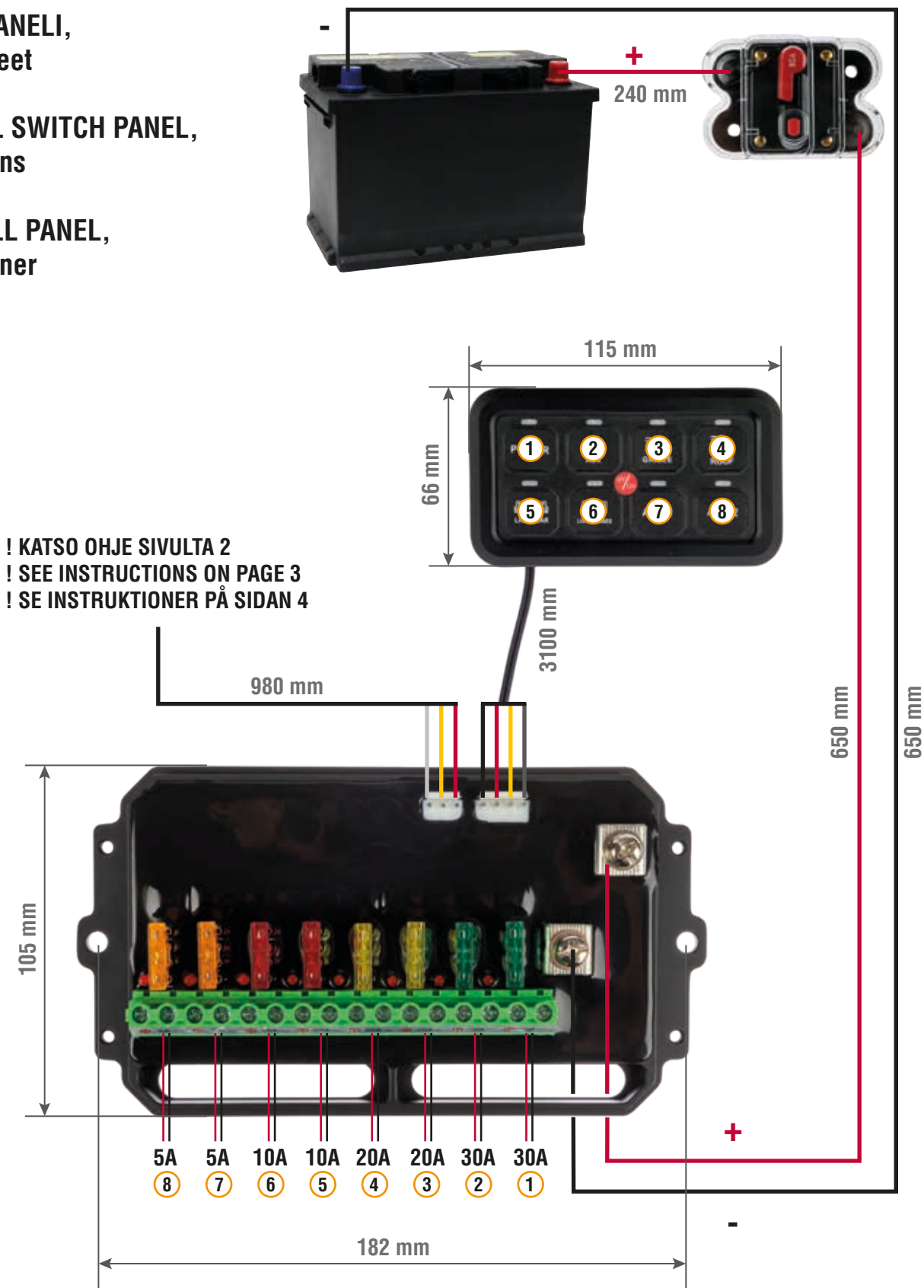


**1605-WK200**

**OHJAINPANELI,  
käyttöohjeet**

**CONTROL SWITCH PANEL,  
instructions**

**KONTROLL PANEL,  
instruktioner**



## 1605-WK200 OPTIBEAM CONTROL SWITCH PANEL

**Please read all instructions before installation.** If you are unsure about the installation, contact a professional.

This product is only intended for negative (–) -grounded vehicles with nominal voltage range of 12-24 V.

**With this control device you can control up to 8 different electrical devices**, e.g. work lights, auxiliary lights, warning lights, fans, heater up to 60 A.

The buttons on the controller work in an on/off type. One push activates one output channel and another push turns it off.

Connect the short red power cable to the circuit breaker and the other end to the (+) positive pole of the battery and the longer red cable as shown in the picture to the reserved place in the junction box. Make sure the screws are properly tightened.

Connect the black negative (–) cable to the negative pole of the battery or other grounding point and other end of the cable to the junction box in the place reserved for it as shown in the picture.

The 4-pin cable of the control panel is connected to the counterpart of the junction box with a ready-made plug. See picture.

A smaller 3-pole cable with open cable ends is connected with a ready-made plug to the connection box in the place reserved for it. See picture.

**The red wire is the controllers excitation wire.** Connect to an intermitted power ACC source, e.g. behind the ignition switch or another power source so the panel turns off when the vehicles power is cut. If you want the panel to work even when the vehicle is turned off, connect red wire with the fuse directly to the battery. This way there is a risk of draining the battery, though. The package includes a mini GM fuse splitter for connecting fuse box.

Fuse splitters are also sold separately for other common fuse models:

- 1569-190371: Micro 2
- 1569-190372: Micro 3
- 1569-190373: Micro Low Profile
- 1569-19036: Mini GM
- 1569-19037: GM

**The white wire can be used to change the controller's brightness level.** When the panel is ready fo use, quickly tap the wire on the + –signal. With each touch the light on the panel dims and brightens in cycles of 3 steps. By leaving the wire completely disconnected, the brightest level is in effect when some channel is active (optional function).

**The yellow wire acts as a memeory wire for backlight when the power is turned off.** It needs a continuos plus (+) -signal (optional function).

**Each channel has its own fuse size.** Always change to a smaller or equivalent size, never a bigger ampere size. Fuse model is common GM.

Measure the correct fuse size to meet the needs of the device being used.

Select the symbols that correspond to the intended use from the sticker sheets provided with the product and stick them onto the buttons of the control device.