

Outdoor motor drive

Nts 24-2

APPLICATION

Traction outdoor drive Nts 24-2 is designed for remote and local opening and closing switches in the traction lines. The drive enables the opening and closing of the traction couplings by means of a sliding motion of the tubular tendon. The use of a trapezoidal screw means that the drive is characterized by a high mechanical force. The mechanism is placed in an aluminum powder coated cabinet. It is attached to the traction pole by means of suitable structures. In the case of emergency crank maneuvering, the drive is electrically locked to prevent it from being started. The drive can be equipped with a separating transformer to eliminate the return path to the shock current.



ADVANTAGES

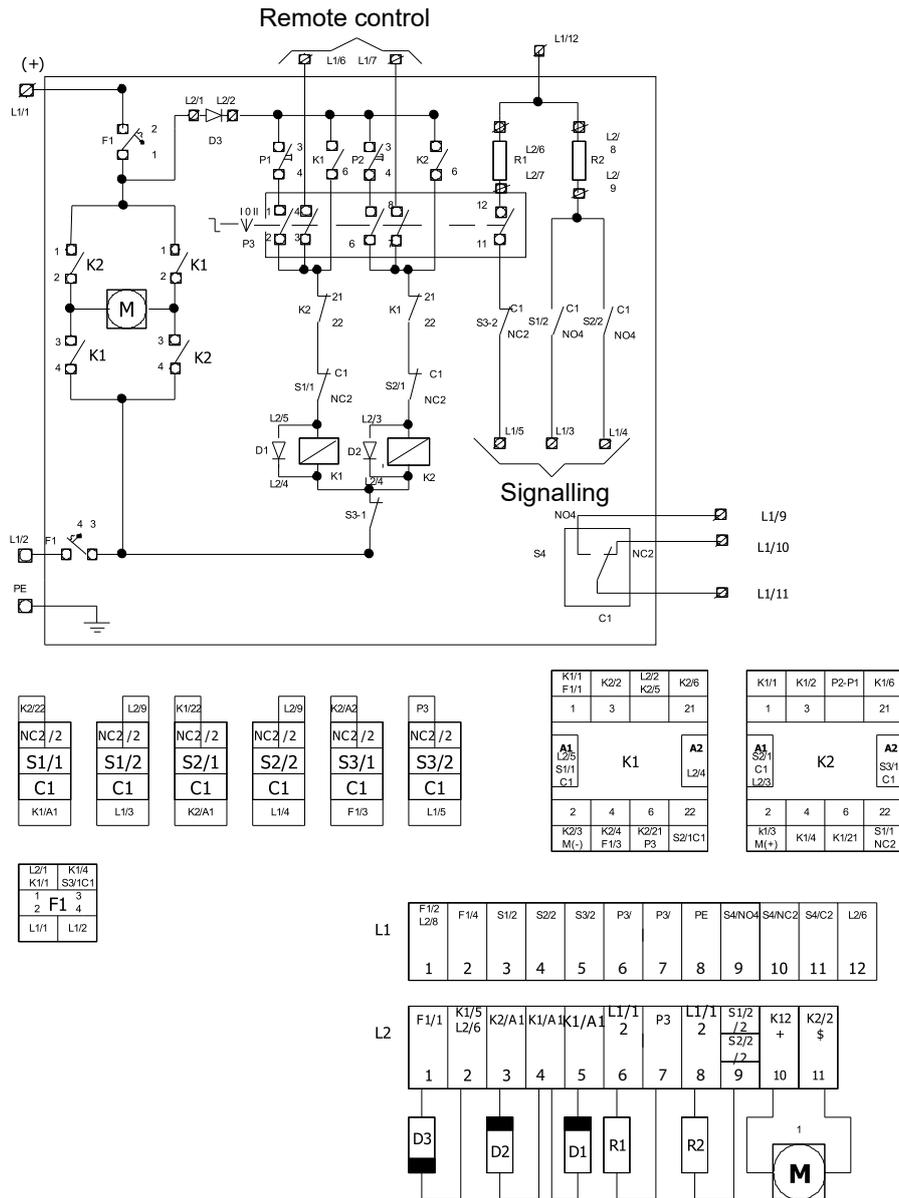
- » high mechanical durability
- » high strength allows the movement in difficult weather conditions
- » easy tuning of the drive to the connector – smooth adjustment
- » the ability to manually move the crank in emergency situations

TECHNICAL DATA

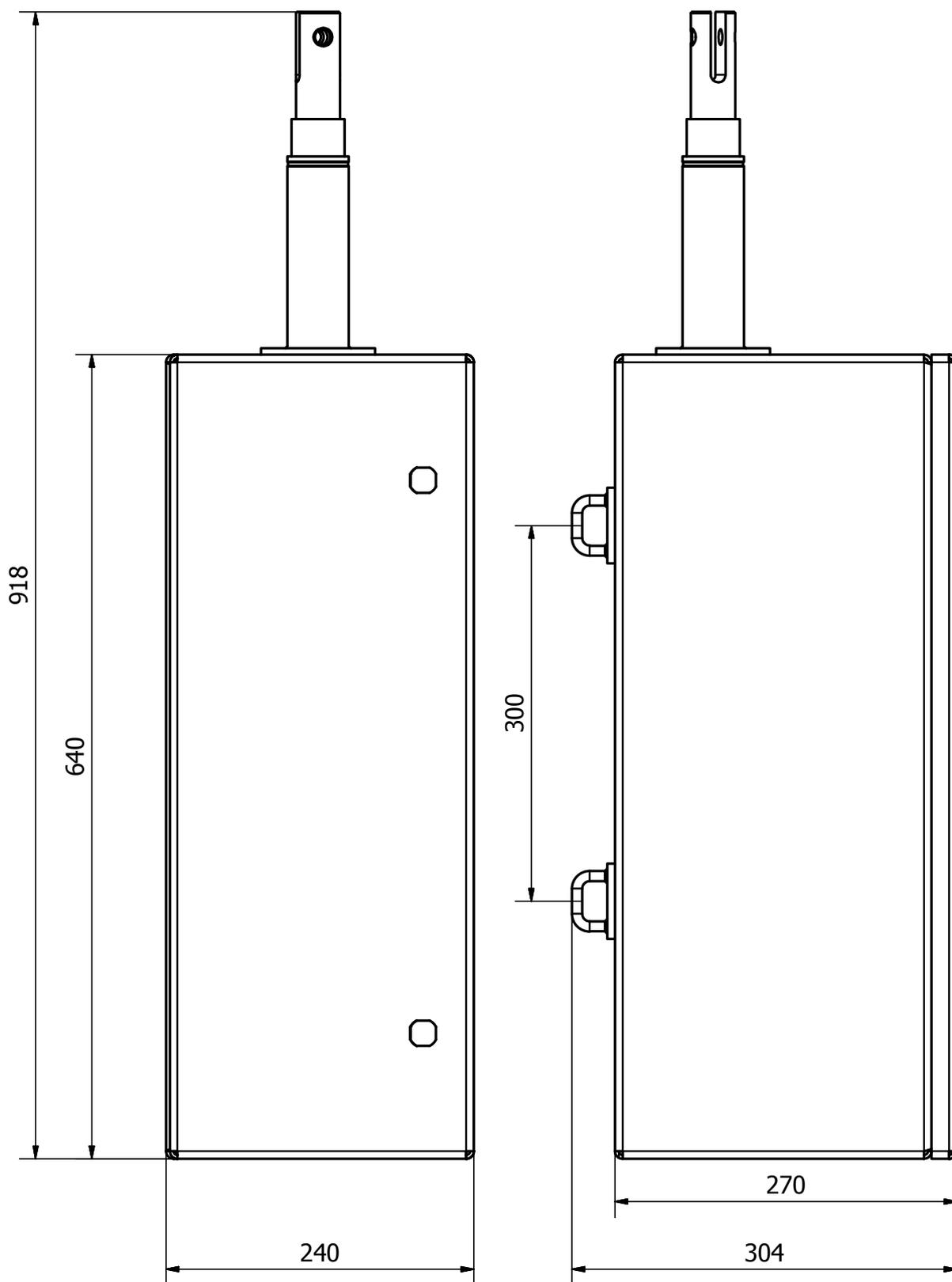
PARAMETER	VALUE
Type of drive	Nts
Rated supply voltage	24 VDC
Operating voltage range	[0,85 - 1,1]
Average current consumed by the drive loaded	16 A
Level of protection	IP 55
The average cycle time	2,5 s.
Max. jump of connector of the string	160 mm
Weight limit	1600 N
Dimensions	240 x 270 x 640
Weight	24 kg

TECHNICAL DRAWINGS

WIRING DIAGRAMS



S1	Connector "switch"	F1	Circuit breaker
S2	Connector "disconnect"	K1	Contactors "switch"
S3	Connector of locking system of the drive	K2	Contactors "disconnect"
S4	Connector of the drive's door (burglary)	D1, D2, D3	Rectifier diodes
P1	The button "to switch"	M	Motor 24 VDC 300 rpm
P2	The button "to disconnect"	R1, R2	Resistors 1 k Ω/5 W
P3	Control switch – local/ remote	L1, L2	Terminal strips



Dimensions of Nts 24-2