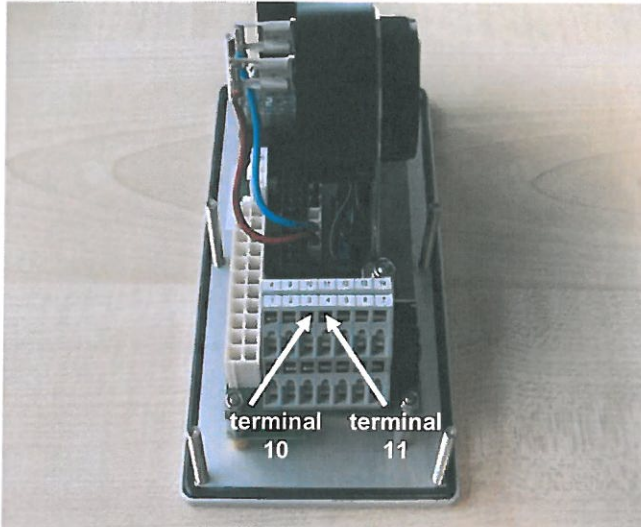


A 0.3 Electric, Battery, Gen.

Gruppe	Nummer	Version
A 0.3	smc-09-81 vwm-09-01	01

Engines with Sterndrive or reverse gear unit as well as with or without neutral switch

(A) Terminal strip X14



The terminal strip X 14 -see fig. **(A)** is arranged on the rear side of the Main- or rather the Mini-panel.

Here permanent positive and ignition on, ground and lighting can be taken off up to max. 2 amps.

If a neutral switch exists -see fig. **(B)** it will be connected here to clamp 10 and 11. The end cap with bridge sitting above the flywheel socket must be fitted. -see fig. **(C)**

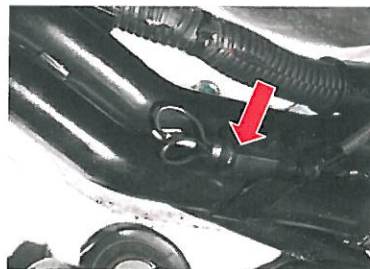
If a throttle without neutral switch is used, a bridge must be fitted between clamp 10 and 11. Otherwise the engine will not start and „Neutral“ is flashing in the rev counter.

With the small panel which only provides rev counter and ignition lock, only an X6 terminal strip is used (see terminal strip -A-, below). The throttle or the bridge will be connected here to clamp 1 and 2.

(B) Throttle with neutral switch



(C) End cap with bridge



Connection alternatives for the terminal strip of the control unit X14

- X14- 1 NMEA - A
- X14- 2 NMEA - B
- X14- 3 Instrument lighting
- X14- 4 speed signal external
- X14- 5 terminal 31 (ground)
- X14- 6 terminal 31 (ground)
- X14- 7 Cut-off relay D+
- X14- 8 terminal 15 (positive with ignition on)
- X14- 9 terminal 30 (permanent positive)
- X14- 10 Neutral from gearbox
- X14- 11 Neutral to central electric
- X14- 12 Neutral Flybridge
- X14- 13 K-Line (diagnosis)
- X14- 14 not used

