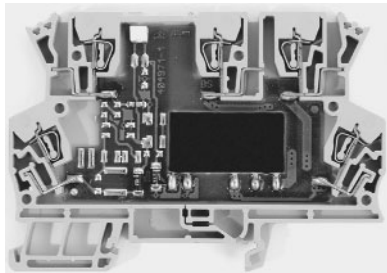


MCZ50

Solenoid Driver



Features:

- Ultra compact 6mm housing with top entry, tension clamp terminations
- High side high current power switch
- Mounts on 35mm DIN rail
- 5-30Vdc @ 10A resistive, 6A inductive
- 4000V Isolation
- LED status indication
- Input diode protection
- Load EMF protected

United States

Weidmüller Inc.
821 Southlake Blvd.
Richmond, Virginia 23236
Telephone: (800) 849-9343
Facsimile: (804) 379-2593
Email: info@weidmuller.com
Website: www.weidmuller.com

Canada

Weidmüller Ltd.
10 Spy Court
Markham, Ontario L3R 5H6
Telephone: (800) 268-4080
Facsimile: (905) 475-2798
Email: info1@weidmuller.ca
Website: www.weidmuller.ca

Mexico

Weidmüller, S.A. de C.V.
5 Sur No. 4311
Col. Huexotitla
72534 Puebla, Pue. Mexico
Telephone: (22) 37 2549
Facsimile: (22) 43 1981
Email: weidmull@acnet.net

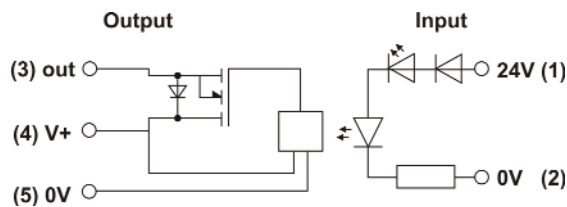
MCZ50

Rated data

Input		24Vdc nominal
Input voltage range		30Vdc
Turn-on		6.8Vdc @ 6A load
Turn-off		6.3Vdc @ 6A load
Nominal Operating current (typical)		5.0mA @ 24Vdc
Output		high side MOSFET switch (sourcing)
Output resistance (on state)		less than 10m Ω
Nominal switching voltage		5 to 34Vdc
Max. Continuous current		10A resistive, 6A inductive
Minimum switching current		5mA
Operate time (at nom. voltage)		1mS approx.
Release time (at nom. voltage)		1mS max.
Max. operating speed (50% mark space ratio)		50Hz (3000 operations per minute)
Operating temperature range		-40...+60 C
General		
Isolation	surge strength	4000V
Dimensions	terminal width	6mm
	width across rail	92mm
Height on rail (TS35 x 7.5)		56mm
Conductor size	solid	0.5...4.0mm (24-12AWG)
	flexible	0.5...2.5mm (24-14AWG)
Fuse/Circuit Breakers (recommended)		20A (65V) Slow Blow, breaking capacity 150A
Approvals		CE approved (CSA pending)
Weight		28g

Ordering data

MCZ50		Cat.No.
End Plate AP		794000 0063
End Brackets EW (for TS35)		838903 0000
Cross connection insulated, ZQV 4		038356 0000
		160895 0000
		160896 0000
		160897 0000
		160898 0000
		160899 0000
		160900 0000
		160901 0000
		160902 0000
		160903 0000



Provision for cross connections on terminals 1 - 4