

# 3.7

## Control Relays and Timers

### Machine Tool Relays

3

#### Product Selection

##### When Ordering, Specify

- Catalog number of basic relay with 120/60, 110/50 AC coil from AR/ARD Relays table.
- If a coil voltage other than listed is required, select the suffix code from the Coil Voltage table below and substitute it for the last letter in the catalog number. Example: AR64**V** for a 110/60 AC coil.

#### AR/ARD Relays



#### AR/ARD Relays

Number of Poles	Contact			AR 600 Vac Relays 120/60, 110/50 AC Coil	ARD 600 Vdc Relays 120 DC Coil
	NO	NC	Blank Cavities	Catalog Number	Catalog Number
4	0	0	4	AR4A	ARD4S
	2	0	2	AR420A	ARD420S
	4	0	0	AR440A	ARD440S
6	0	0	6	AR6A	ARD6S
	4	0	2	AR640A	—
	6	0	0	AR660A	ARD660S
8 <sup>1</sup>	6	0	2	AR860A	ARD860S <sup>2</sup>
	8	0	0	AR880A	ARD880S
10 <sup>1</sup>	10	0	0	AR10100A	ARD10100S

#### Coil Voltage

AR Coils			ARD Coils	
Volts AC	Hz	Suffix Code	Volts DC	Suffix Code
12	60	F	12	D
24	60	I	24	L
48	60	G	48	M
110	60	V	95	B
110/120	50/60	A	120	S
208	60	B	130	U
220/240	50/60	W	240	T
277	60	C		
380/440	50/60	H		
440/480	50/60	X		
550	60	D		
550/600	50/60	E		

#### Contact Cartridges—600V

Terminal Type	Standard Contact Cartridge	Overlap Contact Cartridge
	Catalog Number <sup>3</sup>	Catalog Number <sup>4</sup>
<b>AC Cartridges</b>		
With clamp terminals	ARC	AROC
With screw terminals	ARCR	AROCR
<b>DC Cartridges</b>		
With clamp terminals	ARDC	ARDOC
With screw terminals	ARDCR	ARDOCR

##### Notes

- <sup>1</sup> Will not accept top-mounted latch or timers.
- <sup>2</sup> Contact Customer Support Center for availability.
- <sup>3</sup> Standard cartridges are sold in cartons of four cartridges. Catalog number is for single cartridge.
- <sup>4</sup> Overlap contact cartridges are sold in sets of two cartridges. Catalog number is for sets of two.