

Automatic Climate Control System

Models 123.130 (300 D), 123.033 (280 E)

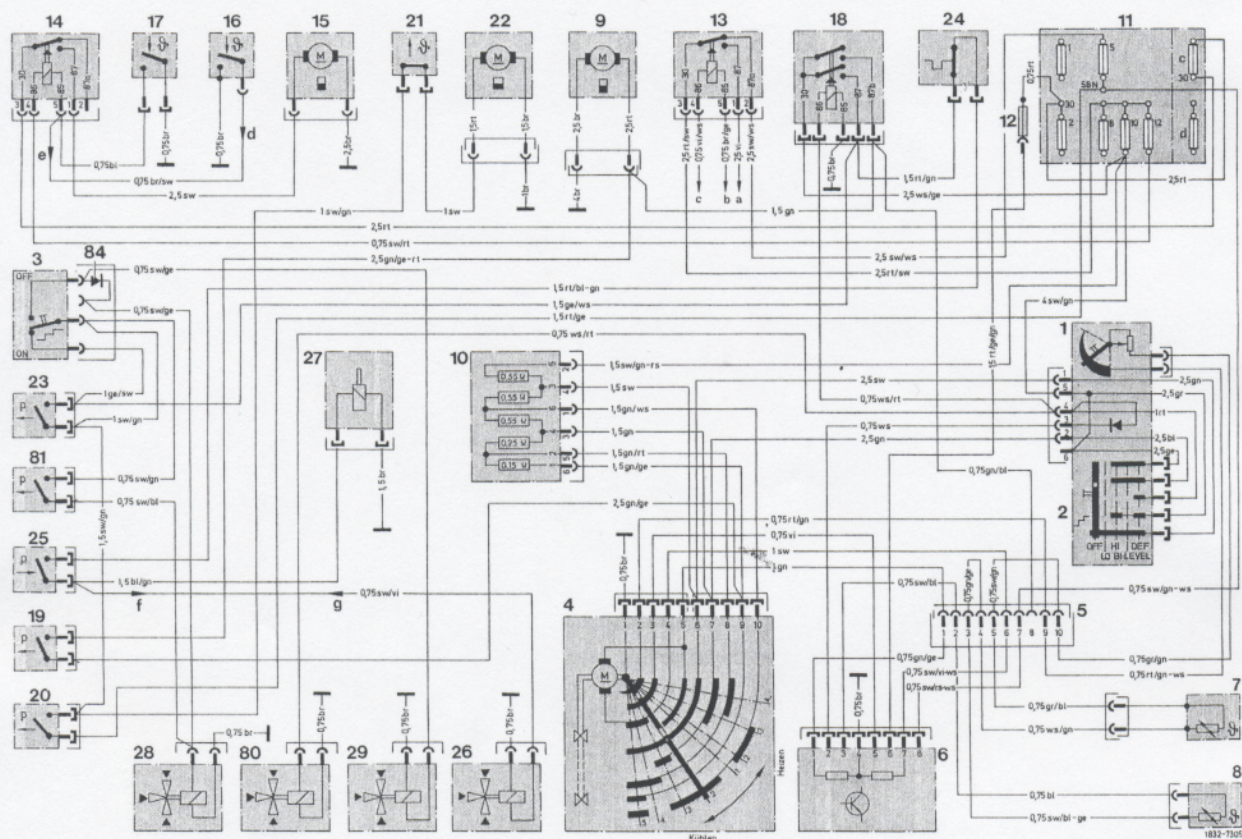


Fig. 259
Electrical wiring diagram (Ignition off, servo assembly in position "PARK")

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| <ul style="list-style-type: none"> a Terminal block, starter, terminal 50 b Starter lockout/back-up light switch c Ignition starter switch, terminal 50 d Relays, ignition change-over, terminal 85 e Relays, air conditioner/starter, terminal 30 f Relays, ignition change-over, terminal 87a g Relays, ignition change-over, terminal 30 1 Temperature selector wheel 2 Pushbutton switches 3 "ON/OFF" Rocker switch, compressor 4 Servo assembly 5 10-pin plug for tester 6 Amplifier 7 In-car temperature sensor 8 Ambient temperature sensor 9 Blower 10 Resistor block for blower 11 Main fuse box 12 Auxiliary fuse (2 amps) for amplifier 13 Relay, air conditioning 14 Relay, auxiliary fan 15 Auxiliary fan | <p>} engine 110.984 only</p> | <ul style="list-style-type: none"> 16 100°C (212°F) temperature switch in thermostat housing for auxiliary fan 17 62°C (144°F) temperature switch in receiver/drier for auxiliary fan 18 Double-pole relay 19 Blower master switch (closes with vacuum greater than 5.17" Hg/175 mbar) 20 Compressor switch (closes with vacuum greater than 2.32" Hg/78.5 mbar) 21 Temperature switch for water pump 16°C (61°F) "ON" position 26°C (79°F) "OFF" position 22 Auxiliary water pump for heater 23 Compressor switch (closes with vacuum greater than 2.32" Hg/78.5 mbar; only in "BI-LEVEL" mode) 24 ETR (evaporator temperature regulator) switch 2°C/36°F 25 Low-pressure cut-off switch for compressor (10 psi/0.7 kg/cm², "OFF"; 40 psi/2.8 kg/cm² "ON") 26 Switch-over valve, ignition retard (M 110.984 only) 27 Electromagnetic clutch for compressor 28 Switch-over valve (footwell flaps) 29 Switch-over valve (fresh/recirculating air flap) 30 Switch-over valve "BI-LEVEL" ("DEF" mode only) 31 Vacuum switch (closes with vacuum greater than 78.5 mbar/2.32" Hg, BI-LEVEL mode only) 84 Diode |
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