

4M/6M COMPRESSORS

Y-PART WINDING START (AWM/D, AWR, AWY, AWC, AWX)

Legend

This inclosure is to be taken out of the terminal box and to be kept separately. Selection of electrical connection according to main voltage available and compressor name plate specifications.

Attention

Compressors equipped with protection by thermistors. Connect thermistors only at terminals S1+S2 of module A1.
Don't put mains voltage. See diagram. Max. thermistor test voltage 3 V.
Cold resistance of thermistors $\leq 750 \Omega$.

Fans, thermoprotected

Direct or Y-part winding start K4 only with Y-part winding start

L0 = Current sensor

L1, L2, L3 = Mains connections

F6, F7, F8 = Fuses

K1 = Contactor M1

K4 = Contactor M1 for second part-winding

S1, S2 = Connection to thermistor chain

PE = Grounding

A4 = Sensor module

A5 = Terminal box compressor

M21 = Fan motor/condenser

F10 = Thermal protection switch M2

Y21 = Solenoid valve capacity control 1

Y22 = Solenoid valve capacity control 2

Y7 = Solenoid valve digital discus head

R2 = Cranckase heater

CCH = Cranckase heater

Cable colours:

white

black

