

## Xtreme

Quadro elettronico con autoapprendimento per avviamento diretto di 1 pompa monofase o trifase con la protezione da marcia a secco tramite  $\cos\phi$  e minima corrente, gestione remota con gsm e relativa app.

*Electronic panel with smart self-learning for direct start-up of 1 single or three phase pump with dry running protection via  $\cos\phi$  and minimum current, remote management with gsm and app.*

RANGE DI POTENZA / POWER RANGE

kW 0.37 → 15



Autoapprendimento  
Smart Self-learning

(10 sec)



APP Utilizzabile con acquisto del GSM (optional)  
APP is available by purchasing the GSM kit (optional)



### VANTAGGI

- ✓ Minimo stock a magazzino:
  - Un unico quadro per tutte le potenze monofase fino a 16A
  - Un unico quadro per tutte le potenze trifase fino a 15A
- ✓ Funzionamento con galleggianti, pressostati, sonde di livello e trasduttori 4-20mA - 12V
- ✓ Utilizzo per acque pulite o reflue
- ✓ Controllo remoto dell'impianto con applicazione dedicata su smartphone o su PC
- ✓ GSM/UTMS
- ✓ Wifi
- ✓ Porta USB
- ✓ Archiviazione e gestione dei dati / data logger
- ✓ Protezione completa pompa per:
  - marcia a secco SENZA sonde (minimo  $\cos\phi$  o minima corrente)
  - sovraccarico
  - massimi avviamenti/minuto e massimi avviamenti/ora
  - anomalia funzionamento continuo (rottura condotte o galleggianti)
  - anomalia fasi
  - anomalia frequenza
  - min e max tensione
  - min e max corrente
  - intervento klixon motori
  - acqua in camera olio
- ✓ Ritardo intervento protezioni programmabile
- ✓ Possibilità di attivare l'autotest periodico dell'utenza
- ✓ Inversione marcia pompa per pulizia girante
- ✓ Menu multilingua

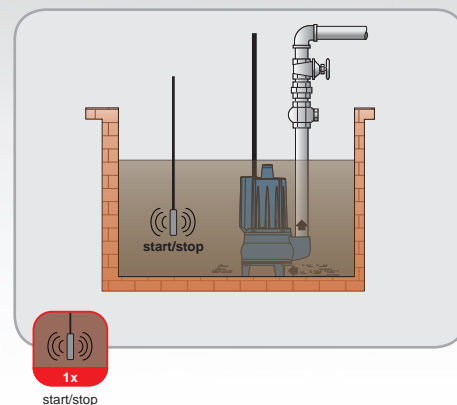
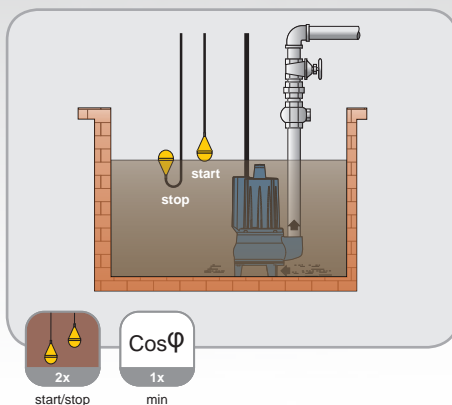
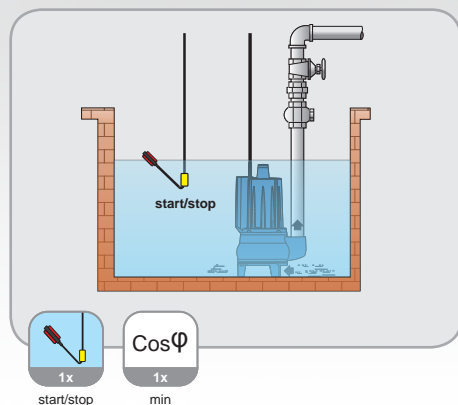
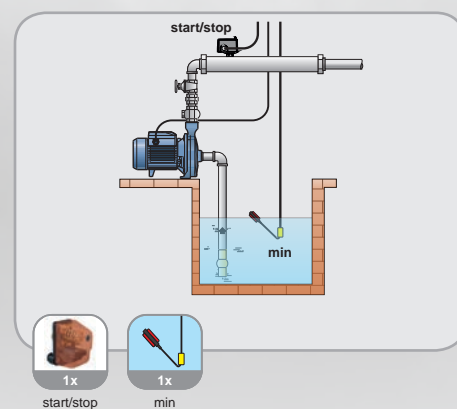
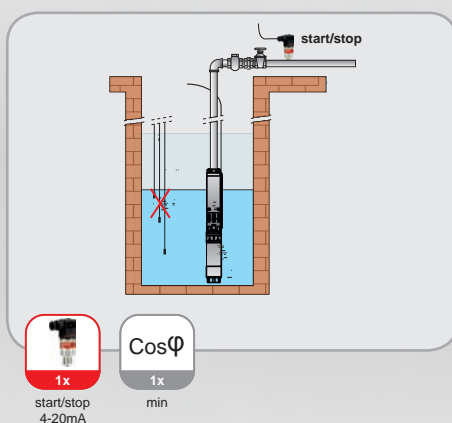
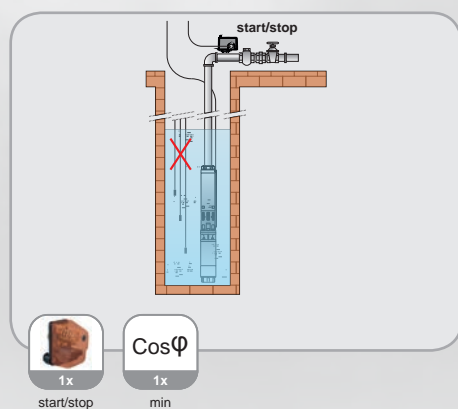


### BENEFITS

- ✓ Minimum stock requirements:
  - A single panel for all single phase outputs up to 16A
  - A single panel for all three phase outputs up to 15A
- ✓ Operation with floats, pressure switches, level probes and transducers 4-20mA - 12V
- ✓ Use with clean or waste water
- ✓ Remote management of the installation with an APP on your smartphone or PC
- ✓ GSM/UTMS
- ✓ Wifi
- ✓ USB port
- ✓ Data transfer and storage/data logger system
- ✓ Complete pump protection for:
  - dry running WITHOUT probes (minimum  $\cos\phi$  or minimum current)
  - overload
  - maximum start-ups/minute and maximum start-ups/hour
  - continuous operation fault (pipeline or float damage)
  - phases error
  - frequency error
  - min and max voltage
  - min and max current
  - motor klixon trip
  - water in oil chamber
- ✓ Programmable protection activation delay
- ✓ Possibility of periodic self-test of utility
- ✓ Impeller cleaning system made by reverse rotation control
- ✓ Multilingual menu



### APPLICAZIONI TIPICHE / STANDARD APPLICATIONS



### MODELLI / MODELS

V (50/60 Hz)	MODELLO MODEL	POTENZA POWER		CORRENTE MAX (A) MAX CURRENT (A)		DIMENSIONI (mm) DIMENSIONS (mm)			KG
		KW	HP	DA / FROM	A / TO	A	B	P	
1-230V	XTREME1-M/3	0,37÷2,2	0,5÷3	2	16	340	240	170	3
3-400V	XTREME1-T/10	0,55÷7,5	0,75÷10	2	15	340	240	170	6
	XTREME1-T/15	7,5÷11	10÷15	16	24	340	240	170	6
	XTREME1-T/20	7,5÷15	10÷20	16	30	340	240	170	6

