

SKAKOTROL / SKAKOPAC

Controllers for Electromagnetic Vibrators

SKAKOTROL:

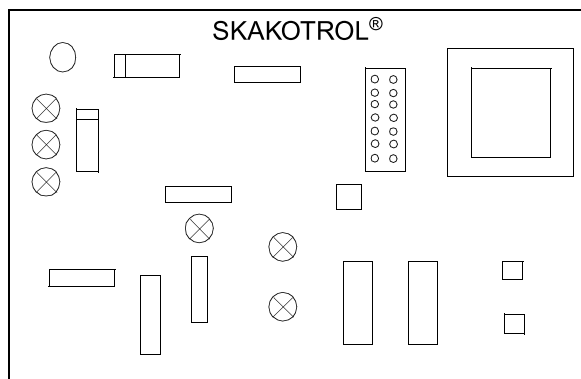
SKAKOcontROLLER is an electronic controller designed for controlling and regulating **SKAKO** electromagnetic vibrators.

- > Capacity stabilised:
 - The rated voltage of the print card is designed for voltage deviations within the indicated area.
 - Stabilised against variations in ambient temperature (0-40 x C).
- > Softstart
- > Capacity regulation:
 - Potentiometer for infinitely variable regulation (0-100%).
 - External signal 0-20mA*
 - External signal 0-10V*
- > Frequency deviation of $\pm 0.5\text{Hz}$.

SKAKOTROL is delivered either as a complete control unit built into a box or as a module installation in an existing panel.

SKAKOTROL print card is delivered with:

- Light-emitting diode (LED) - (for fault finding).
- Euro-card 100 x 160 with DIN standard plug or card 100 x 170 with terminal points.



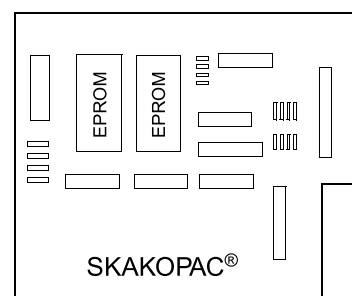
SKAKOPAC:

SKAKO Programmable Adaptor for Computer regulation is a controller and regulation print board for fitting on to the on to the SKAKOTROL print card.

- > Frequency compensation.
- > Cable length compensation.
- > Capacity regulation:
 - External signal 4-20mA*
 - External 2-10V*

Frequency compensation provides the option of compensating deviations in mains voltage. Power supply deviations may cause damage to the machine or substantial deterioration of the capacity. Can be adjusted within 49-55Hz or 59-64Hz.

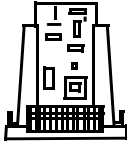
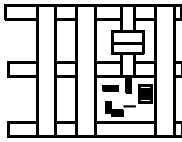
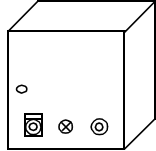
Cable length compensation provides the option of compensating for cable length and the cross sectional area. This makes it possible to increase the cable length between the control unit and the machine.



* By control from PC or PLC without galvanic separated control signal, the max. capacity of the vibratory equipment will be reduced by 20%.

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Controllers for Electromagnetic Vibrators

TYPE	C	D AND D2	C, D, and D2
			
PROTECTION CLASS	IP00	IP00	IP55
Dim. (H x W x D)	150x220x260mm	D 400x270x260mm D2 600x600x260mm	C 400x400x260mm D 400x400x260mm D2 600x600x260mm
Rack (IP00) Baseplate (IP55)	SKAKOTROL print C or CX Terminal for control signal (0-20mA/0-10) Terminals	SKAKOTROL Fuses Lamp transformer Relay for remote On/Off* Terminal for control signal (0-20mA/0-10)	SKAKOTROL print C, CX, D or E Fuses Lamp transformer Relay for remote On/Off* Terminal for control signal (0-20mA/0-10) RFI, noise filter acc. EMC (EN 50081-2)
Components (IP00) Door (IP55)	Potentiometer	Main isolator Potentiometer Aut./Man. switch Lamp	Main & safety isolator Potentiometer Aut./Man. switch Lamp
Box			Himel type CRN IP55 RAL 7032 Silicon Grey
Accessories (optional)	1), 2), 3), 4), 5)	1), 2), 3), 4), 5)	1), 2), 3), 4)

* To be specified by ordering: 24 V AC/DV, 100V, 120V 240V AC

1) SKAKOPACK

2) Main/dripfeed

3) Potentiometer for local/remote control, max. 80 m

4) Isolation amplifier for galvanic separated analog interface

0-20 mA or 0-10V or 4-20mA or 2-10V

5) RFI, noise filter acc. EMC (EN 50081-2)

CONTROL TYPE	PRINT CARD TYPE	VOLTAGE V	NET FREQUENCY Hz	VIBRATOR TYPE	WORKING FREQUENCY Hz		
C	C	230 (220 - 250)	50	4D, 8D	50		
		-	-	20D	50/25		
	400 (360 - 440)	-	-	60	4D, 8D	60	
			-	-	20D	60/30	
		-	-	50	4D, 8D	50	
			-	-	20D, 50D	50/25	
		-	-	460 (430 - 500)	-	4D, 8D	50
			-	-	20D, 50D	50/25	
		-	-	480 (430 - 500)	-	4D, 8D	60
			-	-	60	20D, 50D	60/25
CX	-	230(200 - 250)	50	50D	50/25		
	-	-	60	-	60/30		
D	D	230 (220 - 250)	50	100D	50/25		
		-	60	-	60/30		
		400 (360 - 440)	50	-	50/25		
		460 (430 - 500)	-	-	-		
		480 (430 - 500)	60	-	60/30		
D2	E	230 (220 - 250)	50	2x100D	50/25		
		-	60	-	60/30		
		400 (360 - 440)	50	-	50/25		
		460 (430 - 500)	-	-	-		
		480 (430 - 500)	60	-	60/30		

Please contact us for further information regarding exact dimensions and installations.