

FULLAPP

Quadro elettronico multifunzione per avviamento diretto di motori monofase o trifase gestibile da APP

Multifunction electronic panel for direct start-up of single or three phase motors manageable with APP

Coffret électronique multifonction pour le démarrage direct de moteurs monophasée ou triphasée contrôlable par APP

kW 0.37 → 15



SERIE FULLAPP

- **Comando remoto con APP (GSM opzionale)**
- Sezionatore generale con bloccaporta
- Fusibili di protezione
- Pulsanti AUTO-0-MAN
- Spie LED rete, auto, marcia
- 4 ingressi multifunzione configurabili: galleggiante/pressostato(N.A.)/sonde unipolari
- Uscita motore: Relè(monofase)/Contattore(trifase)
- Selettore funzionamento riempimento/svuotam.
- Regolatore sensibilità sonda
- Protezione motore da sovraccarico regolabile
- Ritardo intervento protezioni programmabile
- Uscita allarme programmabile (NC-C-NA)
- Ingresso klaxon motore con spia di intervento
- Predisposizione per condensatore di marcia
- Ingresso per sensore 4÷20mA
- Display multilingua con tasti di comandi
- Visualizzazione tensione/corrente/cosØ/allarmi
- **Protezione da marcia a secco da minima corrente o cosØ**
- Ripristino automatico protezione marcia a secco
- **Auto-apprendimento dati motori**
- Protezione max interventi klaxon e avviamenti/h
- Possibilità autotest periodico dei motori
- Uscita allarme ottico/acustico 12V 100mA
- Possibilità esclusione motori in avaria

FULLAPP 2/FULLAPP 3

- Alternanza motori escludibile
- FULLAPP2: 2 Relè/Contattori - 5 ingressi multifunz.
- FULLAPP3: 3 Relè/Contattori - 6 ingressi multifunz.

FULLAPP SERIES

- **Remote control whit APP (GSM optional)**
- Main switch with door interlock
- Protection fuses
- AUTO-0-MAN buttons
- LED power on, auto operation, motor operating
- 4 configurable multi-function inputs: multi-contact float/pressure switch (NO)/single-pole level probes
- Output: Relay(single ph.)/Contactor(three ph.)
- Selector for filling/emptying operation
- Internal regulator for probes sensitivity
- Adjustable motor overload protection
- Programmable protection activation delay
- Programmable alarm output (NO-COM-NC)
- Klaxon input whit indicator light
- Provision for start-up capacitors
- Input of sensor 4÷20mA
- Multilanguage display whit command keys
- Visualization: voltage/motor current/cosØ/alarms
- **Dry running protection from minimum current or cosØ**
- Automatic restoration from dry running
- **Self-learning of motor data**
- Max klaxon trips and start-ups/h protection
- Possibility of periodic self-test of motors
- Optical/acoustic alarm output 12V 100mA
- Possibility to exclude a damaged motor

FULLAPP 2/FULLAPP 3

- Alternated start-up excludable
- FULLAPP2: 2 Relay/Contactors - 5 inputs multifunct.
- FULLAPP3: 3 Relay/Contactors - 6 inputs multifunct.

SÉRIE FULLAPP

- **Commande à distance avec APP (GSM option)**
- Sectionneur général avec verrouillage de porte
- Fusibles de protection
- Boutons-poussoirs AUTO-0-MAN
- LED présence réseau, auto, moteur en fonction
- 4 entrées multifonct. configurables: multi-contact float/pressure switch/sondes de niveau unipolaire
- Sorties moteur: Relais(monoph.)/Contacteur(triph.)
- Sélecteur pour fonct. en remplissage/vidage
- Sélecteur intérieur pour sensibilité des sondes
- Protection électronique surcharge moteurs réglable
- Retard intervention des protections programmable
- Programmable sortie alarme (NO-COM-NC)
- Entrée klaxon avec voyant lumineux
- Prédispositions condensateur de démarrage
- Entrée capteur 4÷20mA
- Écran multilangue avec boutons de commande
- Visualisation: tension/courant moteur/cosØ/alarmes
- **Protection marche à sec réglable courant min. ou cosØ**
- Rétablissement autom. protection marche à sec
- **Autoapprentissage des données des moteurs**
- Protection max interventions klaxon et démarrages/h
- Possibilité diagnostic périodique moteurs
- Sortie alarme sonore/lumineuse 12V 100mA
- Possibilité exclusion moteur en avarie

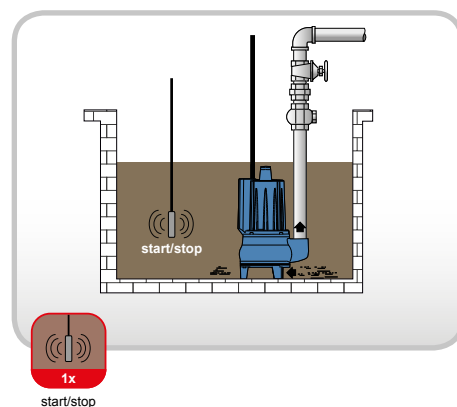
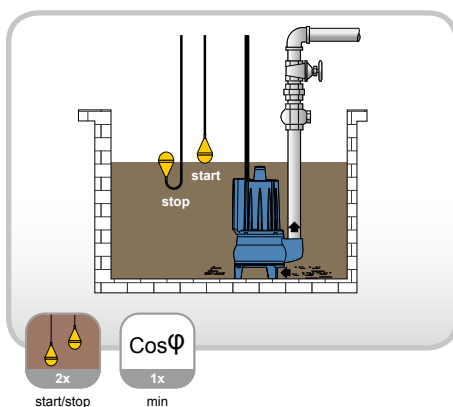
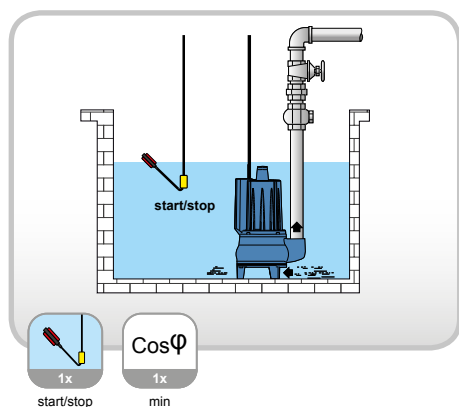
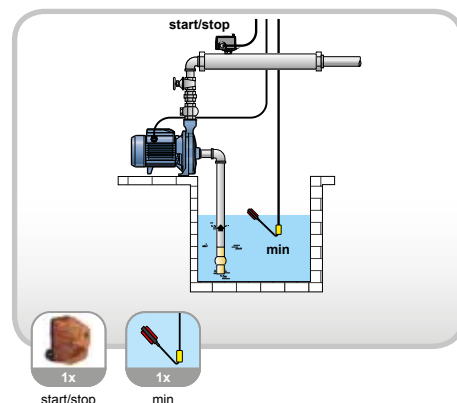
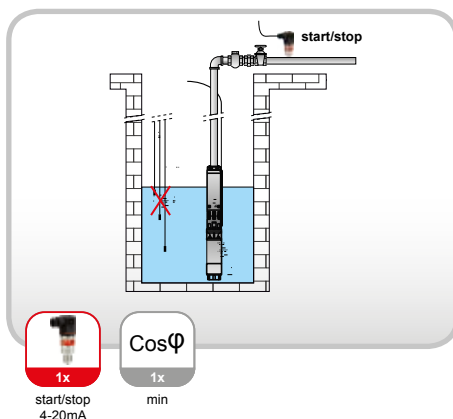
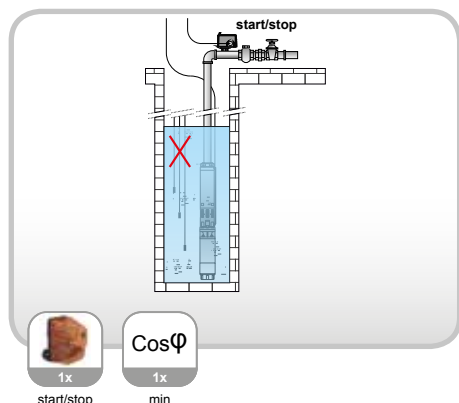
FULLAPP 2/FULLAPP 3

- Possibilité d'exclusion échange moteurs
- FULLAPP2: 2 Relais/Contacteur - 5 entrées multifoun.
- FULLAPP3: 2 Relais/Contacteur - 6 entrées multifoun.

FULLAPP 1



APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES



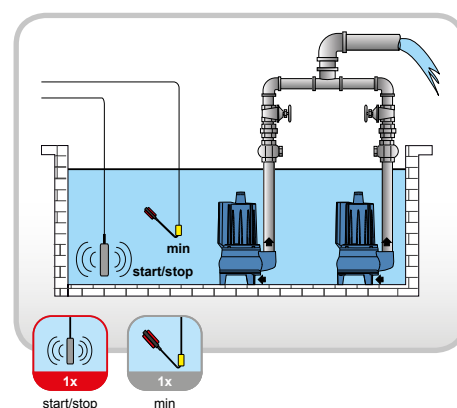
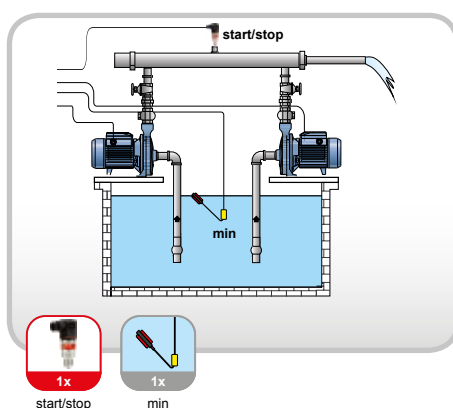
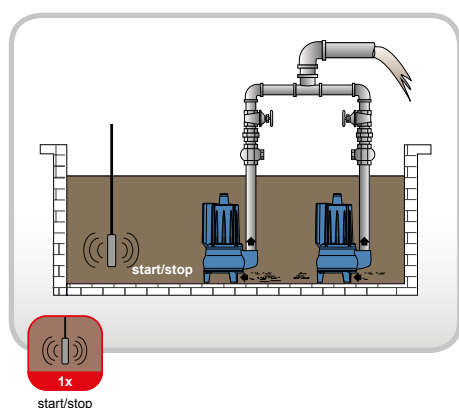
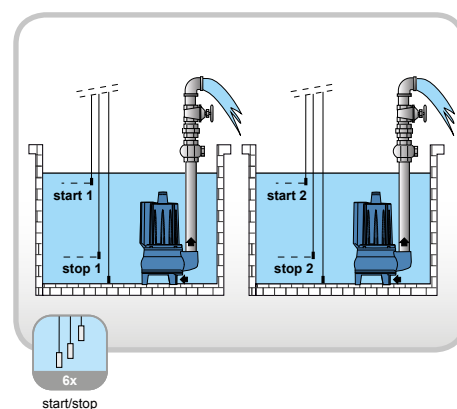
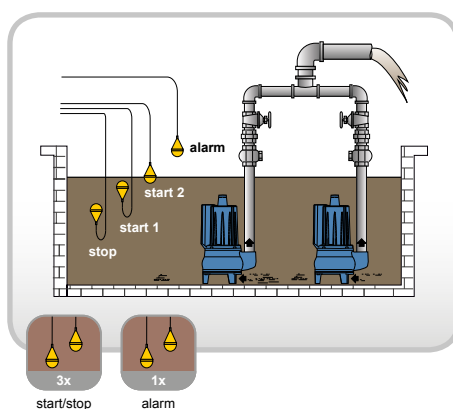
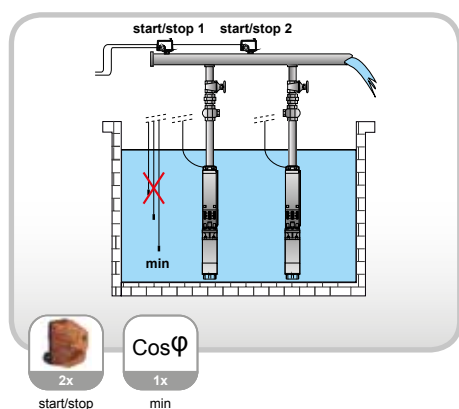
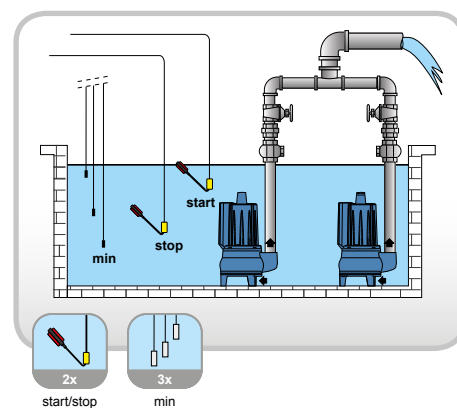
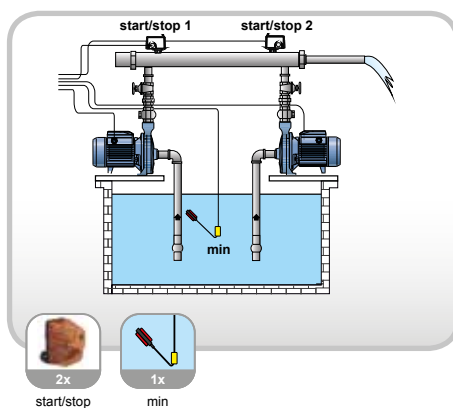
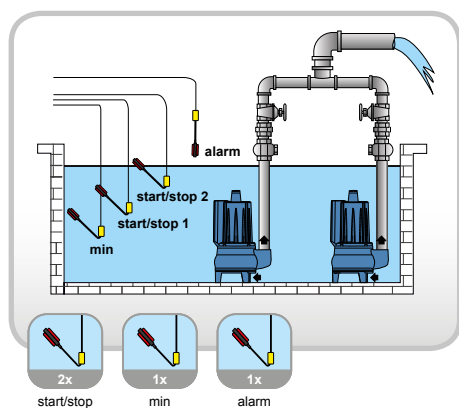
Quadro elettrico per n.1 motore
Control panel for n.1 motor
Coffret électronique pour n.1 moteur



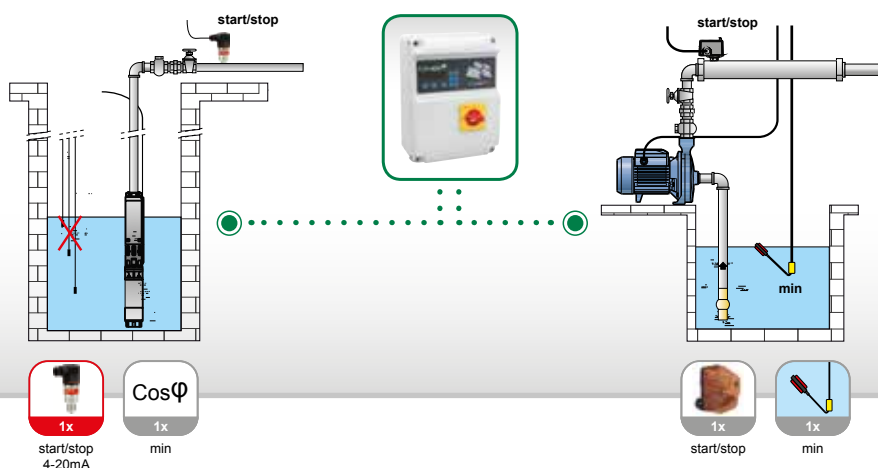
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50/60 Hz			kW	Hp	Nx [range] A	H mm	L mm	W mm	kg	box
1~230V	020.09	FULLAPP1-M/3	0,37÷2,2	0,5÷3	1x [2÷16]	340	240	170	2,8	ABS
3~400V	020.10	FULLAPP1-T/10	0,55÷7,5	0,75÷10	1x [2÷15]	340	240	170	5,5	ABS
	020.11	FULLAPP1-T/15	7,5÷11	10÷15	1x [16÷24]	340	240	170	5,5	ABS
	020.12	FULLAPP1-T/20	7,5÷15	10÷20	1x [16÷30]	340	240	170	5,5	ABS
OPTIONAL	108.80	KIT GSM	Programmazione e gestione impianti da remoto con batteria tampone		Remote programming and management of systems, with back-up battery	Programmation et la gestion des installations à distance avec batterie tampon				

FULLAPP 2

APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES



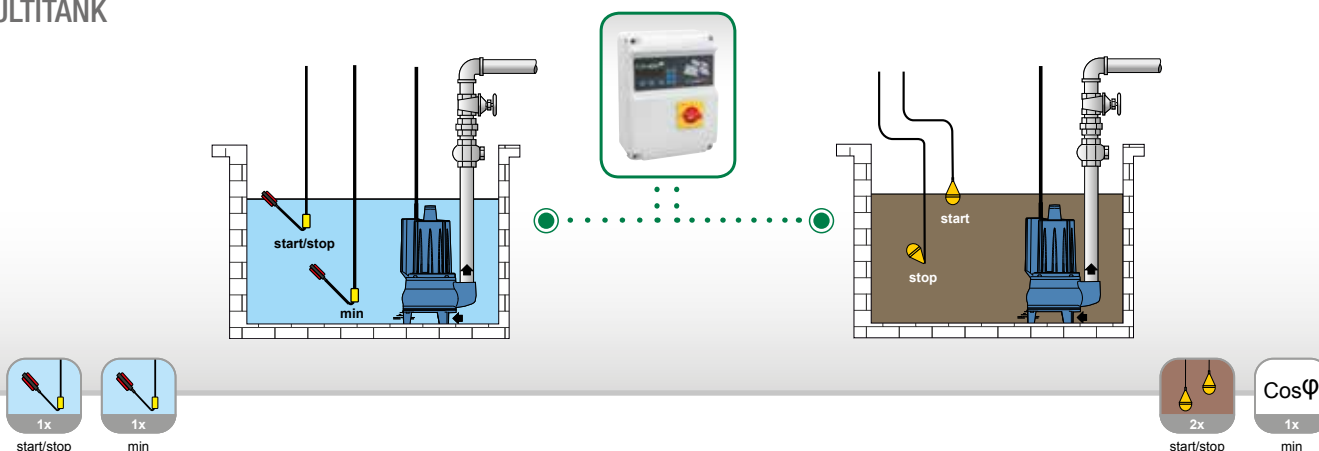
MULTITANK



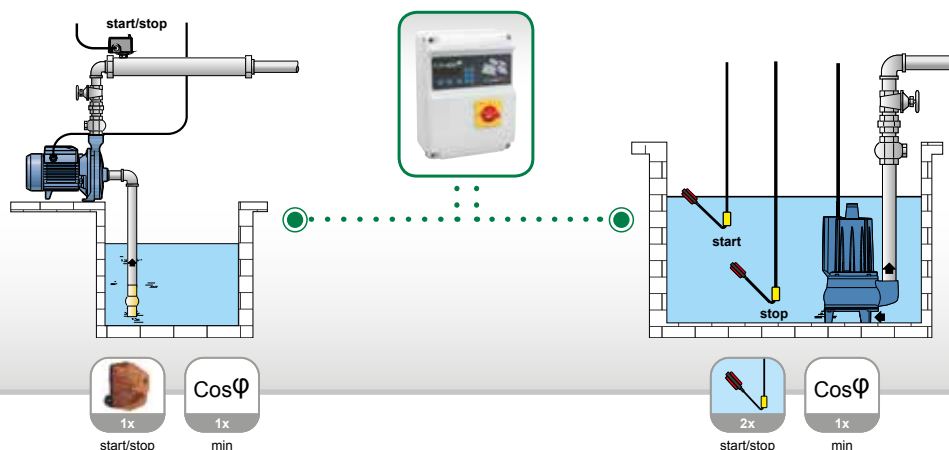


APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES

MULTITANK



MULTITANK



Quadro elettrico per n.2 motori
Control panel for n.2 motors
Coffret électronique pour n.2 moteurs



V	COD.	MODELLO / MODEL	POTENZA / POWER		CORRENTE / CURRENT					
50/60 Hz			kW	Hp	Nx [range] A	H mm	L mm	W mm	kg	box
1~230V	020.01	FULLAPP2-M/3	0,37÷2,2	0,5÷3	2x [2÷16]	340	240	170	3	ABS
3~400V	020.02	FULLAPP2-T/10	0,55÷7,5	0,75÷10	2x [2÷15]	340	240	170	6	ABS
	020.03	FULLAPP2-T/15	7,5÷11	10÷15	2x [16÷24]	380	300	250	6	ABS
	020.04	FULLAPP2-T/20	7,5÷15	10÷20	2x [16÷30]	380	300	250	6	ABS
OPTIONAL	108.80	KIT GSM	Programmazione e gestione impianti da remoto con batteria tampone		Remote programming and management of systems, with back-up battery	Programmation et la gestion des installations à distance avec batterie tampon				

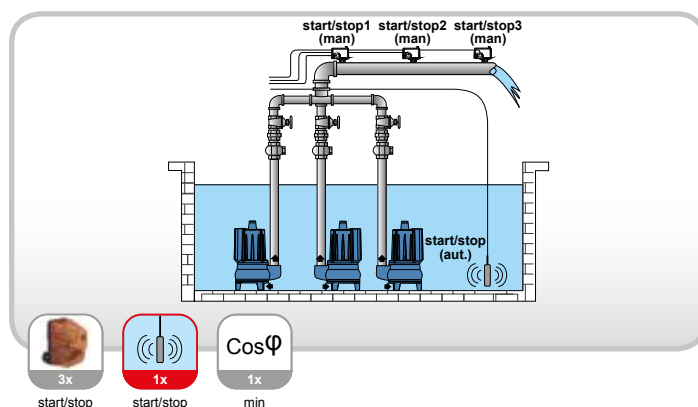
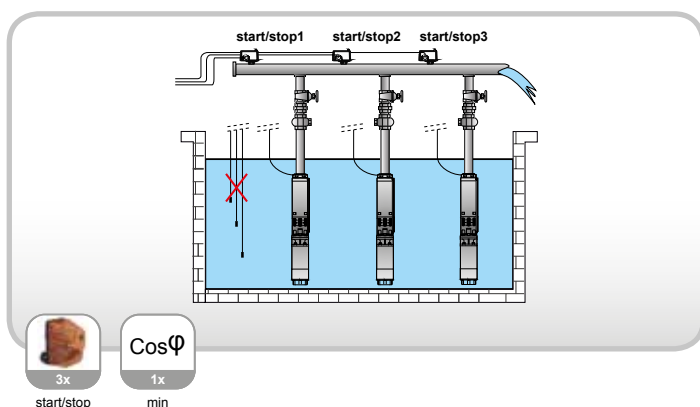
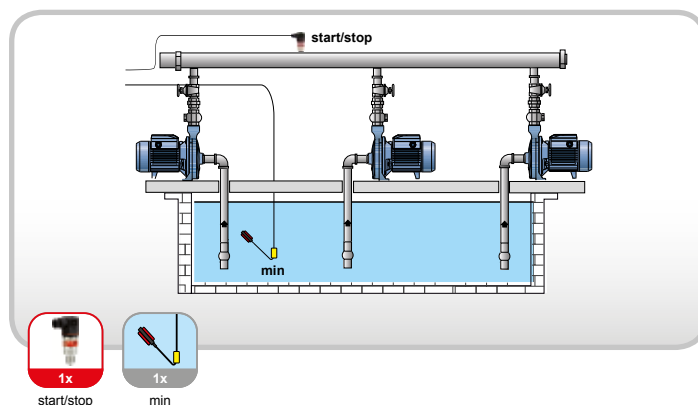
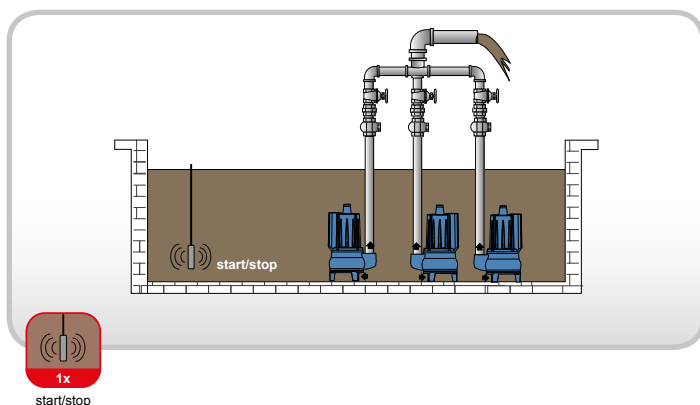
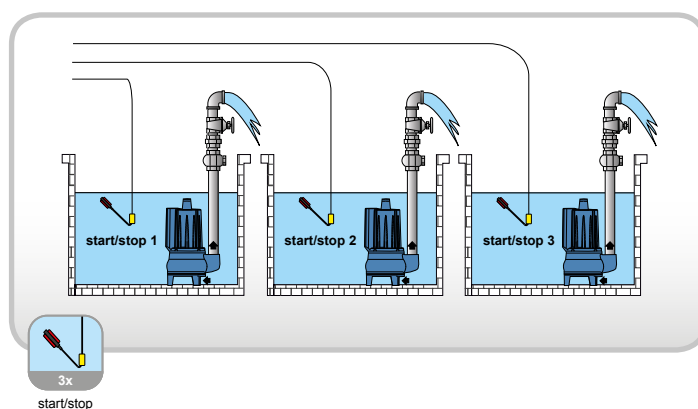
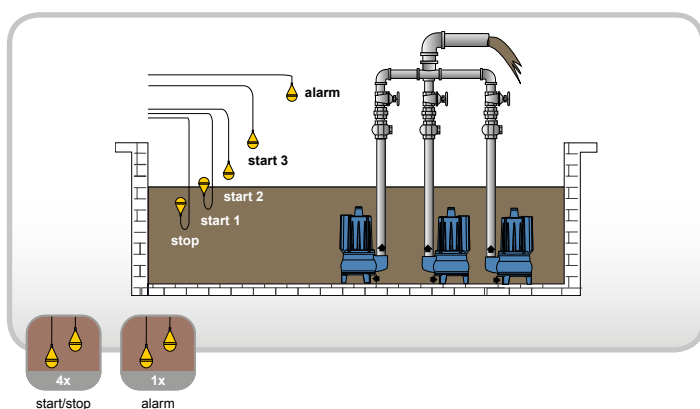
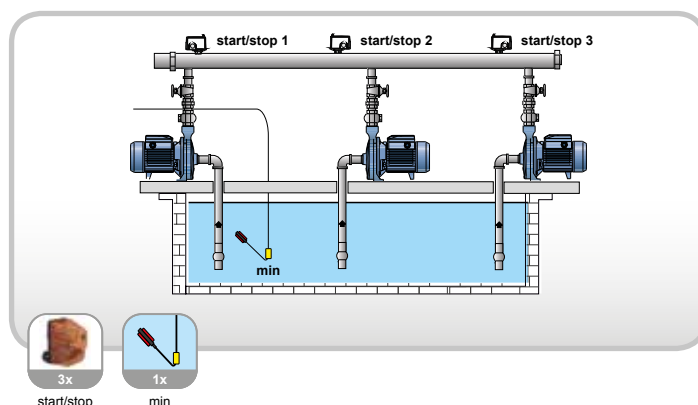
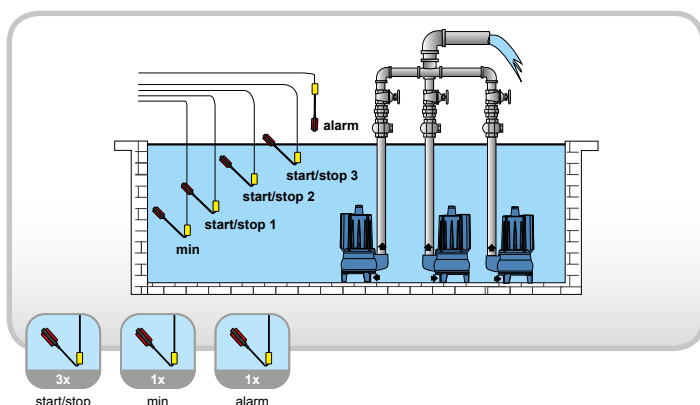
- Alternanza motori escludibile
- 2 Relè/Contattori - 5 ingressi multifunzione

- Alternated start-up excludable
- 2 Relay/Contactors - 5 inputs multifunction

- Possibilité d'exclusion échange moteurs
- 2 Relais/Contacteur - 5 entrées multifonction

FULLAPP 3

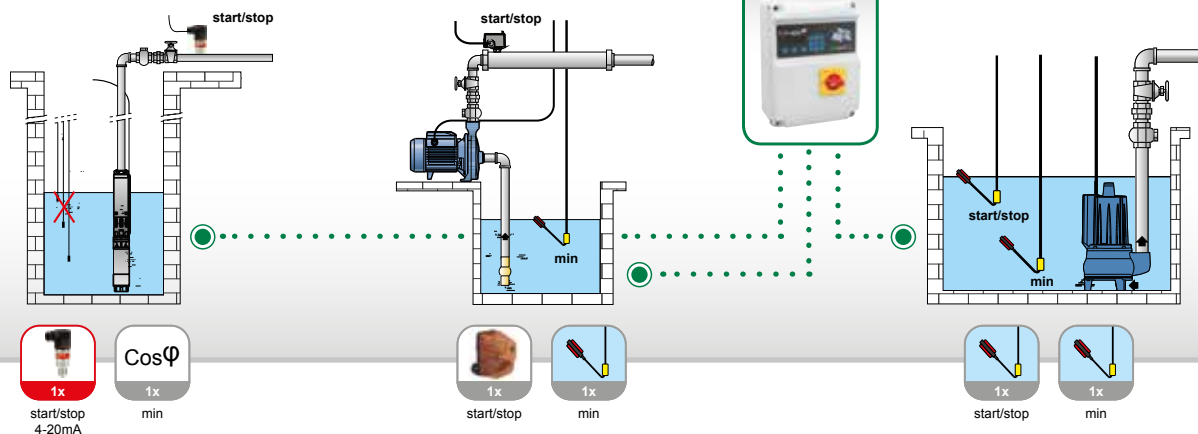
APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES



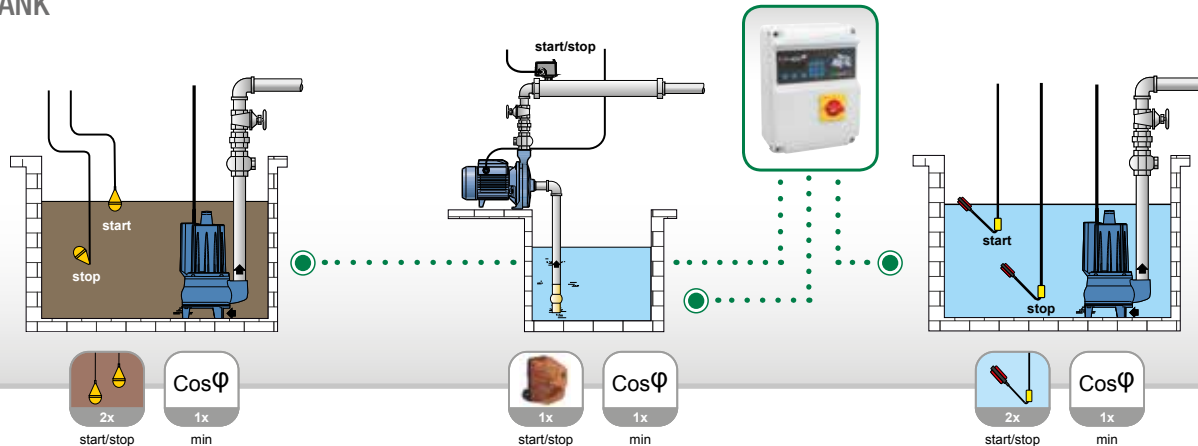


APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES

MULTITANK



MULTITANK



Quadro elettrico per n.3 motori
Control panel for n.3 motors
Coffret électronique pour n.3 moteurs



V	COD.	MODELLO / MODEL	POTENZA / POWER		CORRENTE / CURRENT					
50/60 Hz			kW	Hp	Nx [range] A	H mm	L mm	W mm	kg	box
1~230V	020.05	FULLAPP3-M/3	0,37÷2,2	0,5÷3	3x [2÷16]	420	300	150	3	ABS
3~400V	020.06	FULLAPP3-T/10	0,55÷7,5	0,75÷10	3x [2÷15]	500	400	230	10	METAL
	020.07	FULLAPP3-T/15	7,5÷11	10÷15	3x [16÷24]	500	400	230	15	METAL
	020.08	FULLAPP3-T/20	7,5÷15	10÷20	3x [16÷30]	500	400	230	15	METAL
OPTIONAL	108.80	KIT GSM	Programmazione e gestione impianti da remoto con batteria tampone		Remote programming and management of systems, with back-up battery	Programmation et la gestion des installations à distance avec batterie tampon				

- Alternanza motori escludibile
- 3 Relè/Contattori - 6 ingressi multifunzione

- Alternated start-up excludable
- 3 Relay/Contactors - 6 inputs multifunction

- Possibilité d'exclusion échange moteurs
- 3 Relais/Contacteur - 6 entrées multifonction