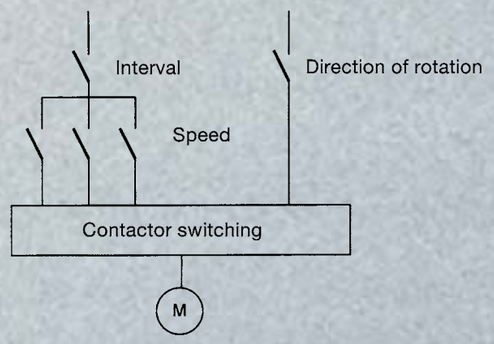
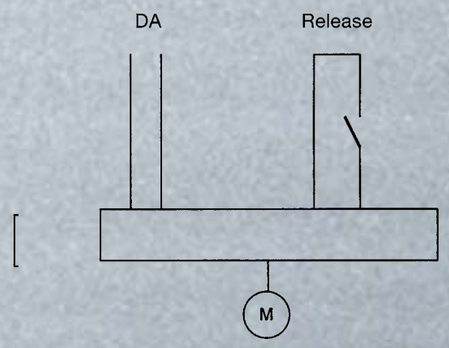
Outputs

Type of Drive I

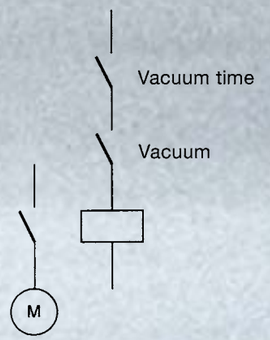


Drive motor I

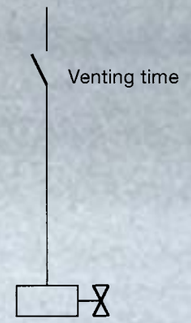
Type of Drive II



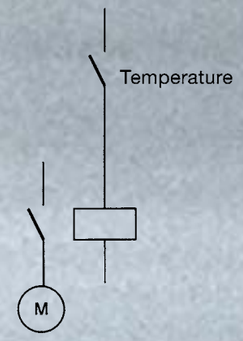
Drive motor II
with electronic rpm control



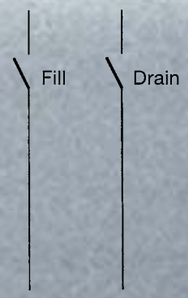
Vacuum pump



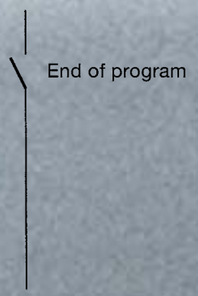
Venting valve



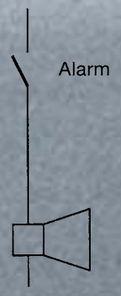
Cooling unit



Fill / Drain



Recognition of end of program



Alarm

HINRICHS
ELECTRONIC
VISIONS FOR THE PRESENT

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Interval time control I5

Programmable time controls for mixing and blending machines

Type	Programmable interval time control I5
Applications	Mixing and blending machines for the food industry
Features	Robust, reliable, trouble-free, long life
Standard functions	99 programs, freely programmable, each program has another eight freely programmable subroutines (sequences) Interlinking of directly successive programs Manual operation of individual functions Plausibility check for values input during programming
Particularities	Real time clock (time and date) Code lock (protection against unauthorized modification of created programs) Battery buffering (data preservation of programs chosen) Product data acquisition (optional software package for logging of all parameters during a program flow)

Programming modes	Setting range
Lead time	1 minute to 99 hours 59 minutes
Total time	1 minute to 99 hours 59 minutes
Compounding time	1 second to 99 hours
Interval time	1 second to 99 hours
Vacuum time	1 second to 99 hours
Venting time	1 second to 99 hours
Vacuum time	Combination of vacuum time and venting time, programming within total time, compounding time or interval time
Vacuum	Acquisition and evaluation of the vacuum in the drum, measuring range (display) from 0% to 100% in 5 increments, setting range from 0% to 100% in 5 increments
Speed (acc. to model)	3 speeds via floating relay outputs 99 speeds for infinitely variable rpm control via DA transducer output
Direction of rotation	left, right
Temperature monitoring	Acquisition and evaluation of temperature from drum contents, measuring range (display) from -99°C to +28°C in increments of 1°C, setting range from -25°C to +25°C in increments of 1°C

Technical data	
Supply voltage	24V AC (+/- 10%) 220V AC (+/- 10%)
Current consumption	max. 20A
Frequency	49.5Hz - 60.5Hz
Operating temperature range	-10°C to +45°C

Connections	Connection of a PT 100 sensor for temperature monitoring Hose connection for integrated vacuum sensor Printer connection for logging entered programs Serial interface for special functions (option) DA transducer for infintely variable rpm control of drum drive motor (option), 4 - 20mA, 0 - 5V, +/- 5V, 0 - 10V, +/- 10V

Outputs	Floating relay outputs (center-zero relay)
Contact materials	Silver cadmium oxide
Contact load	max. breaking voltage 300V DC / 250V AC, max. switching surge 1A, max. breaking capacity 200W / 200VA

Inputs	8 galvanically separated input stages
Input voltage range	12V - 48V AC/DC

Case	Rack mounting case
Case material	to DIN 4370 of heat-resistant Noryl SE 1
Dimensions	L 194mm, W 144mm, H 110mm
Weight	abt. 2400 g
Colour	black
Front foil	in German and English, other languages and company logos on request