

## MOTOR STARTING

### Star delta starter

Our basic solution to command motors from 7,5kw

The electric board with star / delta starting are designed and manufactured in accordance with current regulations for controlling motors of medium and big powers, from size of 7.5kW (10HP) included up. This start system allows you to avoid the problems of excessive absorption in the starting phase, as the engines are started initially by a star connection (so to 690V), using less initial current, and then move to a delta connection (400V) at the time when the motor runs up to speed, all via a timed system that allows the switching of the control contactors installed inside the switchboard.

Each picture presents lights of voltage signaling, thermal trip of the motor running and, in addition to the button of start and stop the motor and to stop button mushroom emergency.

All this is contained in a painted steel box with brackets for wall mounting, disconnecting switch with door lock system for feeding the framework and lock to close the door.

The interface with the users is performed through the terminal block positioned in the lower part of the framework, where they are made available, in addition to the terminals for the power supply of the motor, even those for a possible interfacing with a pushbutton start / stop and stop Emergency remote.

The supply also includes wiring diagrams, made in compliance with applicable regulations.

A request may be integrated different optional, among which ammeter for displaying the current consumption, operating hours counter for counting the hours of work of the motor and cable glands for the cable entry of the users to manage, in addition to countless customizations, in function of customer needs.

### PRODUCT CERTIFICATIONS

STANDARD



OPZIONALI



### TECHNICAL SPECIFICATION

Main Features	Features	Values
Dimensions	Dimensions	-
Power	Power	-
Rated Current	Rated Current	-
	Auxiliary	400 V



## TECHNICAL SPECIFICATION

Main Features	Features	Values
Voltage	Supply	24 Vac
Carpentry Material	Painted Plate	Standard
	PVC	RAL7035
	SS304	RAL7035
	SS316	RAL7035
	Standard Colour	RAL7035
	Protection Degree	IP54 (A Richiesta)
Temperature	Working Temperature	-10° / +40°C
	Stocking	-
Inverter	Standard Brand	-
Standard Optional (More on Request)	Integrated EMC Filter	-
	Amperometer	Si
	Voltmeter	Si
	Hour Counter	Si
	Cable Glade	Si
	Cable Glands	Si
	Auxiliary Voltage	110/230 Vac -24 Vdc
Standard Documentation	Wiring Diagram (digital an paper format)	Ok
	Declaration of conformity (digital and paper format)	Ok
	Components manual (papaer format)	Ok

**DIMENSIONAL LAY-OUT**