

R10 Series Relay

- 1 through 8 form C (CO) contact arrangement
- Broad range of coil options provides sensitivity ranging from 25 to 750mW
- Various contacts switch from dry circuit to 7.5 amps
- Many mounting and termination options

Typical applications

Coin changers, audio equipment, elevators, traffic controls, ultrasonic test equipment, parking toll readers.



Approvals

UL E29244; CSA LR15734

Technical data of approved types on request.

Contact Data

| | |
|--|----------------------------------|
| Contact arrangement | 1, 2, 3, 4, 6 and 8 form C (CO) |
| Rated voltage | 120VAC |
| Rated current | 7.5A |
| Contact material | Ag, AgCdO, Au overlay Ag, AuPtAg |
| Contact style | Single or bifurcated crossbar |
| Min. recommended contact load | |
| W type, AgCdO, single contact | 300mA, 12VDC |
| X type, AgCdO, single contact | 300mA, 12VDC |
| M type, AgCdO, bifurcated contact | 300mA, 12VDC |
| Y type, Ag, single contact | 100mA, 12VDC |
| Z type, Ag, bifurcated crossbar | 1mA, 12VDC |
| P type, Au overlay Ag, bifurcated crossbar | dry circuit |
| L type, AuPtAg, bifurcated crossbar | dry circuit |
| Initial contact resistance | |
| All AgCdO contact types | 100mΩ |
| All other contact materials and types | 50mΩ |
| Frequency of operation | 360 ops./hr |

Contact ratings

| Type | Load | Cycles |
|---|-------------------------------|---------------------|
| UL 508 | | |
| W type, AgCdO, single contact | | |
| | 7.5A, 120VAC, resistive | |
| | 7.5A, 28VDC, resistive | |
| | 1/8HP, 120VAC, same polarity | |
| | 1/6HP, 240VAC, same polarity | |
| X type, AgCdO, single contact | | |
| | 2A, 30VDC, resistive | 100x10 ³ |
| | 5A, 120VAC, resistive | 6x10 ³ |
| | 5A, 30VDC, resistive | 100x10 ³ |
| | 1/20HP, 120VAC, same polarity | |
| | 1/10HP, 240VAC, same polarity | |
| M type, AgCdO, bifurcated contact | | |
| | 5A, 120VAC, resistive | 6x10 ³ |
| | 5A, 28VDC, resistive | 6x10 ³ |
| Y type, Ag, single contact | | |
| | 2A, 120VAC | 6x10 ³ |
| | 2A, 28VDC | 6x10 ³ |
| | 250VA, 250VAC | 30x10 ³ |
| | 125VA, 125VAC | 100x10 ³ |
| Z type, Ag, bifurcated crossbar contact | | |
| | 3A, 120VAC | 6x10 ³ |
| | 3A, 28VDC | 6x10 ³ |
| | 2A, 30VDC | 100x10 ³ |

Contact ratings (continued)

| Type | Load | Cycles |
|--|--|---------------------|
| UL 508 | | |
| P type, Au overlay Ag, bifurcated crossbar contact | | |
| | 2A, 120VAC, resistive | 100x10 ³ |
| | 3 A, 120 VAC, resistive | 6x10 ³ |
| | 3 A, 30 VDC, resistive | 100x10 ³ |
| L type, AuPtAg, bifurcated crossbar contact | | |
| | 500mA, 28VDC, resistive | 6x10 ³ |
| Mechanical endurance | 10x10 ⁶ ops., except W type is 1x10 ⁶ ops. | |

Coil Data

| | |
|--------------------|---|
| Coil voltage range | 3 to 115VDC 4.5mA to 20mA 6 to 115VAC |
|--------------------|---|

Coil versions, DC coil

| Coil code | Rated voltage VDC | Operate voltage VDC | Coil resistance Ω±10% | Rated coil power mW |
|------------------------------------|-------------------|---------------------|-----------------------|---------------------|
| V - standard DC voltage adjustment | | | | |
| 1, 2 and 4 pole | | | | |
| V10 | 3 | 2.25 | 10 | 900 |
| V28 | 5 | 3.75 | 28 | 900 |
| V52 | 6 | 4.5 | 52 | 900 |
| V185 | 12 | 9 | 185 | 900 |
| V700 | 24 | 18 | 700 | 900 |
| V2.5K | 48 | 36 | 2500 | 900 |
| V5.8K | 72 | 54 | 5800 | 900 |
| V15.0K | 115 | 86 | 15000 | 900 |
| 6 pole | | | | |
| V6 | 3 | 2.25 | 6 | 1,500 |
| V16 | 5 | 3.75 | 16 | 1,600 |
| V25 | 6 | 4.5 | 25 | 1,500 |
| V90 | 12 | 9 | 90 | 1,600 |
| V430 | 24 | 18 | 430 | 1,400 |
| V1.5K | 48 | 36 | 1500 | 1,600 |
| V3.5K | 72 | 54 | 3500 | 1,500 |
| V9.0K | 115 | 86 | 9000 | 1,500 |
| 8 pole | | | | |
| V5 | 3 | 2.25 | 5 | 1,800 |
| V14 | 5 | 3.75 | 14 | 1,800 |
| V20 | 6 | 4.5 | 20 | 1,800 |
| V72 | 12 | 9 | 72 | 2,000 |
| V350 | 24 | 18 | 350 | 1,700 |
| V1.25K | 48 | 36 | 1250 | 1,900 |
| V2.8K | 72 | 54 | 2800 | 1,900 |
| V8.0K | 115 | 86 | 8000 | 1,700 |

All figures are given for coil without preenergization, at ambient temperature +23°C.

R10 Series Relay (Continued)

Coil versions, DC coil (continued)

| Coil code | Rated voltage VDC | Operate voltage VDC | Coil resistance $\Omega \pm 10\%$ | Rated coil power mW |
|---|-------------------|---------------------|-----------------------------------|---------------------|
| Q - special DC voltage adjustment | | | | |
| 1 and 2 pole | | | | |
| Q52 | 5 | 3.1 | 52 | 500 |
| Q110 | 6 | 4.5 | 110 | 350 |
| Q450 | 12 | 9.2 | 450 | 350 |
| Q1.8K | 24 | 17.4 | 1,800 | 350 |
| Q7.5K | 48 | 36.2 | 7500 | 310 |
| Q15.0K | 72 | 49.5 | 15000 | 350 |
| Q30.0K | 115 | 67.5 | 30000 | 450 |
| 3 and 4 pole | | | | |
| Q32 | 5 | 3.8 | 32 | 800 |
| Q52 | 6 | 4.2 | 52 | 700 |
| Q185 | 12 | 8.4 | 185 | 800 |
| Q1.0K | 24 | 17.2 | 1000 | 600 |
| Q3.2K | 48 | 31.1 | 3200 | 750 |
| Q7.5K | 72 | 49.3 | 7500 | 700 |
| Q15.0K | 115 | 67.5 | 15000 | 900 |
| S - sensitive DC voltage adjustment | | | | |
| 1 and 2 pole | | | | |
| S50 | 3 | 2.25 | 50 | 180 |
| S140 | 5 | 3.75 | 140 | 180 |
| S200 | 6 | 4.5 | 200 | 180 |
| S800 | 12 | 9 | 800 | 180 |
| S3.2K | 24 | 18 | 3200 | 180 |
| S13.0K | 48 | 36 | 13000 | 180 |
| S28.0K | 72 | 54 | 28000 | 190 |
| S50.0K | 115 | 86 | 50000 | 270 |
| 3 and 4 pole | | | | |
| S30 | 3 | 2.25 | 30 | 300 |
| S80 | 5 | 3.75 | 80 | 350 |
| S110 | 6 | 4.5 | 110 | 350 |
| S450 | 12 | 9 | 450 | 350 |
| S1.8K | 24 | 18 | 1800 | 350 |
| S7.5K | 48 | 36 | 7500 | 300 |
| S16.0K | 72 | 54 | 16000 | 350 |
| S40.0K | 115 | 86 | 40000 | 350 |
| 6 pole | | | | |
| S20 | 3 | 2.25 | 20 | 500 |
| S56 | 5 | 3.75 | 56 | 500 |
| S80 | 6 | 4.5 | 80 | 500 |
| S320 | 12 | 9 | 320 | 500 |
| S1.2K | 24 | 18 | 1200 | 500 |
| S5.2K | 48 | 36 | 5200 | 500 |
| S13.0K | 72 | 54 | 13000 | 400 |
| S30.0K | 115 | 86 | 30000 | 500 |
| 8 pole | | | | |
| S12 | 3 | 2.25 | 12 | 750 |
| S35 | 5 | 3.75 | 35 | 750 |
| S52 | 6 | 4.5 | 52 | 700 |
| S200 | 12 | 9 | 200 | 750 |
| S800 | 24 | 18 | 800 | 750 |
| S3.2K | 48 | 36 | 3200 | 750 |
| S7.5K | 72 | 54 | 7500 | 700 |
| S16.0K | 115 | 86 | 16000 | 850 |
| SS - ultra sensitive DC voltage adjustment | | | | |
| 1 pole | | | | |
| SS220 | 3 | 2.25 | 220 | 45 |
| SS700 | 5 | 3.75 | 700 | 40 |
| SS1.0K | 6 | 4.5 | 1000 | 40 |
| SS4.0K | 12 | 9 | 4000 | 40 |
| SS9.0K | 18 | 13.5 | 9000 | 40 |
| SS15.0K | 24 | 18 | 15000 | 40 |
| SS30.0K | 36 | 27 | 30000 | 45 |

Coil versions, DC coil (continued)

| Coil code | Rated voltage VDC | Operate voltage VDC | Coil resistance $\Omega \pm 10\%$ | Rated coil power mW |
|---|-------------------|---------------------|-----------------------------------|---------------------|
| S - sensitive DC voltage adjustment (continued) | | | | |
| 2 pole | | | | |
| SS110 | 3 | 2.25 | 110 | 85 |
| SS350 | 5 | 3.75 | 350 | 75 |
| SS500 | 6 | 4.5 | 500 | 75 |
| SS2.0K | 12 | 9 | 2000 | 75 |
| SS4.5K | 18 | 13.5 | 4500 | 75 |
| SS7.5K | 24 | 18 | 7500 | 80 |
| SS15.0K | 36 | 27 | 15000 | 85 |
| SS30.0K | 48 | 36 | 30000 | 80 |
| 3 and 4 pole | | | | |
| SS52 | 3 | 2.25 | 52 | 175 |
| SS175 | 5 | 3.75 | 175 | 150 |
| SS250 | 6 | 4.5 | 250 | 150 |
| SS1.0K | 12 | 9 | 1000 | 150 |
| SS2.2K | 18 | 13.5 | 2200 | 150 |
| SS3.7K | 24 | 18 | 3700 | 150 |
| SS7.5K | 36 | 27 | 7500 | 175 |
| SS15.0K | 48 | 36 | 15000 | 150 |
| Coil code Maximum coil current mADC Operate current mADC Coil resistance $\Omega \pm 10\%$ Pick-up coil power mW | | | | |
| J - sensitive DC current adjustment | | | | |
| 2 pole | | | | |
| J1.0K | 45 | 8.5 | 1000 | 75 |
| J2.5K | 28 | 5.8 | 2500 | 85 |
| J5.0K | 20 | 4.1 | 5000 | 85 |
| J10.0K | 14 | 3.1 | 10000 | 100 |
| J15.0K | 11.5 | 2.6 | 15000 | 100 |
| J30.0K | 8.3 | 1.7 | 30000 | 85 |
| 3 and 4 poles | | | | |
| J1.0K | 45 | 13 | 1000 | 175 |
| J2.5K | 28 | 8.4 | 2500 | 175 |
| J5.0K | 20 | 6.2 | 5000 | 200 |
| J10.0K | 14 | 4.5 | 10000 | 200 |
| J15.0K | 11.5 | 3.5 | 15000 | 200 |
| J30.0K | 8.3 | 2.5 | 30000 | 200 |
| 6 pole | | | | |
| J1.0K | 45 | 16 | 1000 | 250 |
| J2.5K | 28 | 10 | 2500 | 250 |
| J5.0K | 20 | 7.2 | 5000 | 250 |
| J10.0K | 14 | 5 | 10000 | 250 |
| J15.0K | 11.5 | 4.2 | 15000 | 270 |
| J30.0K | 8.3 | 2.9 | 30000 | 250 |
| 8 pole | | | | |
| J1.0K | 45 | 20 | 1000 | 250 |
| J2.5K | 28 | 13 | 2500 | 250 |
| J5.0K | 20 | 9 | 5000 | 250 |
| J10.0K | 14 | 6.4 | 10000 | 250 |
| J15.0K | 11.5 | 5.3 | 15000 | 270 |
| J30.0K | 8.3 | 3.7 | 30000 | 250 |
| J - sensitive DC current adjustment - R10S types only | | | | |
| 1 pole | | | | |
| J500 ⁽¹⁾ | – | 4.5 | 500 | 10 |
| J1.0K ⁽¹⁾ | – | 3.2 | 1000 | 10 |
| J2.5K | – | 2 | 2500 | 10 |
| J5.0K ⁽²⁾ | – | 1.4 | 5000 | 10 |
| J10.0K | – | 1 | 10000 | 10 |
| J16.0K | – | 0.8 | 16000 | 10 |
| J30.0K ⁽³⁾ | – | 0.6 | 30000 | 11 |

R10 Series Relay (Continued)

Coil versions, DC coil (continued)

| Coil code | Maximum coil current mADC | Operate current mADC | Coil resistance $\Omega \pm 10\%$ | Pick-up coil power mW |
|---|---------------------------|----------------------|-----------------------------------|-----------------------|
| J - sensitive DC current adjustment – R10S types only | | | | |
| 2 pole | | | | |
| J500 ¹⁾ | – | 6.3 | 500 | 20 |
| J1.0K | – | 4.5 | 1000 | 20 |
| J2.5K ²⁾ | – | 2.9 | 2500 | 25 |
| J5.0K | – | 2 | 5000 | 20 |
| J10.0K ³⁾ | – | 1.4 | 10000 | 20 |
| J16.0K | – | 1.2 | 16000 | 25 |
| J30.0K | – | 0.8 | 30000 | 20 |
| 4 pole | | | | |
| J500 | – | 9 | 500 | 45 |
| J1.0K | – | 6.5 | 1000 | 45 |
| J2.5K ²⁾ | – | 4.1 | 2500 | 45 |
| J5.0K ³⁾ | – | 2.9 | 5000 | 45 |
| J10.0K | – | 2 | 10000 | 40 |
| J16.0K | – | 1.4 | 16000 | 35 |
| J30.0K | – | 1.2 | 30000 | 45 |

- 1) Suggested for 5VDC operation
- 2) Suggested for 12VDC operation
- 3) Suggested for 24VDC operation

JJ - ultrasensitive DC current adjustment

| | | | | |
|---------|------|------|-------|----|
| 1 pole | | | | |
| JJ1.0K | 45 | 4.5 | 1000 | 20 |
| JJ2.5K | 28 | 2.9 | 2500 | 25 |
| JJ5.0K | 20 | 2.1 | 5000 | 25 |
| JJ10.0K | 14 | 1.5 | 10000 | 25 |
| JJ15.0K | 11.5 | 1.2 | 15000 | 25 |
| JJ30.0K | 8.3 | 0.85 | 30000 | 25 |
| 2 pole | | | | |
| JJ1.0K | 45 | 6.5 | 1000 | 45 |
| JJ2.5K | 28 | 4.1 | 2500 | 45 |
| JJ5.0K | 20 | 2.9 | 5000 | 45 |
| JJ10.0K | 14 | 2 | 10000 | 40 |
| JJ15.0K | 11.5 | 1.7 | 15000 | 45 |
| JJ30.0K | 8.3 | 1.2 | 30000 | 45 |
| 4 pole | | | | |
| JJ1.0K | 45 | 9 | 1000 | 85 |
| JJ2.5K | 28 | 5.8 | 2500 | 85 |
| JJ5.0K | 20 | 4.1 | 5000 | 85 |
| JJ10.0K | 14 | 3 | 10000 | 90 |
| JJ15.0K | 11.5 | 2.4 | 15000 | 85 |
| JJ30.0K | 8.3 | 1.7 | 30000 | 90 |

All figures are given for coil without preenergization, at ambient temperature +23°C.

Coil versions, AC coil (dual coil diode rectified construction)

| Coil code | Rated voltage VAC | Operate voltage VAC | Coil resistance $\Omega \pm 20\%$ |
|--------------|-------------------|---------------------|-----------------------------------|
| Standard AC | | | |
| 2 and 4 pole | | | |
| 6V | 6 | 5 | 25 |
| 12V | 12 | 9 | 120 |
| 24V | 24 | 18 | 500 |
| 48V | 48 | 36 | 2000 |
| 115V | 115 | 86 | 9000 |
| 6 and 8 pole | | | |
| 6V | 6 | 5 | 15 |
| 12V | 12 | 9 | 90 |
| 24V | 24 | 18 | 350 |
| 48V | 48 | 36 | 1400 |
| 115V | 115 | 86 | 7500 |

All figures are given for coil without preenergization, at ambient temperature +23°C.

Operative Range
R10 Relays (DC Only) Typical Ranges of Operations @ 25°C



R10 Ultra-Sensitive "SS" and "JJ" Typical Ranges of Operation @ 25°C



Typical Coil Inductance



R10 Series Relay (Continued)

Insulation Data

| | |
|-------------------------------|----------------------|
| Initial dielectric strength | |
| between open contacts | 500V _{rms} |
| between contact and coil | 1000V _{rms} |
| between adjacent contacts | 1000V _{rms} |
| Initial insulation resistance | |
| between insulated elements | 10GΩ, 500VDC |

Other Data

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customer-support/rohssupportcenter.

| | |
|--------------------------------------|---|
| Ambient temperature | -55°C to 75°C |
| Category of environmental protection | |
| IEC 61810 | RTI - dust protected and RTIII - wash tight |

Other Data (continued)

| | |
|----------------|---|
| Terminal type | Solder/plug-in terminals, PCB-THT, 8- or 11-PIN octal type plug |
| Weight | 23 to 40g |
| Packaging/unit | tray/50 pcs., box/350pcs. |

Accessories

For details see datasheet Sockets and Accessories, R10 Relays

Product Code Description
Many versions of sockets and clips available.

NOTE: Relays with contact current <50mA are not recommended for use in sockets.

Dimensions



Terminal dimensions

Solder terminal dimensions

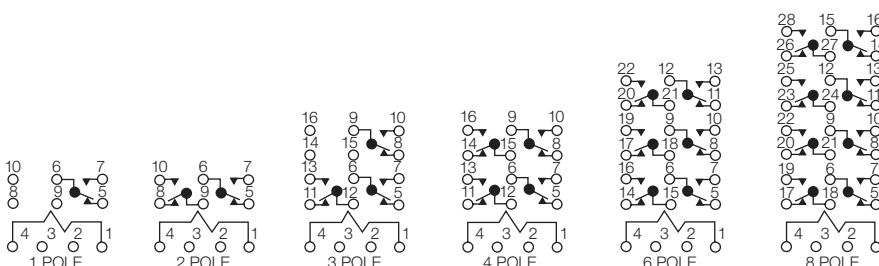


Printed circuit terminal dimensions



| | A | B | C | D | Arrang. |
|-----------|------|------|------|-------|-----------|
| Type 2 | .131 | .050 | .064 | 1.251 | Inline |
| Type 7 | .131 | .040 | .013 | 1.20 | Inline |
| Type 9 | .170 | .040 | .000 | 1.187 | Staggered |
| Thickness | .012 | .012 | .012 | .013 | — |

Terminal assignment



R10 Series Relay (Continued)

PCB layout

Bottom view on solder pins

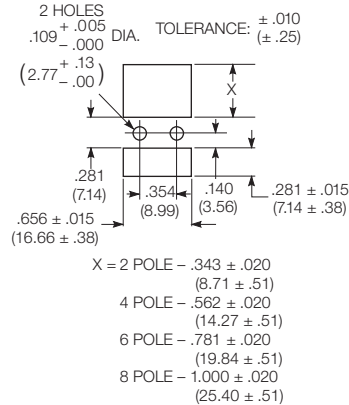
Terminal Types E2 & R2
(Omit unnecessary holes)



Terminal Types E9 & R9
(Omit unnecessary holes)



Suggested panel cutout for relay



Mounting hole layout for terminal & mounting style 6



Product code structure

Typical product code

R10 -E 1 Y 4 -V700

Type

- R10** Cradle-style relay with form C contacts
- R10S** Super sensitive cradle-style relay with form C contacts

Case style

- E** Non-sealed polycarbonate dust cover (RTI)
- R** Wash-tight (RTIII), tape sealed plastic case ¹⁾
- T** Octal style base on non-sealed polycarbonate dust cover (terminal types 1 & 2 only; 1, 2 & 3 poles only)
1) R10 type only, terminal code 2 or 9 only, no ground or stud

Terminal and mounting

- 1** Solder/Plug-in terminals with #3-48 mounting stud on R10-E; 8-pin octal type on R10-T
- 2** PCB terminals (std.) 1.62mm (.064in) clearance, 31.75mm (1.25in) seated ht.; 11-pin octal type on R10-T
- 6** Side mounting plate with #6-32 stud, solder/plug-in terminals (#3-48 stud not included)
- 7** Narrow 1.02mm (.04in) PCB terminals, .33mm (.013in) clearance, 30.48mm (1.2in) seated ht.
- 9** Non-shouldered, narrow 1.02mm (.04in) PCB terminals in staggered arrangement ²⁾
2) Available only on 1 through 6 pole models

Contact style and rating ³⁾

- W** Single contact rated 7.5A max, 300mA min. ^{4) 5)}
- X** Single contact rated 5A max, 300mA min. ^{5) 6)}
- M** Bifurcated contact rated 5A max, 300 mA min. ^{5) 6)}
- Y** Single contact rated 2A typ, 3A max, 100mA min.
- Z** Bifurcated low level contacts rated 100mA typ, 2A max, 1mA min.
- P** Bifurcated crossbar dry circuit contacts rated 1mA typ, 3A max, dry circuit min.
- L** Bifurcated crossbar dry circuit contacts rated 500 microA typ, 250 mA max, dry circuit min.
3) Ratings are at 28VDCV or 115VAC. Total load must not exceed 30A per relay.
4) Use ungrounded frame for AC load of ≥5A. Max ratings are 7.5A at 115VAC and 4A at 28VDC for coil codes S & J
5) Only available on R10 type, only available with coil adjustment code V, Q, S and J.
6) Use ungrounded frame for AC load of ≥5A. Max ratings are 5A at 115VAC and 3A at 28VDC for coil codes S & J

Number of poles

- 1** 1 pole
 - 2** 2 pole
 - 3** 3 pole
 - 4** 4 pole (not available on R10-T)
 - 6** 6 pole (not available on R10-T) ⁷⁾
 - 8** 8 pole (not available on R10-T) ⁸⁾
- 7) Not available with contact code W
8) Only available with case style E, not available with contact code W

Coil voltage

Coil code: please refer to coil versions table

AC voltage Specify coil code consisting of nominal coil voltage followed by W (example: 24V)

DC voltage Specify coil code consisting of coil adjustment code letter followed by coil resistance (example: V700)

R10 Series Relay (Continued)

| Product Code | Arrangement | Material | Contact Style/Rating | Nom. Coil V | Terminals & Mounting | Part Number |
|-----------------|----------------|---------------|-----------------------------|----------------|--|-------------|
| R10-E1P2-115V | 2 form C, 2 CO | Au overlay Ag | Bif crossbar / dry circuit | 115 VAC | Solder/plug-in w/ #3-48 mounting stud | 7-1393765-0 |
| R10-E1P2-V700 | | | | 24 VDC | | 6-1393765-9 |
| R10-E1P4-115V | 4 form C, 4 CO | | | 115 VAC | | 7-1393765-6 |
| R10-E1P4-V700 | | | | 24 VDC | | 7-1393765-5 |
| R10-E1W2-V185 | 2 form C, 2 CO | AgCdO | Single contact / 7.5A | 12 VDC | | 8-1393765-9 |
| R10-E1W2-V700 | | | | 24 VDC | | 9-1393765-1 |
| R10-E1W4-V185 | 4 form C, 4 CO | | | 12 VDC | | 9-1393765-3 |
| R10-E1W4-V700 | | | | 24 VDC | | 9-1393765-5 |
| R10-E1X2-24V | 2 form C, 2 CO | | Single contact / 5A | 24 VAC | | 1-1393766-1 |
| R10-E1X2-115V | | | | 115 VAC | | 1-1393766-0 |
| R10-E1X2-S800 | | | | 12 VDC | | 1393766-3 |
| R10-E1X2-V185 | | | | | | 1393766-5 |
| R10-E1X2-V700 | | | | 24 VDC | | 1393766-9 |
| R10-E1X4-115V | 4 form C, 4 CO | | | 115 VAC | | 1-1393766-8 |
| R10-E1X4-V185 | | | | 12 VDC | | 1-1393766-4 |
| R10-E1X4-V700 | | | | 24 VDC | | 1-1393766-7 |
| R10-E1X4-V2.5K | | | | 48 VDC | | 1-1393766-5 |
| R10-E1X6-115V | 6 form C, 6 CO | | | 115 VAC | | 2-1393766-5 |
| R10-E1X6-V90 | | | | 12 VDC | | 2-1393766-4 |
| R10-E1X6-V430 | | | | 24 VDC | | 2-1393766-2 |
| R10-E1Y2-J1.0K | 2 form C, 2 CO | Ag | Single contact / 2A typical | Not applicable | | 3-1393766-3 |
| R10-E1Y2-J2.5K | | | | | | 3-1393766-4 |
| R10-E1Y2-V185 | | | | 12 VDC | | 4-1393766-0 |
| R10-E1Y2-V700 | | | | 24 VDC | | 4-1393766-4 |
| R10-E1Y2-V2.5K | | | | 48 VDC | | 4-1393766-1 |
| R10-E1Y2-V15.0K | | | | 115 VDC | | 3-1393766-9 |
| R10-E1Y4-J10.0K | 4 form C, 4 CO | | | Not applicable | | 4-1393766-9 |
| R10-E1Y4-V52 | | | | 6 VDC | | 5-1393766-6 |
| R10-E1Y4-V2.5K | | | | 48 VDC | | 5-1393766-5 |
| R10-E1Y4-V700 | | | | 24 VDC | | 5-1393766-7 |
| R10-E1Y6-V430 | 6 form C, 6 CO | | | | | 6-1393766-1 |
| R10-E1Y6-V1.5K | | | | 48 VDC | | 6-1393766-0 |
| R10-E1Z2-V185 | 2 form C, 2 CO | | Bifurcated / 100mA typical | 12 VDC | | 7-1393766-2 |
| R10-E1Z2-V700 | | | | 24 VDC | | 7-1393766-4 |
| R10-E1Z4-V185 | 4 form C, 4 CO | | | 12 VDC | | 7-1393766-9 |
| R10-E1Z4-V700 | | | | 24 VDC | | 8-1393766-1 |
| R10-E1Z4-V2.5K | | | | 48 VDC | | 8-1393766-0 |
| R10-E1Z6-V430 | 6 form C, 6 CO | | | 24 VDC | | 8-1393766-6 |
| R10-E1Z6-V1.5K | | | | 48 VDC | | 8-1393766-5 |
| R10-T1P2-115V | 2 form C, 2 CO | Au overlay Ag | Bif crossbar / dry circuit | 115 VAC | | 2-1393769-8 |
| R10S-E1Y1-J1.0K | 1 form C, 1 CO | Ag | Single contact / 2A typical | Not applicable | | 7-1393769-0 |
| R10S-E1Y2-J5.0K | 2 form C, 2 CO | | | | | 7-1393769-5 |
| R10-E2P4-V185 | 4 form C, 4 CO | Au overlay Ag | Bif crossbar / dry circuit | 12 VDC | PCB, .064" clearance, 1.25" seated ht. | 1393767-3 |
| R10-E2P4-V700 | | | | 24 VDC | | 1393767-4 |
| R10-E2W2-V185 | 2 form C, 2 CO | AgCdO | Single contact / 5A | 12 VDC | | 1393767-7 |
| R10-E2X2-V185 | | | | | | 1-1393767-1 |
| R10-E2X2-V700 | | | | 24 VDC | | 1-1393767-5 |
| R10-E2X4-V185 | 4 form C, 4 CO | | | 12 VDC | | 1-1393767-7 |
| R10-E2X4-V700 | | | | 24 VDC | | 1-1393767-8 |
| R10-E2Y2-V185 | 2 form C, 2 CO | Ag | Single contact / 2A typical | 12 VDC | | 2-1393767-6 |
| R10-E2Y2-V700 | | | | 24 VDC | | 2-1393767-9 |
| R10-E2Y4-V185 | 4 form C, 4 CO | | | 12 VDC | | 3-1393767-5 |
| R10-E2Y4-V700 | | | | 24 VDC | | 3-1393767-6 |
| R10S-E2Y1-J1.0K | 1 form C, 1 CO | | | Not applicable | | 8-1393769-1 |