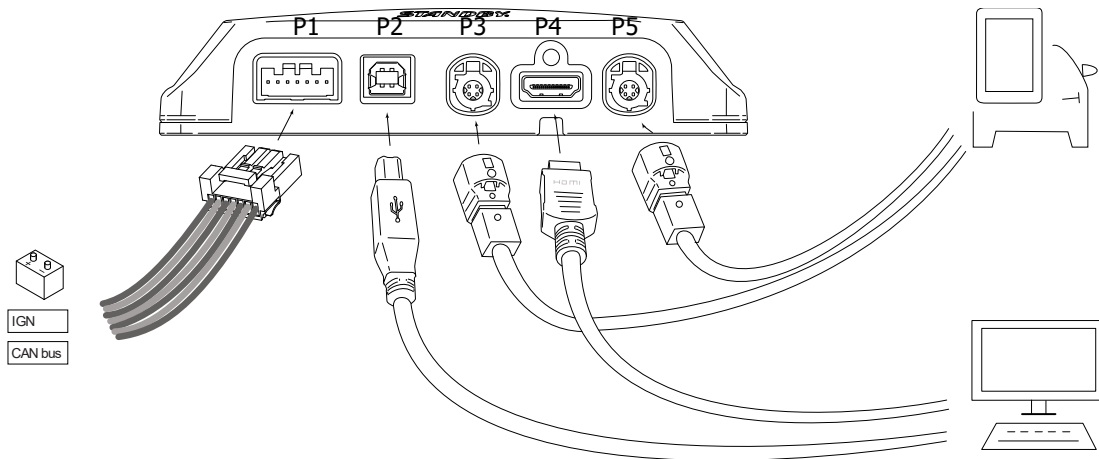


## Mounting

Only install in dry areas.

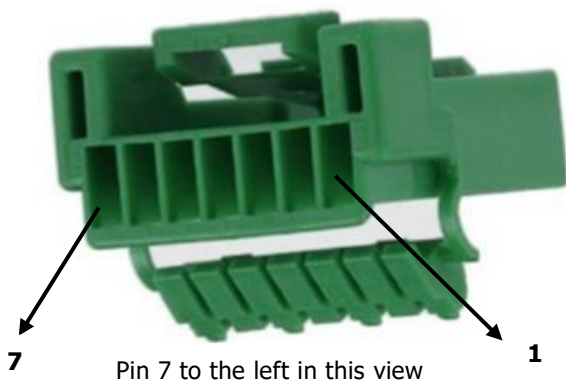


Connection



**P1 Connector - (Power+IGN+CAN)**

PCB connector: JAE IL-AG5-7P-S3L2  
 Cable connector: JAE IL-AG5- 7S-S3C1  
 Crimp contact: JAE IL-AG5-C1-5000



P1 PIN	FUNCTION
1	CANL
2	CANH
3	CANL
4	CANH
5	Ground (-)
6	Power Supply +9-16V
7	Ignition. CSDS wakes up when this is > 7V

**P2 Connector - USB**

USB Type B, high retention

**P3 Connector - GMSL out**

Connect to car display  
 PCB connector: Rosenberger D4S20D-40MA5-C  
 Cable connector: Rosenberger HSD type C

**P4 Connector - HDMI**

Connect to second image source  
 PCB connector: HDMI 1.4 compliant connector  
 Cable connector: HDMI 1.4 compliant connector. Possible to use cable with locking screw.

**P5 Connector - GMSL in**

Connect to infotainment head unit  
 PCB connector: Rosenberger D4S20D-40MA5-C  
 Cable connector: Rosenberger HSD type C

**Important information**

The CSDS unit has to be switched on for the original vehicle signal and the connected HDMI signal shall be shown in the vehicle screen.

The unit is switched on via the Ignition input or via Standby CAN.

Y-Harness with Standby part no 60580256 is needed to keep the original Volvo screen alive when the ignition is turned off. Connect the Y-harness in series with the original cable at the back of the original Volvo Screen and the "activation cable" shall be connected to plus (+) for keeping the screen alive.

## Software considerations

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**Operating system**

Compatible with Windows10 and Linux

**USB**

CSDS presents itself as a HID compatible Touch display.

It supports up to four simultaneous touch points and one button (Home button)

**HDMI**

CSDS presents itself as a HDMI 1.4 compatible display.

Resolution and timing data are available as EDID data.

Resolution is 768x1024. Note that this differs from the standard 1024x768.

Some Linux distributions might not support this resolution without manual configuration

## Switch information source

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To switch between original vehicle information and connected HDMI information double tap the button on the car display.