LITTELFUSE® bistable automatic smart latching relay

IP67

It connects the battery banks (starting + services) when alternator/battery charger are working and it disconnects the banks when the charging system stops.

It stands power peaks (i.e. powerful inverters). In case of emergency battery banks can be connected with a simple switch control.

It complies with ISO 8846/SAEJ1171. Deutsch 6-pole DTM male connector.

▲ 14.921.35/36

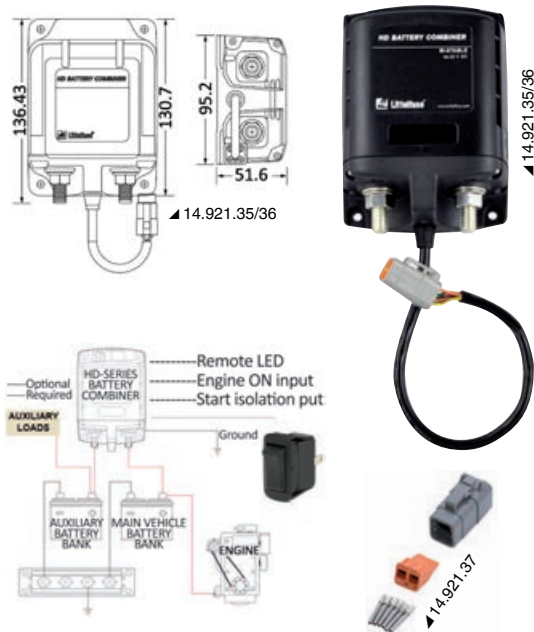| Code	V	Max capacity A		Control current	Relay contact position				
		for 10 sec	continuous		closes (30 sec) with voltage	closes (90 sec) with voltage	opens (10 sec) with voltage	opens (30 sec) with voltage	opens circuit
14.921.35	12	1500	300	40 mA*/6 A**	13.5 V	13.1 V	12.3 V	2.7 V	16.5 V***
14.921.36	24	1500	300	40 mA*/3 A**	27.0 V	26.0 V	24.0 V	25.5 V	32.4 V***

🔧 **14.921.37** *Deutsch 6-pole DTM female connector (DTM 06-65).*

📄 * *At rest*

** *In activation phase, 50 m/sec.*

*** *System protection*

New — Settable electric touch panel with CAN-BUS

MODULAR   **BACKLIGHT**   **AUTOMATIC FUSE**

Touch modular panel made of glass and with backlit symbols. It comes with 48 stickers indicating the different functions and to be applied under the glass so that the surface is smooth and gives a print-like effect.

▲ 14.691.04

▲ 14.691.06

Every switch can be set in 3 different modes:
- Traditional ON-OFF: press a key to activate/deactivate the relating function.
Ex. COCKPIT LIGHTS

- Temporary (ON)-OFF: this function is active only when the key is pressed.
Ex. 1: switch – HORN
Ex. 2: switches – WINDLASS UP/DOWN

- ALTERNATE ON-OFF: two keys can be set to activate a function and deactivate another and vice versa.
Ex.: BILGE PUMP IN MANUAL/AUTOMATIC MODE.

▲ 14.691.04/06

The keys are backlit in yellow when in standard mode, in blue when the function is active and in red in case of short circuit.
The panels are designed to be modular: if placed side by side in vertical and/or horizontal position, they look like a single built-in panel with 4, 6, 8 (4 + 4), 12 (6 + 6) switches and so on.
The connection between the CAN-BUS and the panel is wired by means of a quick fitting. 1.5-m cable and another 1.5-m extension cord can be added.
The MOSFET module is a protection against overloads and voltage inversions. The CAN-BUS is fitted with 4 or 6 thermal fuses that activate in case of short circuit (function key lit in red). The fuse can be reset automatically once the short circuit has been solved and the key is then lit in yellow.

▲ 14.691.06

▲ 14.691.90

CE-certified panels, IP67 protection degree.

Code	No. of switches	V	Circuit breaker power	|←→| panel mm	Installation bore Ø mm	|←→| control box mm	1.5-m extension cable
14.691.04	4	12/24	1x5A; 2x10A; 1x15A	62x62x10	16	100.5x152	**14.691.90**
14.691.05	4	12/24	2x10A; 2x20A	62x62x10	16	100,5x152	**14.691.90**
14.691.06	6	12/24	2x5A; 2x10A; 2x15A	93x62x10	16	100.5x152	**14.691.90**