

Relay circuit unit (reed annunciator)

MYA-NA2 DC24

No Image
Available

Image

Nonlocking type/Single stable, Single, Plug-in terminal, Not equipped, 24 VDC 3 A, 220 VAC 3 A

Coil ratings	24 VDC 36.9 mA
Contact method	Single
Contact material	Ag
Contact rated load	220 VAC 3 A (Resistive load) 220 VAC 0.8 A (Inductive load (cos ϕ = 0.4)) 24 VDC 3 A (Resistive load) 24 VDC 1.5 A (Inductive load (L/R = 7 ms))
Terminal structure	Plug-in terminal

Ratings / Performance

Information update: 2020/07/16

Ratings

Degree of protection		Closed type (cover)
Terminal structure		Plug-in terminal
Coil	Coil ratings	24 VDC 36.9 mA
	Coil resistance	650 Ω
	Operate voltage (Set voltage)	80% max.
	Release voltage (Reset voltage)	10% min.
	Maximum voltage	110%
	Power consumption	Approx. 0.9 W
Contact	Contact rated load	220 VAC 3 A (Resistive load) 220 VAC 0.8 A (Inductive load (cos ϕ = 0.4)) 24 VDC 3 A (Resistive load) 24 VDC 1.5 A (Inductive load (L/R = 7 ms))
	Max. contact voltage	250 VAC 125 VDC
	Max. contact current	AC: 3 A DC: 3 A
	Maximum switching power	660 VA (Resistive load) 176 VA (Inductive load (cos ϕ = 0.4)) 72 W (Resistive load) 36 W (Inductive load (L/R = 7 ms))
	Contact method	Single
	Contact material	Ag

Performance

Contact resistance	50 m Ω max. (Voltage drop method with 5 VDC 1 A)
Operating time	20 ms max. (With rated operating power applied, 23 °C, not including contact bounce)
Reset time	20 ms max. (With rated operating power applied, 23 °C, not including contact bounce)
Maximum operating frequency	1800 time/h
Insulation resistance	Between contacts of different polarity: 100 M Ω min. (at 500 VDC)
Dielectric strength	Between contacts of different polarity: 1000 VAC 50/60 Hz 1 min
Vibration resistance (destruction)	10 to 55 to 10 Hz, 0.5-mm single amplitude (1-mm double amplitude)
Vibration resistance (Malfunction)	10 to 55 to 10 Hz, 0.5-mm single amplitude (1-mm double amplitude)

Shock resistance (destruction)	1000 m/s ²
Shock resistance (Malfunction)	200 m/s ²
Endurance (Mechanical)	100 million operations min. (switching frequency 18,000 operations/h)
Endurance (Electrical)	200,000 operations min. (23 °C, Rated load, switching frequency 1,800 operations/h)
Failure rate	1 VDC 1 mA (failure level: Preference value, Switching frequency: 120 operations per minute)
Ambient temperature (Operating)	-10 to 40 °C (with no freezing or condensation)
Ambient humidity (Operating)	5 to 85% RH
Mounting method	Socket

Information update: 2020/07/16