

Rotary actuator for butterfly valves
EXT-HH-D6..D (DN700..1200)

- Torque motor 5000..20000 Nm
- Nominal voltage AC 415 V
- Control open/close, modulating



Type overview

Type	Torque [Nm]	Control	Feedback signal	Running current of motor [A]	Motorpower for reference [kW]
EXT-HH-9034/27/KF	20000	modulating (DC 4..20mA)	DC 4..20mA	5.00	1.5
EXT-HH-9033/28/KF	10000	modulating (DC 4..20mA)	DC 4..20mA	2.60	0.75
EXT-HH-9032/25/KF	5000	modulating (DC 4..20mA)	DC 4..20mA	2.00	0.37
EXT-HH-9034/27/JF	20000	Open/close	Open/close	5.00	1.5
EXT-HH-9033/28/JF	10000	Open/close	Open/close	2.60	0.75
EXT-HH-9032/25/JF	5000	Open/close	Open/close	2.00	0.37

Technical data

Electrical data	Nominal voltage	AC 415 V
	Nominal voltage note	±10%
	Nominal voltage frequency	50 Hz
	Nominal voltage range	AC 374...456 V
	Connection supply / control	M33 cable connector, screw terminals
	Feedback sensitivity	1.5% input signal
Functional data	Running time motor	75 s / 90°
	Manual override	Handwheel
	Position indicator	Top mounted domed indication
Safety data	Degree of protection IEC/EN	IP67
	Ambient temperature	-20...60°C [-4.0...140°F]
	Ambient humidity	5..95% RH (non-condensing)
Material	Housing	Cast iron
	Gear train	Steel
	Motor protection	Class F

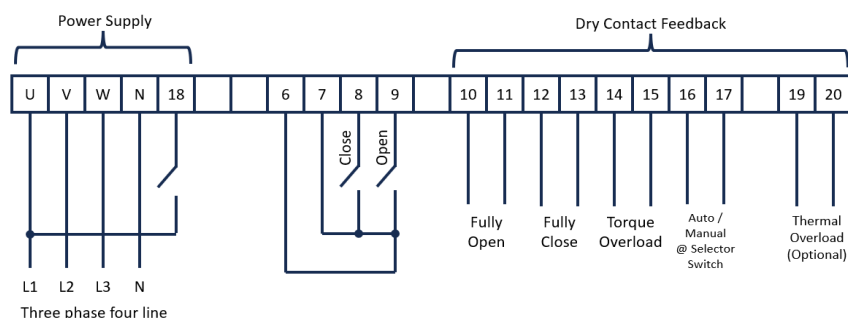
Safety notes



- Caution: Power supply voltage!
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied with during installation.
- The device contains electrical and electronic components and must not be disposed of as household refuse. All locally valid regulations and requirements must be observed.

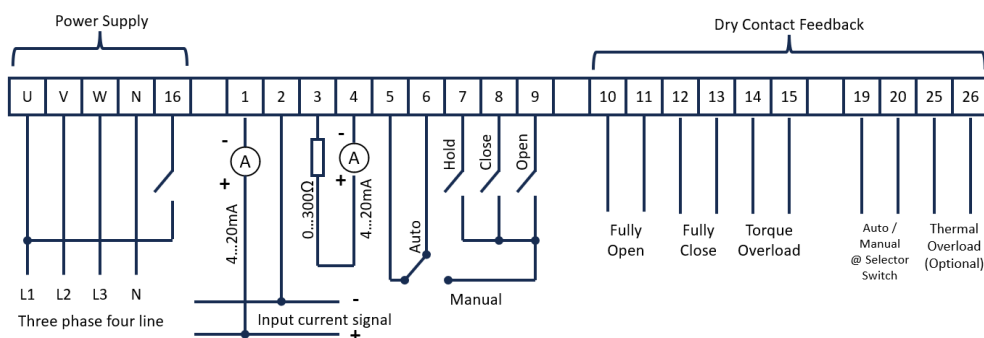
Wiring diagrams

Open/Close



Note: Terminal 18 is for dehumidifier. Recommended to install On/Off Switch to control.

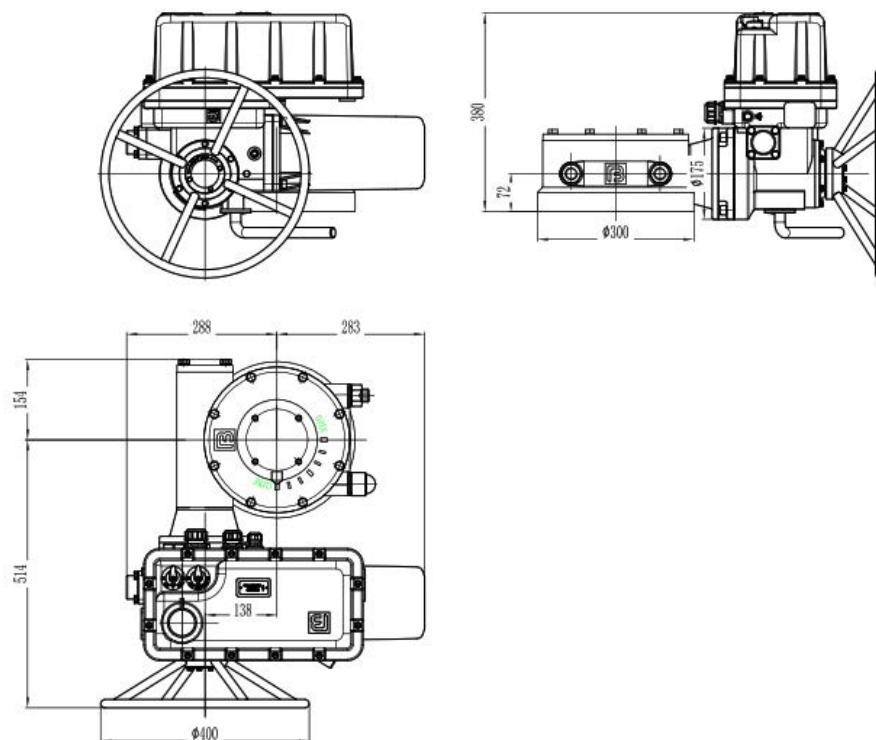
Modulating



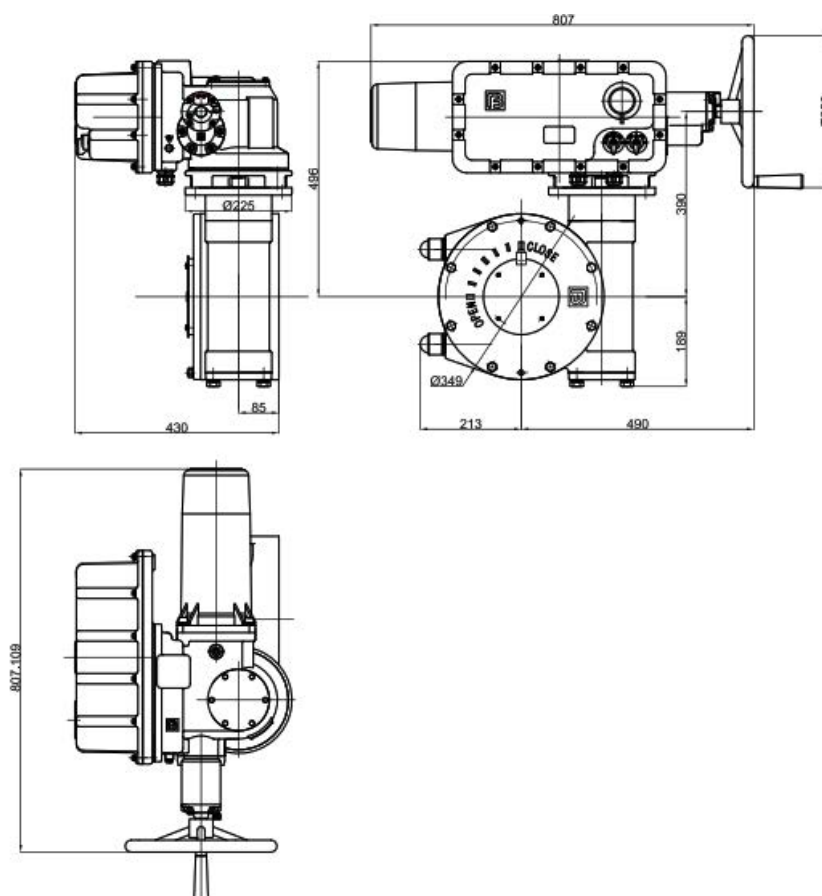
Note: Terminal 16 is for dehumidifier. Recommended to install On/Off Switch to control.

Dimensions [mm]

EXT-HH-903225JE



EXT-HH-903326JE



Dimensions [mm]

EXT-HH-903427JE

