Vibrator Control RSP1
with Time addition

RSP1

Part numberr: **Z224305**

ohne BR 1/2 ➞ kein Intervall-Rütteln
BR1 — 5 mal
BR2 — 15 mal
— externer Rüttelbefehl

T0 = Gesamtlaufzeit Absaugung   4 - 120 min
T1 = Austrudelzeit   10 - 300 sec
T2 = Intervall - Rütteln   1 - 30 sec
T3 = Intervall - Pause   1 - 30 sec
T4 = Dauerrüttelzeit   10 - 300 sec

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The vibration control RSP1 is a compact multiple timing relay for capturing operation times of suction plants and for triggering vibrators.

It provides optimal control of the vibration device by collecting of operating times of up to 3 suctions

- addition of the running time of 1, 2 or 3 suctions.
- introduction of vibration procedure after having reached the set total time (adjustable 4 to 120 min.) and after completion of the last suction operation.
- external vibration command by closing a contact, e.g. by filter monitoring work
- spintime adjustable 10 to 300 sec.
- interval vibrations 5, 15 or 20 times (disconnectable)
- interval vibration time (adjustable 1 - 30 sec.)
- interval break time (adjustable 1 - 30 sec.)
- continuous vibration (adjustable 10 - 300 sec.)
- no vibration during suction operation.
- if vibration procedure is interrupted (e.g. by switching on suction), the same will be recommended at the next possible opportunity.

with variable programs for vibration procedures (spintime, interval- and permanent vibration) and programmable vibration periods. LED displays provide information about the operational state at any time.

All times are permanently saved in an EEPROM. Thus the accumulated operation period of the suction operation saved when switching off the supply voltage, e.g. during the night or weekend.

Features:
- inputs for up to 3 suctions.
- permanent saving of all times in the EEPROM.
- LED-display
- 2 pushbuttons for programming.
- coding switch for adjustment of all times
- RESET-button, resets operation period to zero or interrupts a running vibration procedure.
- VIBRATION-button, starts vibration procedure (only if suction is not active).

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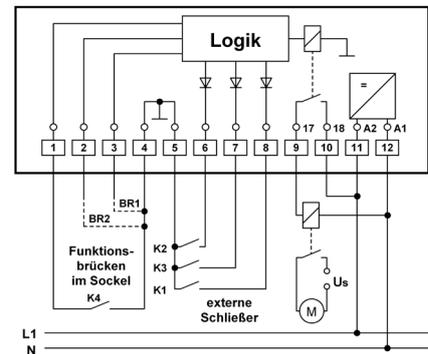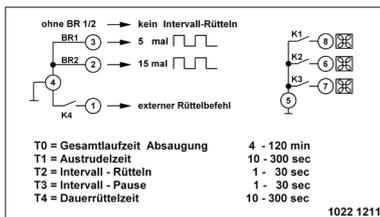
Technical Data

Supply voltage U$_s$	AC 220 - 240 V, ± 10%, 50/ 60 Hz, < 3 VA
Relay output	1 NO
Contact type	**type 2** see "general technical informations"
Test Conditions	see "general technical informations"
max. ambient temperature	-20°C...+55°C
Inputs	
Contact 6, 7, 8 against 5	approx. DC 24 V/3 mA
Contact 1 against 4	approx. DC 5 V/5 mA
Casing dimensions (W x H x D)	Design S 12: 41.5 x 82 x 121
Protection housing/terminals	IP 30/ IP 20
Mounting	on 35 mm standard rail according to EN 60 715 or with M4 screws.
Weight	approx. 300 g