

UZE 06

Electronic protection device

Cat. no. 108003



DEVICE DESCRIPTION

The device is intended to protect 1 and 3 phase pump motors from dry running, no water flow in the system and overload.

The device operates by constantly measuring the power drawn and comparing it against set current values for "dry run" and "overload". In the event the set values are exceeded, a start delay of 3 seconds commences. If the disturbance is continuous, once the set time passes, the pump control is disconnected. If the disturbance is shorter than the countdown, the time measurement stops and the time measurement system is reset. In case of 3x400 V pumps and no power in the measurement phase, the device reacts identically as in the case of a dry run, while in the case of no power in any of the other phases the device reacts like for an overload.

The device is placed in a plastic MODULBOX enclosure intended for rail mounting.

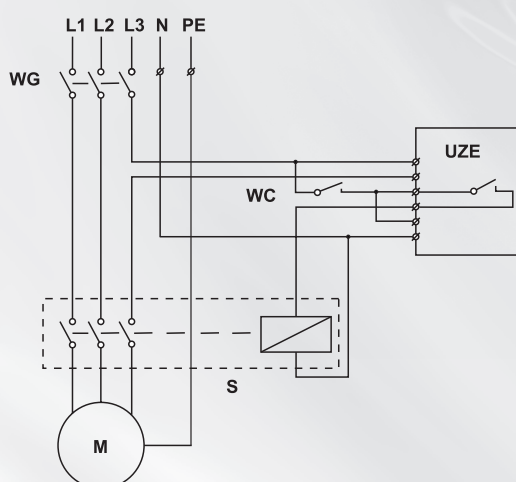


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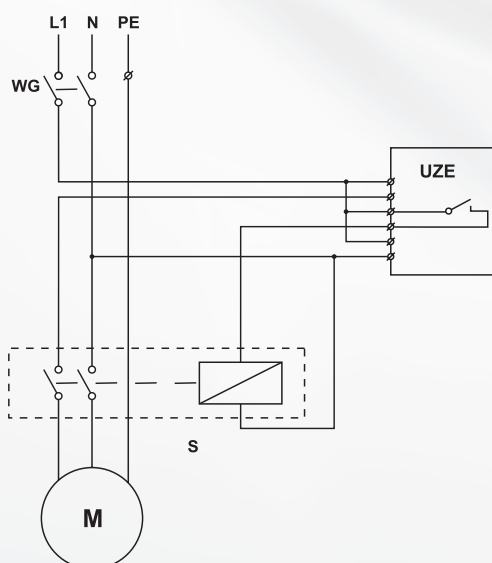
TECHNICAL SPECIFICATIONS	UZE 06
Supply voltage	~230 V, 50 Hz
Nominal current - control contact	8 A / 250 V
Nominal current	0-25A, 50 Hz
Enclosure protection rating	IP 20
Device for rail mounting	yes
Ambient temperature range	0 °C - 40 °C
Dimensions	90x87x58 mm
Operating mode M - monostable (pump switched off) A - astable (switch off – break – switch on again)	switching

CONNECTION DIAGRAM FOR A PUMP WITH 3 X 400V SUPPLY POWER



WG - main switch
WC - pressure switch
S - contactor
M - motor

CONNECTION DIAGRAM FOR A PUMP WITH 1 X 230V SUPPLY POWER



WG - main switch
S - contactor
M - motor