

Dimensions (mm)
 tolerances according to DIN ISO 2768-m
 Toleranzen gem. DIN ISO 2768-m

Isometric
 Scale 1:1
 Masstab 1:1

Layout
 Top View
 Draufsicht

Marking
 according to EN60062/factory code
 gem. EN60062/Fertigungsstätte

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		1.080	1.200	1.320	Ohm
Coil voltage			24		VDC
Rated power			480		mW
Pull-In voltage				18	VDC
Drop-Out voltage		3,5			VDC

Contact data 90	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC/ with 40% overdrive			175	V
Switching current	DC or Peak AC/with 40% overdrive			0,5	A
Carry current	DC or Peak AC/ with 40% overdrive			1	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage	according to IEC 255-5	200			VDC
Operate time, incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			1,5	ms
Capacity	@ 10 kHz across open switch		1		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts			4		
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to IEC 255-5	2			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	1			TOhm
Case colour			grey		
Housing material			Polycarbonat		
Sealing compound			Polyurethan		
Connection pins			Copper alloy tin plated		
Magnetic Shield			no		
Reach / RoHS conformity			yes		



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Item No.:
8224490000
Item:
MRE24-4C90

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability					fully sealed

General data	Conditions	Min	Typ	Max	Unit
Total weight			13		g
Packaging					plastic tube a 17 pcs.

Modifications in the sense of technical progress are reserved

Designed at: 07.09.10 Designed by: WKOVACS
Last Change at: Last Change by:

Approval at: 07.09.10 Approval by: KOLBRICH
Approval at: 04.10.10 Approval by: CRUF

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