

RELAYS & CONTACTORS

SE-MAGNECRAFT RELAYS 782, 783, 784 SERIES



Schneider
Electric

DESCRIPTION

The **Schneider Electric 782, 783, and 784 Series** are DPDT, 3PDT, and 4PDT plug-in style relays available with common AC and DC coil voltages. They are equipped with a mechanical flag indicator to show relay status in the manual or powered condition. Full-featured versions of these relays also include a bi-polar LED to show coil "on" or "off" status, a push button that allows momentary manual operation without the need for coil power, and a removable lock-down door that can hold the push button and relay contacts in the operate position.

FEATURES

- DPDT, 3PDT, 4PDT configurations
- Flag indicator versions
- Optional LED and momentary/maintained pushbutton
- DIN rail/surface mount sockets
- Mating sockets:

782: 70-782D-8-1
783: 70-783D-11-1
784: 70-784D-14-1



SPECIFICATIONS

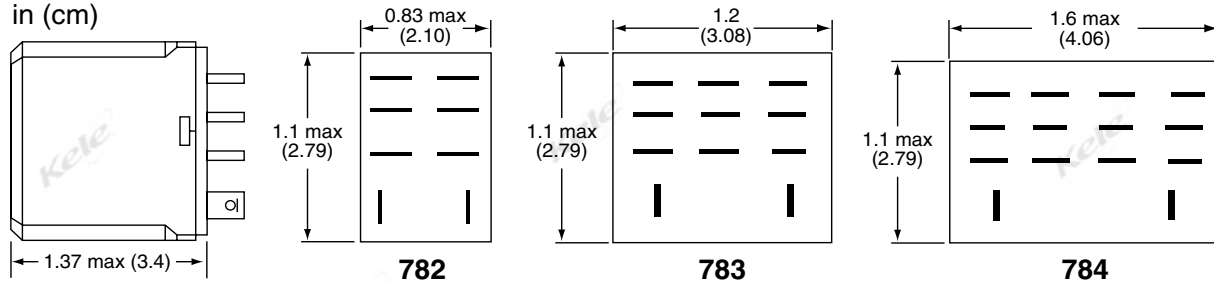
MODEL RELAY	782	783	784
Relay Socket	70-782D8-1	70-783D-11-1	70-784D14-1
COIL			
Pull-in Voltage AC (50/60 Hz)	≤85% of nominal	≤85% of nominal	≤85% of nominal
Pull-in Voltage DC	≤80% of nominal	≤80% of nominal	≤80% of nominal
Dropout Voltage AC/DC	≥10% of nominal	≥10% of nominal	≥10% of nominal
Maximum Voltage	110% of nominal	110% of nominal	110% of nominal
Coil Power AC (60 Hz)	1.2VA	1.5VA	1.5VA
Coil Power DC	0.9W	1.7W	2.0W
Duty	Continuous	Continuous	Continuous
Contacts	DPDT	3PDT	4PDT
Contact Material	Silver Alloy	Silver Alloy	Silver Alloy
Contact Rating	15A @ 150 VAC 10A @ 277 VAC 15A @ 28 VDC 1/2 hp @ 120 VAC 1 hp @ 277 VAC	15A @ 150 VAC 10A @ 277 VAC 15A @ 28 VDC 1/2 hp @ 120 VAC 1 hp @ 277 VAC	15A @ 150 VAC 10A @ 277 VAC 15A @ 28 VDC 1/2 hp @ 120 VAC 1 hp @ 277 VAC
Minimum load	100 mA @ 5 VDC or 0.5W	100 mA @ 5 VDC or 0.5W	100 mA @ 5 VDC or 0.5W
Indicator Version "M4L"	LED & Flag	LED & Flag	LED & Flag
Manual Override Version "M4L"	Push Button	Push Button	Push Button
DIELECTRIC STRENGTH			
Coil To Contacts	2000 Vrms	2000 Vrms	2000 Vrms
Across Open Contacts	1500 Vrms	1500 Vrms	1500 Vrms
Pole to Pole	2000 Vrms	2000 Vrms	2000 Vrms
GENERAL			
Operate Time	20 msec	20 msec	20 msec
Release Time	20 msec	20 msec	20 msec
Electrical Life @ Rated Load	100,000 operations	100,000 operations	100,000 operations
Mechanical life @ No Load	10,000,000 operations	10,000,000 operations	10,000,000 operations
Operating Position/Orientation	Any	Any	Any
Operating Temperature	-40° to 131°F (-40° to 55°C)	-40° to 131°F (-40° to 55°C)	-40° to 131°F (-40° to 55°C)
Weight	0.08 lb (0.036 Kg)	0.13 lb (0.06 Kg)	0.18 lb (0.08 Kg)
Agency Approvals	UL-recognized component File #E43641, CSA certified File 40787, CE: IEC 61810-1	UL-recognized component File #E43641, CSA certified File 40787, CE: IEC 61810-1	UL-recognized component File #E43641, CSA certified File 40787, CE: IEC 61810-1
Warranty	1 year	1 year	1 year



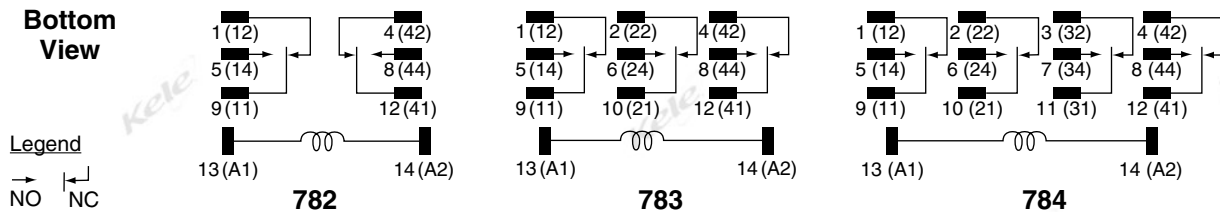
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DIMENSIONS



WIRING



Numbers correspond to Magnecraft socket terminals. Numbers in parentheses correspond to other brand socket terminals.

ORDERING INFORMATION

Model	Description
KIT	Includes relay and mating socket. Leave blank to order the relay only .
782XBXC	DPDT relay with flag indicator (includes 70-783D11-1 socket)
783XCXC	3PDT relay with flag indicator (includes 70-783D11-1 socket)
784XDXC	4PDT relay with flag indicator (includes 70-784D14-1 socket)
12D	12 VDC coil (782XBXC only)
24D	24 VDC coil
24A	24 VAC coil
120A	120 VAC coil
240A	240 VAC coil (782XBXC only)

KIT - **782XBXC** - **24A** Example: **KIT-782XBXC-24A** DPDT relay with 24 VAC coil and 70-782D8-1 socket included.

Model	Description
782XBXM4L	DPDT relay with flag, LED, momentary/maintained push button (requires 70-782D8-1 socket)
783XCXM4L	3PDT relay with flag, LED, momentary/maintained push button (requires 70-783D11-1 socket)
784DXM4L	4PDT relay with flag, LED, momentary/maintained push button (requires 70-784D14-1 socket)
12D	12 VDC coil
24D	24 VDC coil
24A	24 VAC coil
120A	120 VAC coil
240A	240 VAC coil

782XBXM4L - **24A** Example: **782XBXM4L-24A** DPDT relay with 24 VAC coil, LED, and push button (socket not included).

ACCESSORIES

- 70-782D8-1** Relay socket, DPDT, use with 782 Series relays, din/surface mount
- 70-783D11-1** Relay socket, 3PDT, use with 783 Series relays, din/surface mount
- 70-784D14-1** Relay socket, 4PDT, use with 784 Series relays, din/surface mount