

BASICLOGO

CONTROL UNITS AND COMPONENTS

- Proven and solid control technology
- User-friendly handling
- Integrated standard functions optimised for requirements
- Expandable functions
- Usable down to -20°C without heating
- Large range of level controls
- Functions optimised for pressure drainage systems



DESCRIPTION

Electronic control unit for level control of one (AD) or two (BD) d.o.l. starting submersible pump(s).

The BasicLogo with the standard features meets all the necessary requirements for the reliable control of sewage pumps. It can be adapted to individual requirements and is suitable for use with both non explosion protected and explosion protected submersible pumps (AD/BD ...Ex types).

The control unit can be combined with a large variety of different level controls to suit the application concerned, and it is supplied with a buzzer as standard with a facility for off the line operation.

All AD/BD ...ExM control units have a run dry protection (DRP) and an integrated static air level control with two independently operating pressure switches, which ensure high operating safety and low maintenance and therefore lower costs. In addition, the control units have a facility to adjust the pump follow-up time and start-up delay after a power failure, thereby optimising the pressure drainage system.

All BD types (for two pumps) automatically start up pumps 1 and 2 alternately. The resting pump is switched on during peak load or fault. Alternative operation of the unit without peak load function is possible, but with automatic switchover to the standby pump in the event of a fault. Variegated automatic start delay time after a power failure to prevent extreme rushes of current.

The clear and robust design of the unit enables it to be used outdoors in an empty outdoor casing at temperatures as low as -20°C without the need for any heating.

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ELECTRICAL DATA

Type of enclosure	IP 44
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BASICLOGO

Type	Code No.	Voltage	Motor protection	Vorsicherung	HxWxL[mm]
Control for 1 pump					
AD 00	JP00311	1/N/PE~230 V	-	16 A	270 x 250 x 155
AD 00 E	JP00289	3/N/PE~230/400 V	-	16 A	270 x 250 x 155
AD 25	JP00310	3/N/PE~230/400 V	2.4 ... 4 A	16 A	270 x 250 x 155
AD 46	JP14353	3/N/PE~230/400 V	4 ... 6 A	16 A	270 x 250 x 155
AD 610	JP14354	3/N/PE~230/400 V	6 ... 9 A	16 A	270 x 250 x 155
AD 910	JP47263	3/N/PE~230/400 V	9 ... 12 A	20 A	270 x 250 x 155
Steuerung für 1 Pumpe mit Ex-Schutz					
AD 4 XE	JP25901	1/N/PE~230 V	4 A	16 A	430 x 250 x 155
AD 8 XE	JP25902	1/N/PE~230 V	8 A	16 A	430 x 250 x 155
AD 23 X	JP09754	3/N/PE~230/400 V	1 ... 1.6 A	16 A	250 x 250 x 155
AD 25 X	JP09683	3/N/PE~230/400 V	2.4 ... 4 A	16 A	250 x 250 x 155
AD 46 X	JP14355	3/N/PE~230/400 V	4 ... 6 A	16 A	250 x 250 x 155
AD 610 X	JP14356	3/N/PE~230/400 V	6 ... 9 A	16 A	250 x 250 x 155
AD 910 X	JP47265	3/N/PE~230/400 V	9 ... 12 A	20 A	250 x 250 x 155
Control unit for 1 MultiCut pump with integrated SD level control					
AD 8 ExME, TLS	JP43162	1/N/PE~230 V	8 A	16 A	430 x 250 x 155
AD 12 ExME, TLS	JP43163	1/N/PE~230 V	12 A	16 A	430 x 250 x 155
AD 25 ExM, TLS	JP43159	3/N/PE~230/400 V	2.4 ... 4 A	16 A	430 x 250 x 155
AD 46 ExM, TLS	JP43160	3/N/PE~230/400 V	4 ... 6 A	16 A	430 x 250 x 155
AD 610 ExM, TLS	JP43161	3/N/PE~230/400 V	6 ... 9 A	16 A	430 x 250 x 155
Control for 2 pumps					
BD 00	JP45993	1/N/PE~230 V	4 ... 6.3 A	16 A	430 x 250 x 155
BD 00 E	JP45735	3/N/PE~230/400 V	10 A	20 A	430 x 250 x 155
BD 25	JP45737	3/N/PE~230/400 V	2.5 ... 4 A	16 A	430 x 250 x 155
BD 46	JP45739	3/N/PE~230/400 V	4 ... 6.3 A	20 A	430 x 250 x 155
BD 610	JP45741	3/N/PE~230/400 V	6.3 ... 10 A	25 A	430 x 250 x 155
BD 610 EC	JP45743	1/N/PE~230 V	6.3 ... 10 A	20 A	430 x 250 x 155
BD 910	JP47264	3/N/PE~230/400 V	6.3 ... 10 A	25 A	430 x 250 x 155
Steuerung für 2 Pumpen mit Ex-Schutz					
BD 23 X	JP09755	3/N/PE~230/400 V	1 ... 1.6 A	16 A	430 x 250 x 155
BD 25 X	JP09681	3/N/PE~230/400 V	2.5 ... 4 A	16 A	430 x 250 x 155
BD 46 X	JP14360	3/N/PE~230/400 V	4 ... 6.3 A	20 A	430 x 250 x 155
BD 610 X	JP14361	3/N/PE~230/400 V	6.3 ... 10 A	25 A	430 x 250 x 155
BD 910 X	JP47266	3/N/PE~230/400 V	6.3 ... 10 A	25 A	430 x 250 x 155
Control unit for 2 MultiCut pumps with integrated SD level control					
BD 25 ExM, TLS	JP43165	3/N/PE~230/400 V	2.5 ... 4 A	16 A	430 x 250 x 155
BD 46 ExM, TLS	JP43166	3/N/PE~230/400 V	4 ... 6.3 A	20 A	430 x 250 x 155
BD 610 ExM, TLS	JP43167	3/N/PE~230/400 V	6.3 ... 10 A	25 A	430 x 250 x 155