

Series 04S

Order reference	Nom. power (kW)	Nom. voltage DC (V)	Nom. current (A)	Pulse current (A)
no ventilation 04S-M60/8-PB	0,5	35-60	8	20
with ventilation 04S-M60/12-PB	0,72	35-60	12	20

Power Supply:

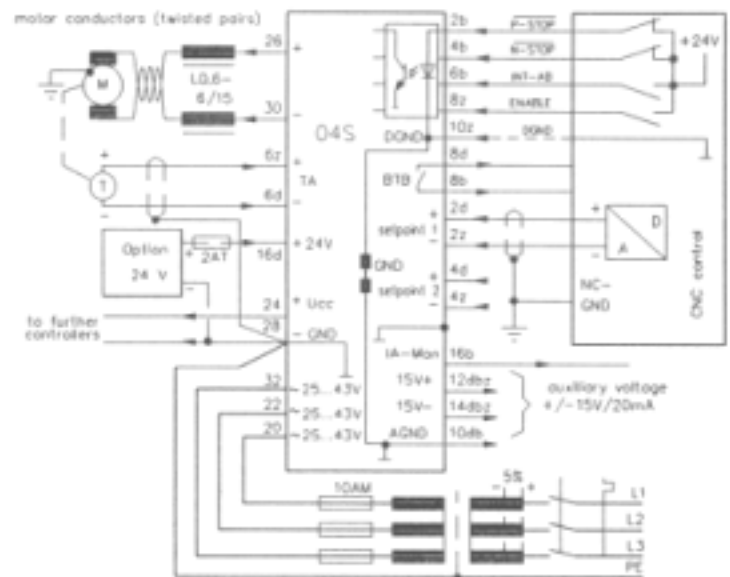
The 3-phase supply voltage has to be taken from an isolating transformer. In case of 1-phase supply, nominal voltage and impulse current must be reduced. This requires a specific inquiry.

The built-in power pack is equipped with a ballast circuit with a patented -w- characteristic. Therefore, several 04S units can be supplied from one isolating transformer and can be connected in parallel to the intermediate circuit.

The auxiliary voltages required internally are generated by the controller from the intermediate circuit voltage also when supplying voltage from a batterie.

Even without armature circuit chokes, the controller is earth-fault and short-circuit proof.

In order to obtain a form factor of 1.01, a minimum load inductivity of 0.6 mH is necessary in the armature circuit.



The 04S series has the same comfortable traits as our higher powered controllers. A 84TE basis unit can accommodate up to 6 units of the 04S series.

Dimensions: (1TE = 5,08mm)

Eurocard, 14TE width, 220mm insertion depth

Basic equipment:

-PB- with -w-characteristic

Options:

-24V- auxiliary voltage supply from external 24V DC voltage

-IxR- armature voltage control (that means speed control without tacho)

... Front panel

Rear panels:

-F03SMB- connections from rear side (6HE)

-R03SMB- connections from front side (6HE)

or

Connector:

DIN 41 612-M24+7(FH24+7)