



NSL60

Motor operating mechanism

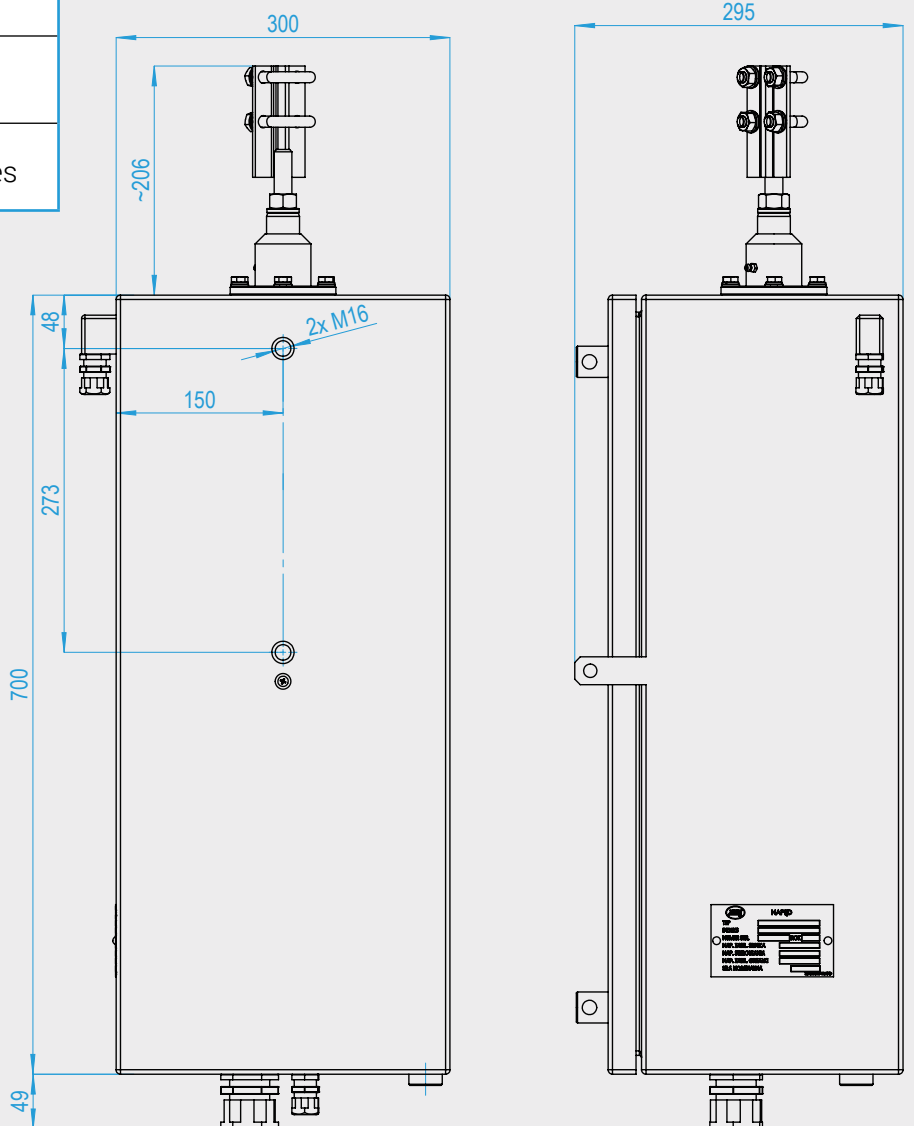
Characteristic

- Narrow, tight-knit construction adapted for the demands of traction grid
- Full fungibility with ONS/WST drives (compatibility of the electric scheme and mounting holes)
- Possibility of completing the drive with additional accessories e.g. auxiliary contact, electromagnetic interlock
- Verified, durable mechanical construction
- Maintenance-free operation
- Reliability in difficult conditions, proven by long-standing usage in Polish energy production sector
- Possibility of cooperation with disconnectors of other producers
- Manual operation available in the occurrence of a voltage loss
- Isolating transformers as an additional protection

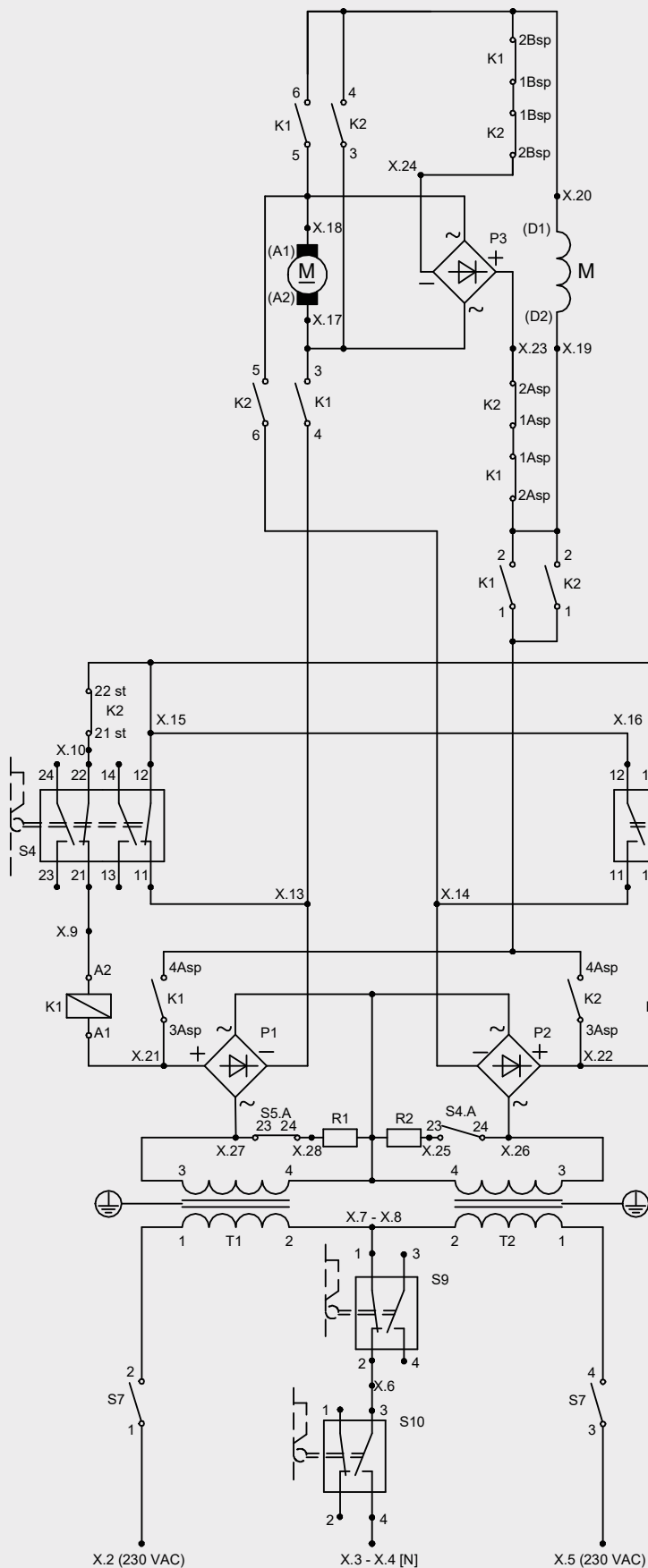
Specification

No.	Parameters	Value
1.	Rated voltage - serial motor	230 [VAC]
	- contactor coil	220 [VDC] 230 [VAC] 110 [VDC] 110 [VAC]
	- heater	230 [VAC] 220 [VDC]
	- electromagnetic interlock	220 [VDC] 110 [VDC]
2.	Rated power - serial motor	300 [W]
	- contactor coil	7 [W]
	- heater	25 [W]
3.	Maximum axial force	6.5 [kN]
4.	Max. conductor cross-section for connection of terminal strip	4 mm ²
5.	Protection degree of enclosure	IP 54
6.	Rated mechanical strength	2000 cycles

Dimension drawing



Electric scheme



- S4 – Limit microconnector – upper
- S5 – Limit microconnector – lower
- S7 – Control type connector (remote – manual)
- S9 – Microconnector ‘manual crank’
- S10 – Microconnector ‘open door’
- K1 – Opening contactor
- K2 – Closing contactor
- T1 – Isolating transformer
- T2 – Isolating transformer
- P1 – Diode rectifier
- P2 – Diode rectifier
- P3 – Diode rectifier (breaking)
- M – Serial motor
- R1 – Resistor 100 Ohm, 10W
- R2 – Resistor 100 Ohm, 10W