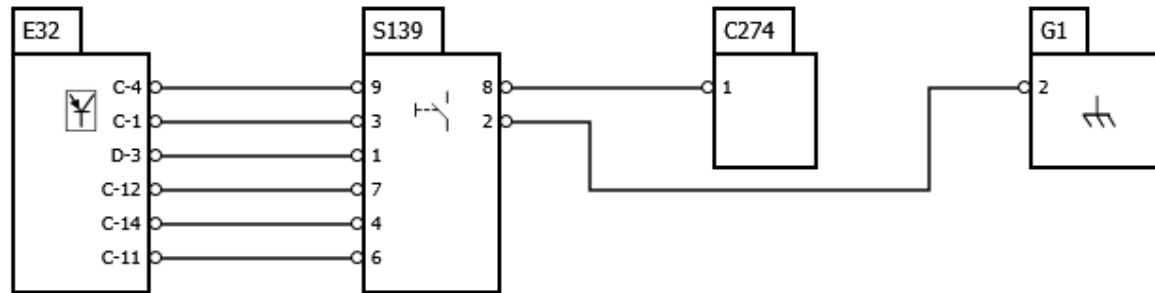


YS2R6X400E9183544 / VIS, Visibility system / E 32, CUV control unit / CUV1 / S, Switches / S139, Lighting switch module



S139, Lighting switch module

## S139, Lighting switch module

The role of the circuit is to control the main lighting, the hazard warning signal and headlamp levelling.

The circuit consists of three components: S1, S2 and S23. The main lighting switch, S1, is a rotary control which can be set in three positions. The control unit pins are grounded in different ways (combinations) depending on which position the switch is set to. This is interpreted by the control unit, which activates the selected lighting. If the combination is not permitted, a fault code is set. S2, switch for hazard warning light. During activation, a pin is grounded on the control unit, which the control unit interprets as meaning that the hazard warning signal should be activated. The control unit provides power to the LED in the button at the same time. The basic lighting in the button always comes on when the control unit is active. S2 can activate the hazard warning signal as long as there is battery voltage. The headlamp levelling switch, S23, is a rheostat with five fixed positions. Rotating the knob up or down changes the reference voltage to the control motors. The voltage to S23 comes from the same output as the dipped beam, which means that this function is only active when the dipped beam is on. Note: If the right-hand main beam fails, the right-hand dipped beam will automatically come on. This will result in the light being adjusted downwards, due to the control voltage from the left-hand dipped beam being 0 V. This is not a fault.

## Switched off parking lighting

Indicates that the control unit output is active. When the lighting switch is shut off, only this function should be active. When the lighting switch is in the parking position, this function is active at the same time as the parking lights are on.

## Switch, parking light

This function will be active when the switch for lighting is in the parking position. When the lighting switch is in the dipped/main beam position, this function will be active together with the parking lights.

## Switch, dipped beam/parking lights

When the lighting switch is in the dipped/main beam position, this function will be active together with the parking lights.

## Switch, hazard warning signal

When the switch is activated, this function will be active.

## Hazard warning signal

Indicates that the control unit output is activated.

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