



Selection and ordering data

Siemens offers a wide range of plug-in relays to meet your industrial needs. Basic style relays are the most economical and are equipped with a mechanical flag indicator only. Premium style relays are full featured with LED and mechanical flag indication, push to test button and typically a latching hold down door which provides a method of activating the contacts without applying power to the coil. This feature is very handy during commissioning and troubleshooting. Premium Bifurcated style relays are ideal for low minimum holding current requirements on the contacts. Typical minimum holding current for bifurcated contacts is 3mA instead of 100mA.

Relays are divided up by the following functions for selection:

- Base style
- Contact Arrangement
- Contact Rating
- Coil Voltage
- Optional Features (Basic, Premium and Premium Bifurcated)

Square Base (Narrow)

Contacts	Contact Rating (A)	Coil Voltage	Basic Relay	Premium Relay	Premium Bifurcated	Uses Socket 3TX7144-	Uses Clip 3TX7144-	Socket Access Set	Panel Mount Adaptor 3TX7144-	DIN Rail Mount Adaptor 3TX7144-
SPDT	20	12 VDC	3TX7109-5BB03C	3TX7109-5JB03	—	3TX7144-4E6	1L6	B	3L7	3L6
		24 VDC	3TX7109-5BC03C	3TX7109-5JC03	—	3TX7144-4E6	1L6	B	3L7	3L6
		24 VAC	3TX7109-5BC13C	3TX7109-5JC13	—	3TX7144-4E6	1L6	B	3L7	3L6
		120 VAC	3TX7109-5BF13C	3TX7109-5JF13	—	3TX7144-4E6	1L6	B	3L7	3L6
		230 VAC	3TX7109-5BG13C	3TX7109-5JG13	—	3TX7144-4E6	1L6	B	3L7	3L6
SPDT	20A for Basic and Premium and 3A for Bifurcated	12 VDC	3TX7110-5BB03C	3TX7110-5JB03	3TX7110-5JB03B	3TX7144-4E7	1L7	B	3L5	3L4
		24 VDC	3TX7110-5BC03C	3TX7110-5JC03	3TX7110-5JC03B	3TX7144-4E7	1L7	B	3L5	3L4
		24 VAC	3TX7110-5BC13C	3TX7110-5JC13	3TX7110-5JC13B	3TX7144-4E7	1L7	B	3L5	3L4
		120 VAC	3TX7110-5BF13C	3TX7110-5JF13	3TX7110-5JF13B	3TX7144-4E7	1L7	B	3L5	3L4
		230 VAC	3TX7110-5BG13C	3TX7110-5JG13	3TX7110-5JG13B	3TX7144-4E7	1L7	B	3L5	3L4
DPDT	10A for Basic and Premium and 3A for Bifurcated	24 VDC	3TX7111-3DC03C	3TX7111-3LC03	3TX7111-3LC03B	3TX7144-4E5	1L6	B	3L7	3L6
		24 VAC	3TX7111-3DC13C	3TX7111-3LC13	3TX7111-3LC13B	3TX7144-4E5	1L6	B	3L7	3L6
		120 VAC	3TX7111-3DF13C	3TX7111-3LF13	3TX7111-3LF13B	3TX7144-4E5	1L6	B	3L7	3L6
DPDT	20	12 VDC	3TX7114-5DB03C	3TX7114-5LB03	—	3TX7144-4E6	1L6	B	3L7	3L6
		24VDC	3TX7114-5DC03C	3TX7114-5LC03	—	3TX7144-4E6	1L6	B	3L7	3L6
		24VAC	3TX7114-5DC13C	3TX7114-5LC13	—	3TX7144-4E6	1L6	B	3L7	3L6
		110 VDC	3TX7114-5DF03C	3TX7114-5LF03	—	3TX7144-4E6	1L6	B	3L7	3L6
		120 VAC	3TX7114-5DF13C	3TX7114-5LF13	—	3TX7144-4E6	1L6	B	3L7	3L6
		240 VAC	3TX7114-5DH13C	3TX7114-5LH13	—	3TX7144-4E6	1L6	B	3L7	3L6
3PDT	15	12 VDC	3TX7116-5FB03C	3TX7116-5NB03	—	3TX7144-4E8	1L9	A	1M3	1M4
		24VDC	3TX7116-5FC03C	3TX7116-5NC03	—	3TX7144-4E8	1L9	A	1M3	1M4
		24VAC	3TX7116-5FC13C	3TX7116-5NC13	—	3TX7144-4E8	1L9	A	1M3	1M4
		48 VDC	3TX7116-5FD03C	3TX7116-5ND03	—	3TX7144-4E8	1L9	A	1M3	1M4
		110 VDC	3TX7116-5FF03C	3TX7116-5NF03	—	3TX7144-4E8	1L9	A	1M3	1M4
		120 VAC	3TX7116-5FF13C	3TX7116-5NF13	—	3TX7144-4E8	1L9	A	1M3	1M4
		230 VAC	3TX7116-5FG13C	3TX7116-5NG13	—	3TX7144-4E8	1L9	A	1M3	1M4
		240 VAC	3TX7116-5FH13C	3TX7116-5NH13	—	3TX7144-4E8	1L9	A	1M3	1M4
4PDT	10A for Basic and Premium and 3A for Bifurcated	12 VDC	3TX7111-3HB03C	3TX7111-3PB03	3TX7111-5PB03B	3TX7144-4E5	1L6	B	3L7	3L6
		24VDC	3TX7111-3HC03C	3TX7111-3PC03	3TX7111-5PC03B	3TX7144-4E5	1L6	B	3L7	3L6
		24VAC	3TX7111-3HC13C	3TX7111-3PC13	3TX7111-5PC13B	3TX7144-4E5	1L6	B	3L7	3L6
		120 VAC	3TX7111-3HF13C	3TX7111-3PF13	3TX7111-5PF13B	3TX7144-4E5	1L6	B	3L7	3L6
		230 VAC	3TX7111-3HG13C	3TX7111-3PG13	3TX7111-5PG13B	3TX7144-4E5	1L6	B	3L7	3L6
4PDT	15	12 VDC	3TX7117-5HB03C	3TX7117-5PB03	—	3TX7144-4E9	1L10	A	1M5	1M6
		24VDC	3TX7117-5HC03C	3TX7117-5PC03	—	3TX7144-4E9	1L10	A	1M5	1M6
		24VAC	3TX7117-5HC13C	3TX7117-5PC13	—	3TX7144-4E9	1L10	A	1M5	1M6
		120 VAC	3TX7117-5HF13C	3TX7117-5PF13	—	3TX7144-4E9	1L10	A	1M5	1M6
		220/230 VAC	3TX7117-5HG13C	3TX7117-5PG13	—	3TX7144-4E9	1L10	A	1M5	1M6
		240 VAC	3TX7117-5HH13C	3TX7117-5PH13	—	3TX7144-4E9	1L10	A	1M5	1M6

Option	Basic	Premium	Premium Bifurcated
Mechanical Flag	✓	✓	✓
Push To Test		✓	✓
Lock Down Door		✓	✓
LED		✓	✓

Note: See page 11/84 for socket accessories.