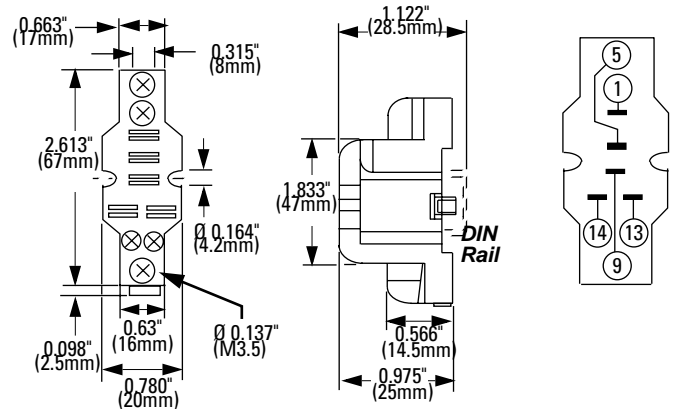
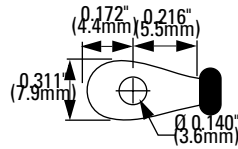


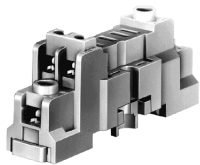
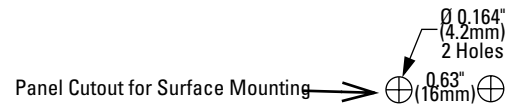
**SH Series: DIN Rail Snap-Mount Sockets**

**SH1B Sockets**



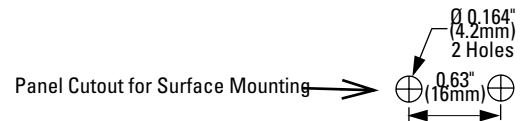
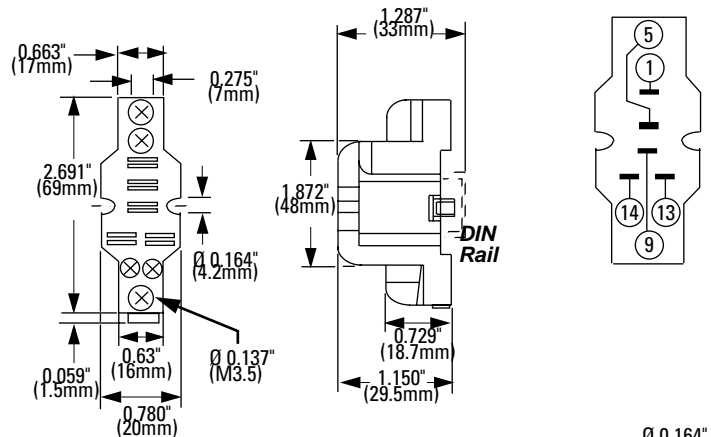
**SH1B-05**

<b>Style</b>	5-blade, snap-mount/surface mount
<b>Terminal</b>	(Coil) M3 screws/(contact) M3.5 screws with captive wire clamp
<b>Wire Size</b>	Maximum up to 2-#12AWG
<b>Electrical Rating</b>	250V, 10A
<b>Compatible Relay</b>	RH1B
<b>Hold-Down Spring</b>	SY2S-02F1
<b>Hold-Down Clip</b>	SFA-101 (top notch), SFA-202 (side notch)



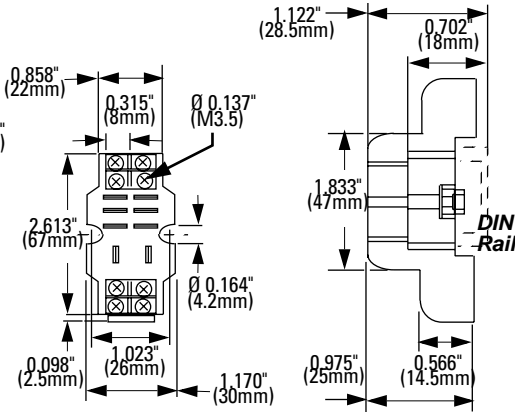
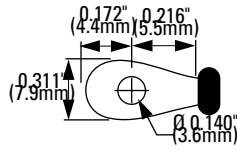
**SH1B-05C Fingersafe**

<b>Style</b>	5-blade, snap-mount/surface mount
<b>Terminal</b>	(Coil) M3 screws/(contact) M3.5 screws with captive wire clamp, fingersafe
<b>Wire Size</b>	Maximum up to 2-#12AWG
<b>Electrical Rating</b>	250V, 10A
<b>Compatible Relay</b>	RH1B
<b>Hold-Down Spring</b>	SY2S-02F1
<b>Hold-Down Clip</b>	SFA-101 (top notch), SFA-202 (side notch)

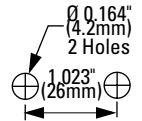
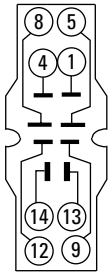


1. For socket mounting accessories, see page F-24.
2. For hold-down clip/spring selections, see page F-4.

### SH2B Sockets



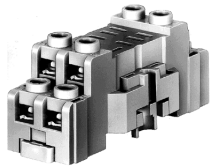
**Terminal Arrangements**  
(top view)



#### SH2B-05

<b>Style</b>	8-blade, snap-mount/surface mount
<b>Terminal</b>	M3.5 screws with captive wire clamp
<b>Wire Size</b>	Maximum up to 2-#12AWG
<b>Electrical Rating</b>	300V, 10A
<b>Compatible Relay</b>	RH2B
<b>Hold-Down Spring</b>	SY4S-02F1
<b>Hold-Down Clip</b>	SFA-101 (top notch), SFA-202 (side notch)

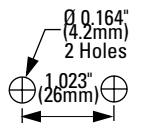
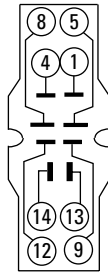
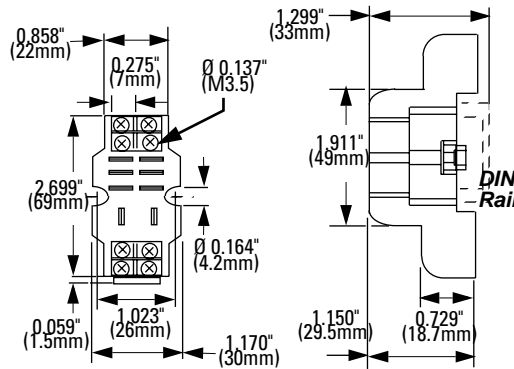
Panel Cutout for Surface Mounting →



F

#### SH2B-05C Fingersafe

<b>Style</b>	8-blade, snap-mount/surface mount
<b>Terminal</b>	M3.5 screws with captive wire clamp, fingersafe
<b>Wire Size</b>	Maximum up to 2-#12AWG
<b>Electrical Rating</b>	300V, 10A
<b>Compatible Relay</b>	RH2B
<b>Hold-Down Spring</b>	SY4S-02F1
<b>Hold-Down Clip</b>	SFA-101 (top notch), SFA-202 (side notch)

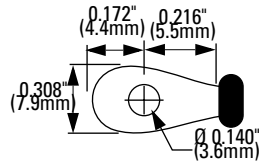
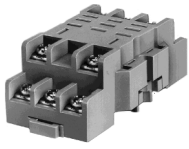


Panel Cutout for Surface Mounting →



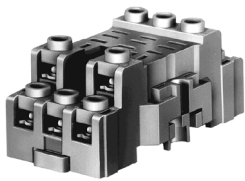
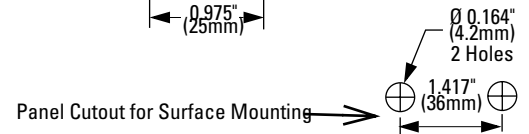
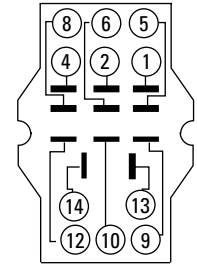
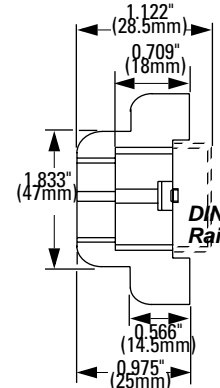
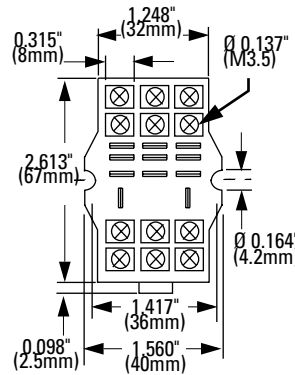
1. For socket mounting accessories, see page F-24.
2. For hold-down clip/spring selections, see page F-4.

**SH3B Sockets**



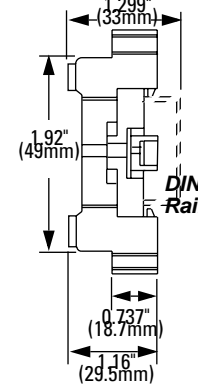
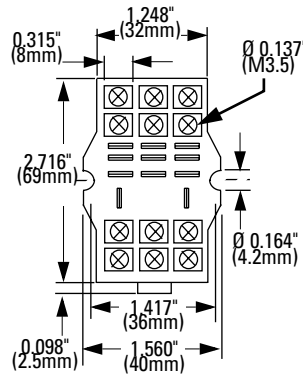
**SH3B-05**

<b>Style</b>	11-blade, snap-mount/surface mount
<b>Terminal</b>	M3.5 screws with captive wire clamp
<b>Wire Size</b>	Maximum up to 2-#12AWG
<b>Electrical Rating</b>	300V, 10A
<b>Compatible Relay</b>	RH3B, RH2LB
<b>Hold-Down Spring</b>	SH3B-05F1
<b>Hold-Down Clip</b>	SFA-101 (top notch), SFA-202 (side notch)

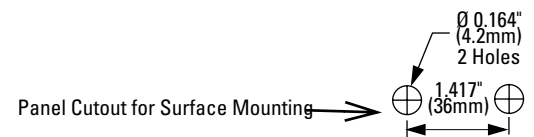
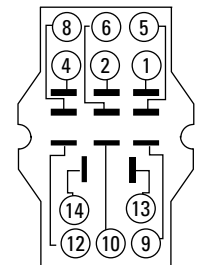


**SH3B-05C Fingersafe**

<b>Style</b>	11-blade, snap-mount/surface mount
<b>Terminal</b>	M3.5 screws with captive wire clamp, fingersafe
<b>Wire Size</b>	Maximum up to 2-#12AWG
<b>Electrical Rating</b>	300V, 10A
<b>Compatible Relay</b>	RH3B, RH2LB
<b>Hold-Down Spring</b>	SH3B-05F1
<b>Hold-Down Clip</b>	SFA-101 (top notch), SFA-202 (side notch)

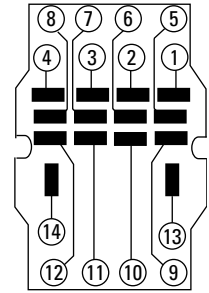
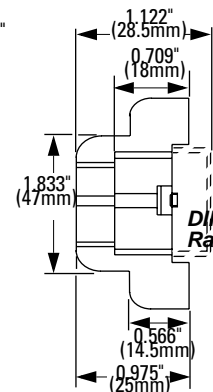
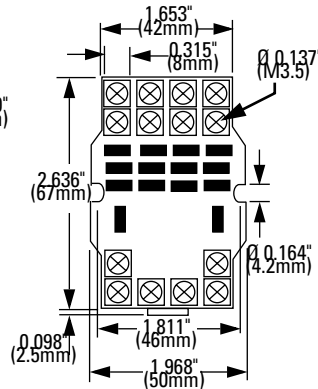
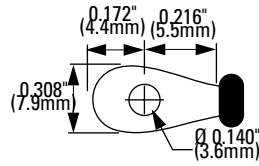


**Terminal Arrangements**  
(top view)



1. For socket mounting accessories, see page F-24.
2. For hold-down clip/spring selections, see page F-4.

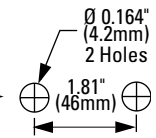
### SH4B Sockets



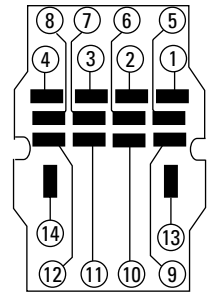
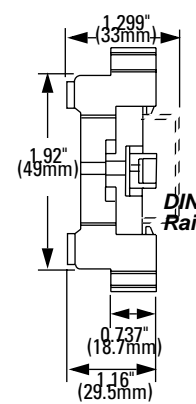
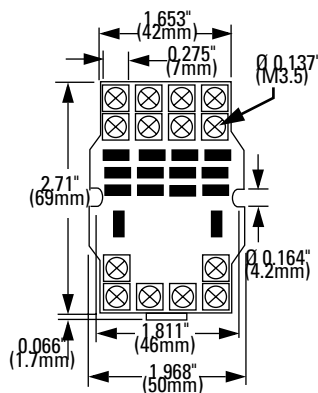
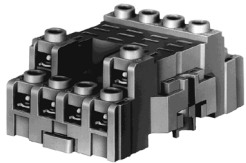
#### SH4B-05

<b>Style</b>	14-blade, snap-mount/surface mount
<b>Terminal</b>	M3.5 screws with captive wire clamp
<b>Wire Size</b>	Maximum up to 2-#12AWG
<b>Electrical Rating</b>	300V, 10A
<b>Compatible Relay</b>	RH4B
<b>Hold-Down Spring</b>	SH4B-02F1
<b>Hold-Down Clip</b>	SFA-101 (top notch), SFA-202 (side notch)

Panel Cutout for Surface Mounting →



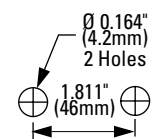
### F



#### SH4B-05C Fingersafe

<b>Style</b>	14-blade, snap-mount/surface mount
<b>Terminal</b>	M3.5 screws with captive wire clamp, fingersafe
<b>Wire Size</b>	Maximum up to 2-#12AWG
<b>Electrical Rating</b>	300V, 10A
<b>Compatible Relay</b>	RH4B
<b>Hold-Down Spring</b>	SH4B-02F1
<b>Hold-Down Clip</b>	SFA-101 (top notch), SFA-202 (side notch)

Panel Cutout for Surface Mounting →



1. For socket mounting accessories, see page F-24.
2. For hold-down clip/spring selections, see page F-4.

Accessories

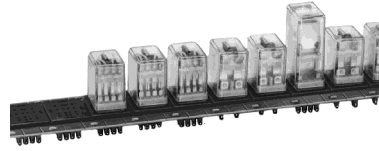
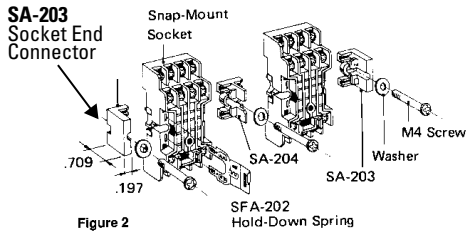


Figure 2

Description	Appearance	Use with	Part No.	Remarks
<b>Aluminum DIN Rail</b> (1 meter length)		All DIN rail sockets	BNDN1000	'DEC offers a low-profile DIN rail (BNDN-1000). The BNDN-1000 is designed to accommodate snap-mount sockets and surface mount sockets. Made of durable extruded aluminum, the BNDN-1000 measures 0.413" in height and 1.37" (35mm) in width (DIN standard). Standard length is 39" (1,000mm).
<b>DIN Rail End Stop</b>		BNDN1000 DIN rail	BNL5	9.1 mm wide.
<b>Surface Mount End Connector</b>		SY2S, SY4S, SR3B, SH1B, SH2B, SH3B, SH4B	SA-203	For use on ends of socket groupings when surface mounting.
			SA-204	For use between adjoining sockets when surface mounting.
<b>Surface Mount Connector</b>		SY2S, SY4S, SR3B, SH1B, SH2B, SH3B, SH4B	SA-405	For use between adjoining sockets when surface mounting.
<b>DIN Rail Spacer</b>		All DIN rail sockets	SA-406	
<b>Steel Mounting Plates</b> (for panel mount sockets)		SY4S-51, SH2B-51	SA-402	11.42" length with 10 holes.
		SY4S-51, SH2B-51	SA-403	23.33" length with 21 holes.
<b>Relay Holders</b>		RH2B, RM2S, RY4S, RY42S, RY2LS, RAMB, RBMB	RH-01	For diagram, see next page.
		RY2S, RAHB, RBHB, RH1B	RH-03	
<b>Replacement Hold-Down Spring Anchor</b> (horseshoe clip)		All DIN rail sockets	Y778-011	For use with hold-down springs (bale wire types) or DIN rail mount sockets. 2 pieces included with each socket.

F

**Instructions**

**Mounting Snap-Mount Sockets**

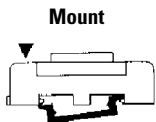


Figure 1

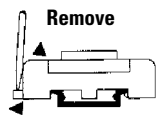


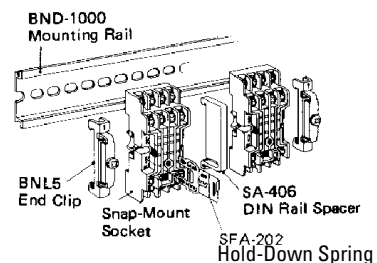
Figure 2

Snap-mount sockets are designed to mount on the BNDN-1000 mounting rail. The built-in mounting clip eliminates mounting hardware and reduces mounting time by 80%.

To mount see Figure 1. Place the end of the socket (end opposite of mounting clip against the outer edge of the rail). Press the socket down firmly until the clip snaps onto the mounting rail. To remove see Figure 2. Pull out the mounting clip with a screwdriver, and lift the socket.

For spacing between adjoining sockets, use the SA-406 DIN rail spacer. Spacers are 0.195" wide. Spacing can be adjusted according to the number of spacers added. Spacers snap on and off easily like snap-mount sockets.

To prevent side-to-side movement, use a BNL-5 end clip at **each** end of every socket row.



**Mounting Relay Holders**

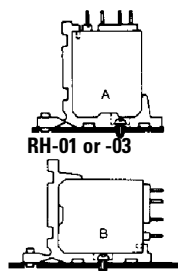


Figure 1

Mount directly onto panel boards in two alternate positions: A and B (see Figure 1).

To mount the relay into the holder, hook the bottom edge of the relay case (coil terminal side) onto the relay holder (see Figure 2).

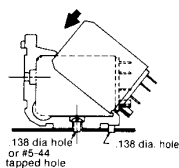


Figure 2

Push down until the relay snaps into place.

**Mounting Hold-Down Springs**

Take the two anchor clips (horseshoe / U-shaped piece) that come with the socket and insert into the slits on both sides of the socket. Make sure the raised notches on the anchor clip face into the socket.

Plug relay into socket

Insert the open ends of the hold-down spring into either the first or second hole of the anchor clip. The relay-spring combination will determine which hole should be used.

Slide spring over relay.

F