



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



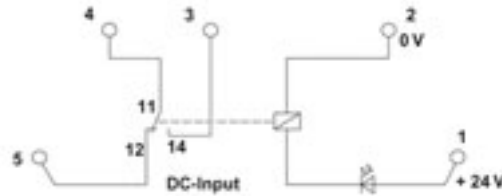
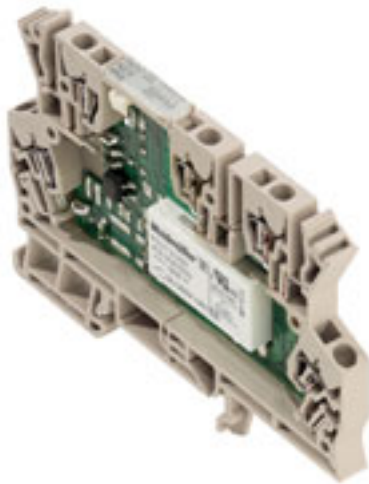
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





General ordering data

Order No.	8499550000
Part designation	MCZ R 24Vdc 1NO TRAK
Version	Relays, 1 NO contact, 24 V DC , 6 A, Tension clamp connection
EAN	4032248110353
Qty.	10 pc(s).

Input

Rated control voltage	24 V DC
Pull-in (sparkover) / drop-out voltage DC coil	7...14 V / 3...5 V
Rated current DC	11.5...16.5 V
Power rating	195...500 mW
Status indicator	Green LED
Max. reset time after voltage interruption	10 ms

Output

Bounce times	typically 1 ms
Continuous current	6 A
Max. switching frequency at rated load	0.1 Hz
Max. switching voltage AC	250 V
Min. switching power	12 V / 100 mA
Sparkover time / Drop-out time	< 6,5 ms / < 75 ms
Switch-off delay	typ. 38 ms
Switch-on delay	typically 6.5 ms

Contact data

Number of contacts	1
Contact base material	AgSnO
Mechanical service life	20*10 ⁶ switching cycles

Rated data

Climate	95% for 30 days, minimal condensation to EN 50155
Conductor	AWG 26...16

Rated data

Connection system	Tension clamp connection
Flexible, max.	1.5 mm ²
Solid, max.	1.5 mm ²
Ambient temperature (operational)	+85°C for 10 minutes -25 °C...+70 °C
Storage temperature	-40 °C...+85 °C

Insulation coordination (EN 50 178)

Clearance and creepage distances for control side ≥ 5.5 mm
- load side

Dielectric strength to mounting rail	4 kV / 1 min.
Impulse withstand voltage	4 kV (1.2/50 µs)
Overvoltage category	III
Pollution severity	2
Protection class	IP 20
Rated voltage	300 V
Secure separation acc. to VDE 0106 part 101	Yes

Dimensions

Clamping range, max.	2.5 mm ²
Clamping range, min.	0.5 mm ²
Clamping range, nom.	1.5 mm ²
Length	91 mm
Height	63.2 mm
Width	6 mm

Approvals

Approvals institutes **n.a.**

Classifications

ETIM 2.0	EC001437
ETIM 3.0	EC001437
eClass 4.1	40-02-06-14
eClass 5.0	27-37-16-01
eClass 5.1	27-37-16-01

Similar products

Order No.	Part designation	Version
8713890000	MCZ R 24Vdc 1CO TRAK	Relays, 1 CO contact, 24 V DC , 6 A, Tension clamp connection
8713900000	MCZ R 36Vdc 1CO TRAK	Relays, 1 CO contact, 36 V DC , 6 A, Tension clamp connection
8582130000	MCZ R 36Vdc 1NO TRAK	Relays, 1 NO contact, 36 V DC , 6 A, Tension clamp connection
8713910000	MCZ R 48...110Vdc 1CO TRAK	Relays, 1 CO contact, 48...110 V DC , 6 A, Tension clamp connection
8574070000	MCZ R 48...110Vdc 1NO TRAK	Relays, 1 NO contact, 48...110 V DC , 6 A, Tension clamp connection