

Marpower Signal Column System



According to regulations in the Marine & Offshore one should be notified as soon as a specific (dangerous) situation occurs. This is done with the use of signal columns that provide visual and auditory signals. Marpower has developed an installation-friendly and modern signal column. This innovative signal column saves up to 80% on installation and cable costs. Complete system(s) are fully available from stock.

In the design phase of the development of our innovative signal column is consciously chosen for an modular and robust design and at the same time a modern look. The complete configuration of the signal columns are easy to adjust without affecting its functionality and all materials used have a long lifespan.

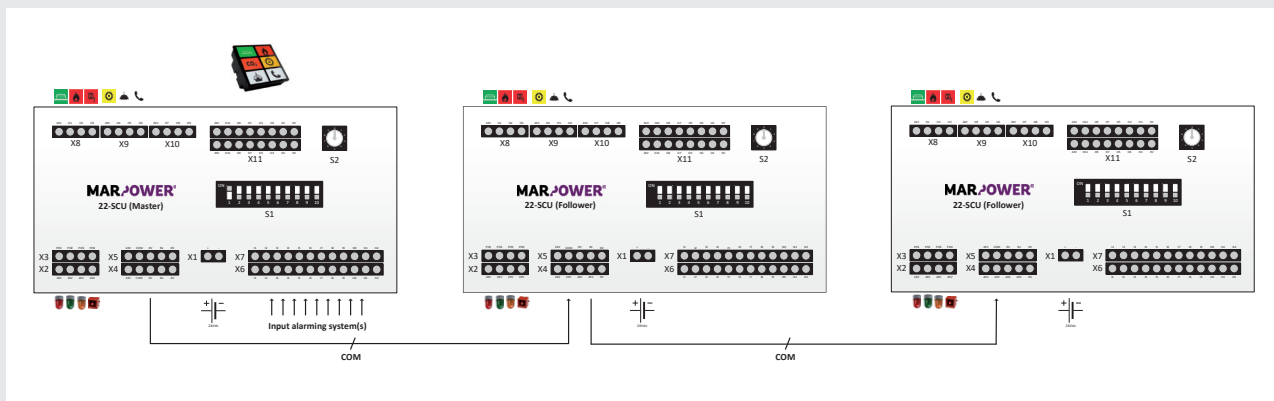
The system communicates by a 2-wire system. Because of this, installation costs, consisting of cable and man hours, can be reduced by up to 80%. Because the high modularity of our system we offer, if desired, self-employed assembly of the system. The system is certified by Lloyds and BV and is fully available from stock in any configuration.



Advantages of the Marpower Signal Column System

- ✓ Modern, modular and compact design
- ✓ Robust and reliable engineering
- ✓ Installation-friendly; saves up to 80% installation costs
- ✓ Communication by 2-wire-system
- ✓ Fully available from stock in any configuration
- ✓ Self-employed assembly available
- ✓ Lloyds and BV-certified

The signal column is part of the product range of Marpower Electronics. Other products from this group are the emergency telegraph and lamp monitoring module Licon. We also supply relay modules, earth-fault modules, UMS control units etc. for our Marpower Automation systems and control units for our Drive systems. The signal column is available in different versions and with different symbols, please contact us for the possibilities.



	22-SCU	22-K(X)	22-S-P(X)	F(X)	H(X)
Power supply	+24 Vdc (-25% ... +30 %), optional 100 Vac ... 240 Vac (45 Hz ... 65 Hz) optional 95 Vdc ... 250 Vdc				
Maximum current supply (cont. @ 24 Vdc)	< 300 mA excluding external load (X2, X3, X8, X9 and X10)	280 mA per symbol	< 300 mA	120 mA	105 dB: < 25 mA 112 dB: < 200 mA
Idle current consumption	< 300 mA		< 40 mA		
Protection	Anti-Polarity, ESD(600 V), Overload Outputs, External 10 A fuse C-type		Protected by 22-SCU		
IP class	IP 00 / ((with top-cover IP 30)	IP 55	IP 44 (front)	IP 66	IP 66
Manufacturer	Marpower				
Operating temperature range	-25 °C ... +70 °C	-25 °C ... +55 °C	-25 °C ... +55 °C	-30 °C ... +60 °C	-25 °C ... +55 °C
Maximum humidity	95% RH @ 55 °C	95% RH @ 55 °C	95% RH @ 55 °C	98% RH @ 60 °C	90% RH @ 20 °C
Input (digital)	9 x potential free contact 24 Vdc (NO / NC (configurable)	24 Vdc (switch to 0 V)	24 Vdc (switch to 0 V)	24 Vdc	24 Vdc
Output light fields	9 x 350 mA (switch to 0 V) total max. 3A				
Output horns	max. 3 A (switch to 0 V)				
Output flash lights	max. 3 A (switch to 0 V)				
Serial connection - COM	2/4 ports 3 (24 Vdc / 0 V))				
Terminal flexible wire	0,2 - 6 mm2 (with sleeve max. 4 mm2)				
Terminal flexible wire	0,2 - 2,5 mm2 (with sleeve max. 1,5 mm2)				
Terminal flexible wire	24 - 30 AWG (flat cable)				
Classification	BV / LRS				MED
Dimensions (H x W x L) in mm	60x144x128	excl. mounting brackets 166x177x243 (K3) 166x177x478 (K6) 166x177x713 (K9)	65 x 144 x 144	85 Ø x 130	
Weight g (approx.)	226	incl. mounting bracket 2770 (K3) 5250 (K6) 7730 (K9)	310 (incl. cable 510)	excl. mounting plate 170	excl. mounting frame 750 (105 dB) 1800 (112 dB)
Color		RAL 7047 (grey)	RAL 9005 (black)	Various	RAL 3000 (red)
Mounting	DIN-Rail 35	Wall 4x M8 with 2x mounting bracket	Panel cut out 138 x 138	Separate mounted or with frame on column	Separate mounted or with frame on column