



E-GUARD

PUMP CONTROLLERS



MA2



M3G



M3



T5 & T20



**DUPLEX
2M3 & 2T5**



TRIPLEX 3T5

The TAW E-GUARD are a range of intelligent pump control boxes designed with full protection and control features necessary for all kind of pumps. The controllers incorporate protection features as detailed on the table below, a wide LCD screen that display the pump operating status and indicate control parameter such a voltage, running amps and show fault whenever one occurs. They are also fitted with auxilliary terminals for connection of float switch and pressures switches.

MODEL	APPLICATION
MA2	Suitable for Single Phase Tesla and Alphas Motors. Fitted with one capacitor.
M3G	Specifically designed for Grundfos Single Phase Motors ONLY. Fitted with start and run capacitors and relay
M3	Suitable for Single phase surface pumps from 0.37kw to 2.2kw. Has no capacitor
T5	Suitable for DOL THREE phase submersible and surface pumps from 0.37kw to 4kw.
T20	Suitable for DOL THREE phase submersible and surface pumps from 2.2kw t 15kw.
DUPLEX 2M3	Suitable for Two pumps operation single phase 0.37kw to 2.2kw. For surface pumps.
DUPLEX 2T5	Suitable for Two pumps operation Three phase 0.37kw to 4kw. Both surface and submersible pumps.
TRIPLEX 3T5	Suitable for Three pumps operation Three phase 0.37kw to 4kw. Both surface and submersible pumps.

FEATURES

MODEL	MA2	M3G	M3	T5	T20	DUPLEX 2M3	DUPLEX 2T5	TRIPLEX 3T5	
MAX MOTOR RATING KW	2.2KW	2.2KW	2.2KW	4KW	15KW	2.2KW	4KW	4KW	
PHASE	1PH			3PH		1PH	3PH		
RATED INPUT VOLTAGE	380V-415V			380V-415V		220V-240V	380V-415V		
START METHOD	DOL								
FREQUENCY	50HZ								
NO. OF PUMPS	1	1	1	1	1	2	2	3	
CAPACITORS	1	2	NON						
OVERLOAD PROTECTION	YES								
PUMP STALLED PROTECTION	YES								
DRY RUN PROTECTION	YES								
UNDER VOLTAGE PROTECTION	YES								
OVER VOLTAGE PROTECTION	YES								
OPEN PHASE PROTECTION	YES								
AMBIENT TEMPERATURE	-25--+550C								
HUMIDITY	20%--90%RH								
DEGREE OF PROTECTION	IP54								
INSTALLATION POSITION	WALL MOUNT VERTICAL								
DIMENSION (HxWxD)mm	180x150x72	240 x 300 x 200					400 x 300 x 200		