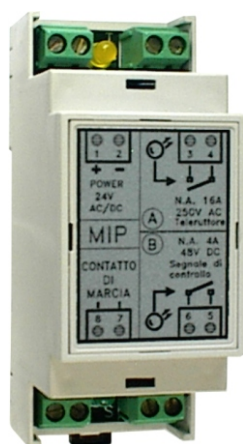


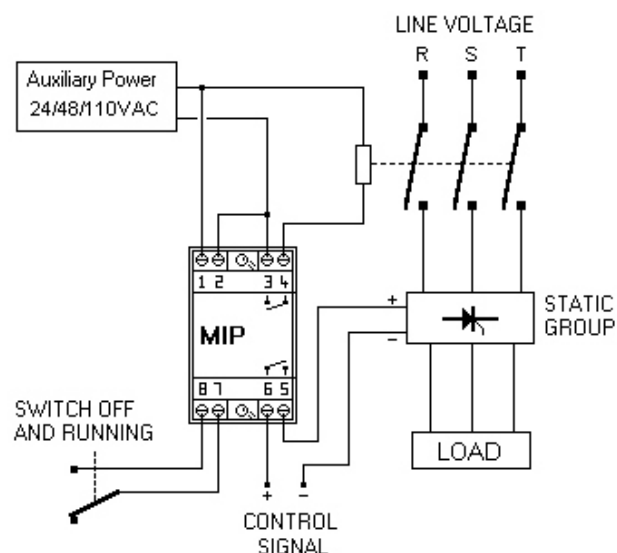
MIP

Power engagement module

Code 978



The purpose of the MIP module is to avoid harmful overvoltages to the SCR, avoiding electric arcs on the safety contactor contacts. Synchronizes the power with the control signal in such a way that during run, at first the contactor is enabled and after a fraction of a second the control signal is enabled; and in the shutdown process at first the control signal is disabled and then the power contactor is disabled..



Dimensions:
H90, L36,P60

This method ensures that during start up, the static relay has time to be properly powered, in such a way as to ensure a good activation of the semiconductors, and during shut down there is no current in the contactor contacts that during opening could generate electrical arcs, that is harmful overvoltages for fuses and SCR.

24V AC/DC Power Supply 5VA

Internal relays:

- (A) for contactor 16A 220V AC
- (B) for control 4A 48V DC
- Run control with contact N.C. (Terminal 8 and 7) Stop N.O. (Terminal 8 and 7)
- Run times: Relay (A) 0.5 sec. (B) 1.5 sec.
- Stop times: Relay (B) 1.5 sec. (A) 3.5 sec.

NB: By powering the MIP with 24VDC it is possible to enable the run by bringing a logical signal between 12 and 24V DC the positive in terminal No. 8 (+) and negative in no. 2 (power common).