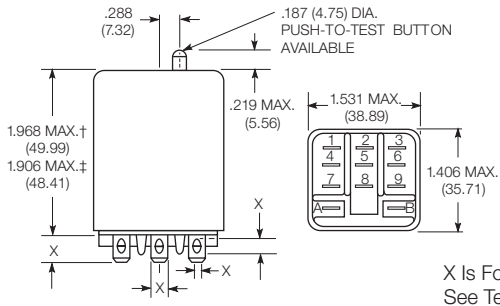


KUP Series Panel Plug-in Relay (Continued)

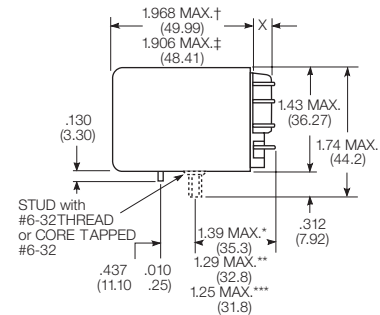
Dimensions (continued)

KUP plain case

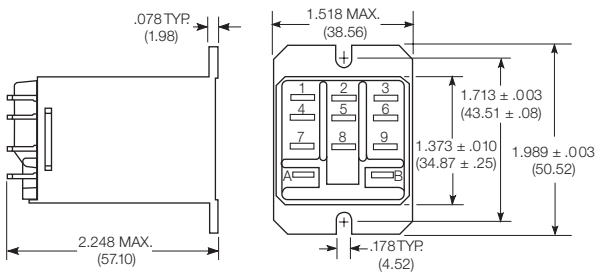


X Is For Terminal Dimensions.
See Terminal Drawings.

KUP core / stud mount case



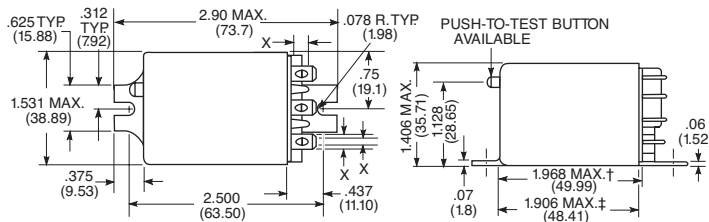
KUP top flange case



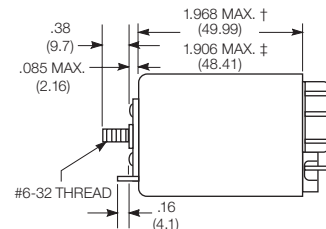
† Dimensions with .250" (6.35mm) terminals.
‡ Dimensions with .187" (4.75mm) and .205" (5.21mm) terminals.

* Dimensions with .250" (6.35mm) terminals.
** Dimensions with .110" (2.79mm) or .205" (5.21mm) terminals.
*** Dimensions with .187" (4.75mm) terminals.

KUP bracket mount case

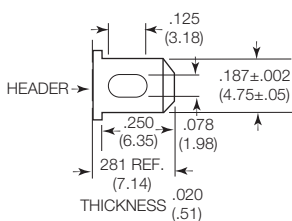


KUP stud on end case

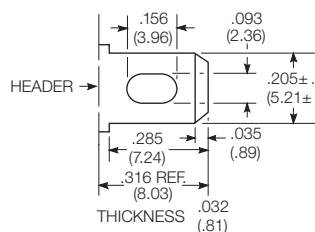


Terminal dimensions

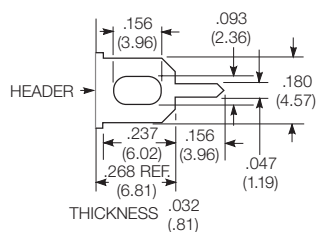
4.75mm (.187) quick connect



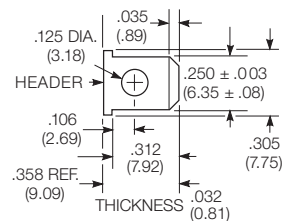
5.21mm (.205) quick connect



1.19mm (.047) printed circuit

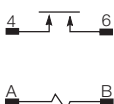


6.35mm (.250) quick connect

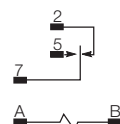


Terminal assignment

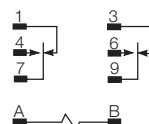
1 Form X



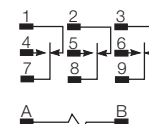
1 Form C 1 Form A (delete 2)



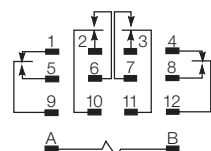
2 Form C 2 Form A (delete 1 & 3)



3 Form C 3 Form A (delete 1, 2 & 3)



4 Form C

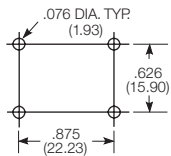


KUP Series Panel Plug-in Relay (Continued)

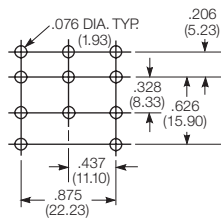
PCB layout

Bottom view on solder pins

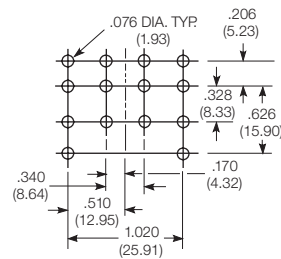
1 form X version



3 pole version
(Omit unnecessary holes for form A and 2 pole types)



4 pole version



Product code structure

Typical product code

KUP -14 A 1 5 -120

Type

KU Open style relay

KUP Enclosed relay

Contact arrangement

- | | | |
|---------------------------|-----------------------------|---------------------------|
| 1 1 form A (1 NO) | 3 1 form X (1 NO-DM) | 5 1 form C (1 CO) |
| 7 2 form A (2 NO) | 11 2 form C (2 CO) | 12 3 form A (3 NO) |
| 14 3 form C (3 CO) | 17 4 form C (4 CO) | |

Coil Input

- | | |
|----------------------|-------------|
| A AC, 50/60Hz | D DC |
|----------------------|-------------|

Mounting and options

KU

- 1** #6-32 mounting stud, 5.54mm (.218in) locating tab
- 3** #6-32 tapped core, 3.18mm (.125in) locating tab
- 4** #6-32 tapped core, 5.54mm (.218in) locating tab
- 5** #6-32 tapped core, no locating tab

KUP

- 1** Socket mount (plain) case
 - 2** Socket mount (plain) case with push-to-test button 1)
 - 3** Socket mount (plain) case with indicator lamp 2)
 - 4** Socket mount (plain) case with indicator lamp and push-to-test button 1) 2)
 - 5** Bracket mount case
 - A** Plain case with #6-32 stud and locating tab
 - E** Plain case with #6-32 tapped core and locating tab
 - T** Top flange case 1)
- 1) Not available with four pole models (Contact arrangement 17).
2) Indicator lamps are available on models with the following coils: 6-24VAC and VDC, 110VDC and 120-240VAC. Only models with 120-240VAC coils are UL recognized.

Terminal and contact material

1 and 2 pole models

- | | |
|---|---|
| 1 4.75mm (.187in) quick connect/solder; Ag, 5A | 3 1.19mm (.047in) PCB; Ag, 5A |
| 5 4.75mm (.187in) quick connect/solder; AgCdO, 10A | 7 1.19mm (.047in) PCB; AgCdO, 10A |
| J 6.35mm (.250in) quick connect/solder; Ag, 5A | K 6.35mm (.250in) quick connect/solder; AgCdO, 10A |
| P 4.75mm (.187in) quick connect/solder; AgSnInO, 10A | S 1.19mm (.047in) PCB, AgSnInO; 10A |
| W 6.35mm (.250in) quick connect/solder; AgSnInO, 10A | |

3 pole models

- | | |
|---|--|
| 1 4.75mm (.187in) quick connect/solder; Ag, 5A | 3 1.19mm (.047in) PCB; Ag, 5A |
| 5 4.75mm (.187in) quick connect/solder; AgCdO, 10A | 7 1.19mm (.047in) PCB; AgCdO, 10A |
| P 4.75mm (.187in) quick connect/solder; AgSnInO, 10A | S 1.19mm (.047in) PCB, AgSnInO; 10A |

4 pole models

- | | |
|--|--|
| 1 4.75mm (.187in) quick connect/solder; Ag, 5A 3) | 3 1.19mm (.047in) PCB; Ag, 5A |
| 4 2.79mm (.110in) quick connect/solder; Ag, 5A | 5 4.75mm (.187in) quick connect/solder; AgCdO, 10A 3) |
| 7 1.19mm (.047in) PCB; AgCdO, 10A | 9 2.79mm (.110in) quick connect/solder; AgCdO, 10A |
| P 4.75mm (.187in) quick connect/solder; AgSnInO, 10A 3) | S 1.19mm (.047in) PCB, AgSnInO; 10A |
| U 2.79mm (.110in) quick connect/solder; AgSnInO, 10A 2) | |
- 3) 4 pole KUP with 4.75mm (.187in) terminals will not plug into sockets. Must use 2.79mm (.110) terminals for socket mounting.

Au flashed contact option

- Leave Blank** No Au flashing on contacts
- F** Optional Au flashing on contacts

Coil voltage

Coil code: please refer to coil versions table