

832HA Miniature PCB-Relay

1 pole 40A



Technical data

Contact data

Type of contact	Single contact	
Configuration	1 CO / 1 NO	
Rated voltage	VAC	240
Rated current	A	40
Rated breaking capacity (cos φ = 1)	VA	9600
Contact material	AgSnO	

General data

Mechanical life	> oper.	10 x 10 ⁶
Electrical life at rated load on NO contact	> oper.	30 x 10 ³
Electrical life at rated load on NC contact	> oper.	10 x 10 ³
Max. switching rate at rated load	oper. / h	900
Max. operating time / Max. release time	ms	15 / 10
Dielectric strength contact / coil	≥ VAC	2500
Dielectric strength contact / contact	≥ VAC	1500
Insulation resistance at 500VDC	MΩ	1000
Ambiente temperature	°C	-55...+85
Shock resistance	g	>10
Safety approvals	UL/cUL	

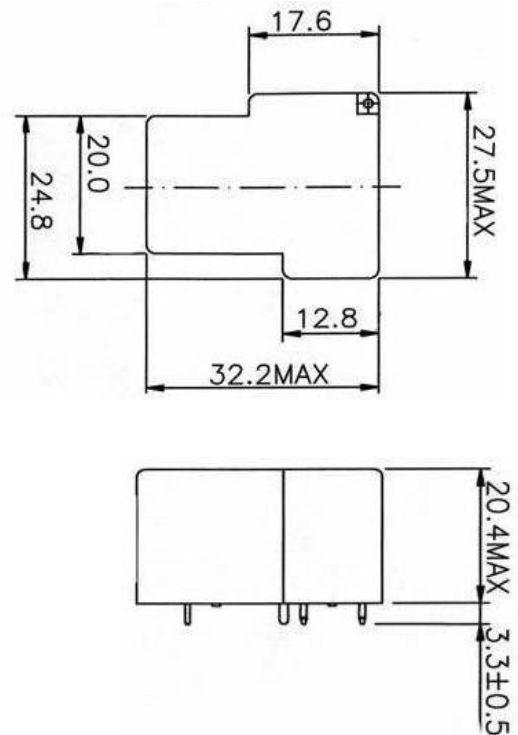
Coil data at + 20°C

Nominal voltage	VDC	6...48
Nominal coil power	W	0.93
Pull-in voltage	% of Un	80
Drop-out voltage	% of Un	10

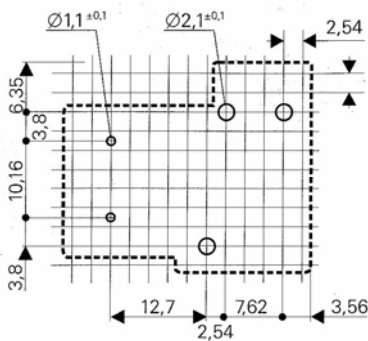
Rated voltage VDC	Coil resistance Ω±10%	Pull-in Voltage VDC	Drop-out Voltage VDC	Rated Current mA±10%
6	40	≤ 4.8	≥ 6.0	150
12	155	≤ 9.6	≥ 1.2	77
24	660	≤ 19.2	≥ 2.4	36
48	2560	≤ 38.4	≥ 4.8	18



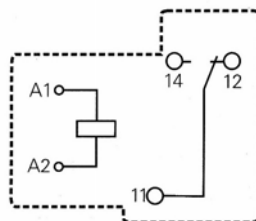
Dimensions



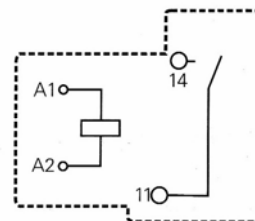
Wiring / PCB-layout



1 CO version



1 NO version



View on pins - Dimensions in mm

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Ordering key

1. 2. 3. 4. 5.

832HA	1C	F	C	12VDC
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Character 1	Type	832HA	
Character 2	Contact	1C = 1 CO 1A = 1 NO	
Character 3	UL class	F = Class F	
Character 4	Version	C = Flux tight V = Sealed S = Sealed washable	
Character 5	Coil code	6, 12, 24, 48VDC Bold = standard types	

Ordering key, example: **832HA1CFC 12VDC**

Miniature PCB-relay, flux tight, 1CO 40A, AgSnO, 12VDC coil, class F

SONG CHUAN EUROPE GmbH
Im Petersfeld 6
65624 Altendiez
Tel. (06432) 8006-0
Fax (06432) 8006-50
<http://www.songchuan.de>

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