

DISCONNECTOR DRIVES



DISCONNECTOR DRIVE FUNCTION monly supplied disconnectors.

The drives are divided in two categories - manual and motor driven. Elektroline offers various adjustments of the motor drives, e.g. termination element of the operating rod, lockability, electrical connection, etc.

Manual drives differ according to the used type of the handle.

TYPES OF DISCONNECTOR DRIVES

			clevis	shaft	bows	material	stroke*	weight
	manual drives	Manual disconnector drive - handle (Bz)			•	BzAl	200 mm	8 kg
		Manual disconnector drive - handle (HDG)			•	HDG		
		Manual disconnector drive - handle with a lock (StSt)			•	StSt		5 kg
		Manual disconnector drive - handle on the wall (HEB) HDG			•	HDG		
		Manual disconnector drive incl. box on the mast			•	HDG		10 kg
motor drives	24 V DC	Disconnector motor drive 24 V DC (PT)		•			190 mm 140 mm 190 mm	22 kg
		Disconnector motor drive 24 V DC 3-modes of operation (PT)		•				
	90 V DC	Disconnector motor drive 90 V DC		•				
	110 V DC	Disconnector motor drive 110 V AC		•				
	230 V AC	Disconnector motor drive 230 V AC 3-wire	•					
		Disconnector motor drive 230 V AC 5-wire (PT)		•				
		Disconnector motor drive 230 V AC 5-wire (Railway)	•					
		Disconnector motor drive 230 V AC 4-wire (Railway)	•					
		Disconnector motor drive MP16	•					

^{*} Adjustable range of the stroke is 140 - 250 mm

The drive has a narrow, modern profile, allowing its placement into a HEB or central pole, where it does not interfere with the vehicle envelope profile. The drive can be mounted on any type of pole - round, braced, polygonal, etc. Controlled devices are connected to the drives by the operating rods.

The box and the case of the drive are made of non-flammable material.

Tubes for the adapter of rods are plastic. The rods are made of galvanized steel or fiber-glass (insulated) with Ø 27 mm. Range of the adjustable drive extension for the terminal switches is from 140 to 250 mm.



The most important feature of the drive is a powerful linear motor along with the terminal switches of positions and a sensor for indication of the removed cover.

For safety reasons, the motor is blocked when the cover is removed. In order to shift it for maintenance, it is necessary to unblock it. The connecting screw terminal is located in the bottom part.

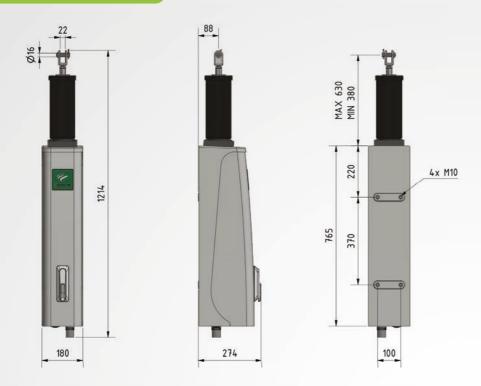


If necessary, the motor drive can be controlled manually with a handle.

The standard colour design is in grey (RAL 7035). It can be made also in other RAL shades at customer's request.

The lockable door mechanism, connecting rod adapter or bushing of the connecting cable can be modified too.

BASIC DIMENSIONS



TECHNICAL SPECIFICATION

Total maximum weight of the drive is 25 kg. Minimum service life is 20 000 cycles. Standard stroke is 190 mm, adjustable up to 250 mm. Stroke speed is 37 mm/s.

This product complies with the following tests:













Elektroline Inc. K Ládví 1805/20 184 00 Prague 8 Czech Republic

phone + 420 284 021 111 info@elektroline.cz www.elektroline.cz