

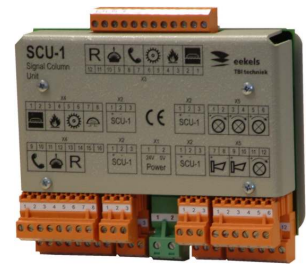
Electronic signal column with 2-wire system SCU-1K / SCU-1P / SCU-1



Type: SCU-1K



Type: SCU-1P



Type: SCU-1

Characteristics of the Electronic signal column

- Easy to extend
- Easy to install
- 2-wire system
- Standard cable
- Each lamp protected
- All classifications (including SBG)

In or around the engine room of ships it is very noisy, so extra signalling is necessary to reach the crew in this area. For this purpose all kinds of signal columns, horns and flashlights are used.

The new Eekels signal columns are based on the unit SCU-1. This unit has outputs for signal lamps related to input contacts and has central outputs for horns and flashlights. The unit has also serial outputs for connecting other SCU-1 units. Depending on the layout of the engine room one or more units are necessary to reach the crew on every position in the area.

The masterunit (selected by connecting two input terminals) receives all input contacts and the other unit's acts as slaves.

The SCU-1 unit can be used in customers own system and/or supply in combination with the panel signal column SCU-1P and the free mounting signal column SCU-1K.

Product range shipelectronics:

- Electronic telegraph TG-1
- Alarm system EAS 200/5
- Signal Column SCU-1
- Bow thruster control BTC





Technical specifications

	SCU-1K	SCU-1P	SCU-1
power supply X1	24 vdc tolerance -25% up to 30% (protected against polarity inversion)		
power consumption	maximum 300 mA excl. load (X2, X3, X5)		
protection	external maximum 10 A circuit breaker B-characteristic		
IP class	IP 44	IP 44	IP 20
manufacturer	Eekels Elektrotechniek B.V.		
temperature range	-15 °C up to +55 °C		
relative humidity	Maximum 90%		
inputs (digital) X4	6 x potential free contact 24 V / 8 mA		
input telephone X4 (7-8)	60 – 130 V (input isolated)		
serial connection X2	4 x SCU-1 / 1P / 1K		
output (signal lamps) X3	total 1,5 A	total 0,8 A	maximum 6 x 0,4 A (7W)
output (parallel) X5 (1-2,3-4)	maximum 3,0 A *)		
output X5 (5-6)	maximum 3,0 A *)		
output (parallel) X5 (7-8,9-10)	maximum 3,0 A *)		
output X5 (11-12)	maximum 3,0 A *)		
terminals	flexible maximum 1,5 mm ² / solid maximum 2,5 mm ²		
size hxwxd	600 x 200 x 800	144 x 144 x 135 mm	125 x 135 x 65 mm
mounting	wall mounting	panel cut out 138 x 138 mm	click on "DIN rail 0735"
output voltage (X3-X5)	maximum V supply – 1 V		

*) The available output power is limited to the input power.

Configuration

