

Three-phase opto-coupler for motor control with reverse function

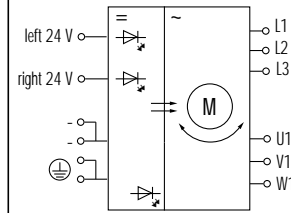
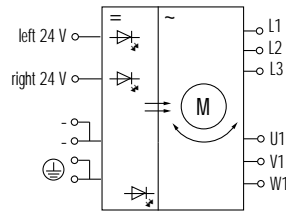
AMZSW



AMZSW



Circuit diagram



Ordering data

Control voltage (Input)
24 V DC

Art.-No.

50520

Art.-No.

506040

Technical data Input (coil)

Voltage range "ON" 19,2...26 V DC
 Voltage range "OFF" 0...10 V DC
 Nominal current approx. 20 mA
 Status indicator right or left running: LED yellow
 fault alarm: red LED when both directions chosen simultaneously

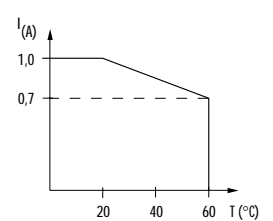
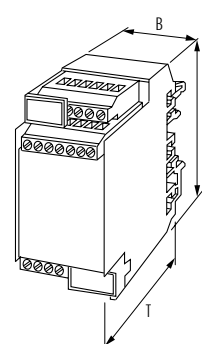
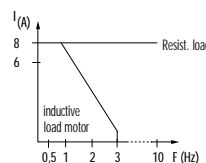
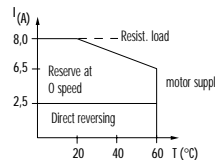
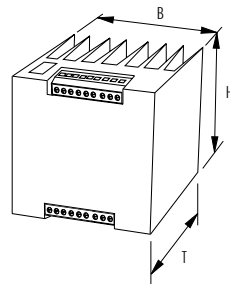
Technical data Output (contact)

Switching element triac with zero point switching
 Switched voltage min./max. 48...440 V AC
 Switched current min./max. 50 mA...8 A 50 mA...1 A
 Switching capability (motor) < 3,5 kW at 400 V ≈ cos. Φ = 0,8; at +60 °C < 3 kW < 0,75 kW
 Saturation voltage (across output) ≤ 1,6 V
 Leakage current (when output is open) ≤ 7 mA
 Switching time ON/OFF 35/10 ms
 Switching frequency resist./inductive 8/2 Hz

General data

Test insulation voltage 3,75 kV AC
 Temperature range -20...+60 °C
 Housing black module with cooling fins flame retardant plastic
 Mounting method DIN-rail mounting to EN 50022 DIN-rail mounting to EN 50022
 Dimensions H x B x T 85 x 90 x 108 mm 86 x 90 x 62 mm

Dimension drawing/Load curve



Notes

Accessories can be found in chapter 3.16