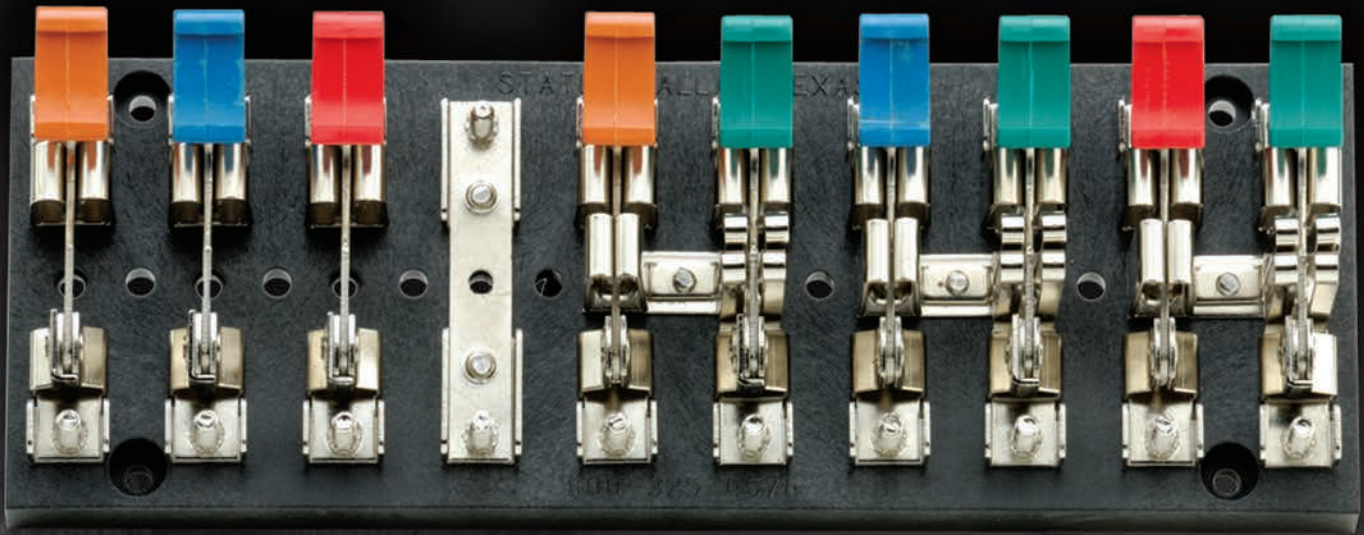


SJK

Test Switches



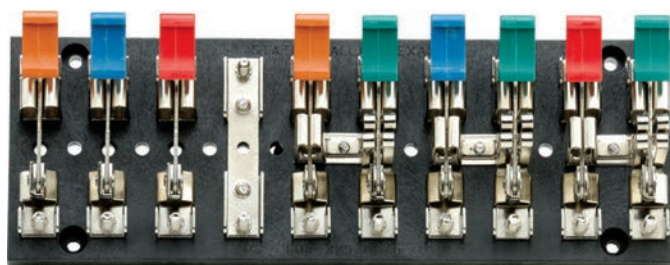
- No-barrier design
- Self-extinguishing materials
- Front-connected, back-connected and flush-mounted styles
- Blades operate independently or can be ganged together
- Recognized by UL and cUL

STATES®

STATES Type SJK Test Switches have long been used for providing a reliable, simple means to test meters, relays and instrument transducers and for control system calibration, disconnection, troubleshooting, checkout and testing.

Make-before-break short-circuiting elements for current transformer circuits and test jacks are available. Each switch blade can be operated independently or, where necessary, adjacent handles can be ganged for simultaneous operation.

All configurations are available in front-connected, back-connected or flush-mounted styles.



DESCRIPTION

Front-connected switches usually are mounted on the same side of the panel as the wiring. Back-connected switches are mounted on one side of the panel, and the wiring is on the other side. As an option, clear or opaque plastic covers are available for both front-connected or back-connected switches.

Flush-mounted switches match flush- or semiflush-mounted relays, meters, etc., furnished on steel panelboards. They consist of a back-connected switch mounted in an insulated metal cabinet with cover.

FEATURES AND BENEFITS

- **Self-extinguishing materials:** All non-metallic components are made of self-extinguishing, flame-retardant materials with Underwriters Laboratories' best rating for self-extinguishing materials (V-O).
- **Nonferrous material:** All current-carrying metallic components, including hardware, are made of highest quality nonferrous materials such as copper, bronze, brass or phosphor bronze. This ensures excellent conductivity and minimizes galvanic action between dissimilar metals.
- **Nickel plating:** All current-carrying metallic components, including hardware, have a corrosion-resistant nickel finish that ensures good electrical contact and smooth operation of moving parts even after years of inactivity.
- **Safety-grip handle:** A molded handle covers the terminal and includes a lower lip that projects over the metal parts of the switch, thus protecting the operator from contact with live components.
- **One-piece jaw and hinge:** One-piece construction of hinge and jaw eliminates unnecessary, multiple connection points.
- **Special blade shape:** All blades are shaped so that the edge of the blade enters at a right angle to the jaw; thus, the blade enters and exits the full width of the jaw simultaneously.
- **Test lug:** The large corrugated test lug provided for each terminal stud is a secure surface for attaching test clips.
- **Switch jaws:** All STATES Test Switches have uniform contact pressure over the full width of the blade. The "ping" heard when opening the blade is due to the special, spring-grade phosphor bronze used in the jaw. This design ensures an excellent low-resistance contact that will not overheat.
- **Short-circuit jaw:** A rugged, make-before-break element is used to short the secondary of a current transformer.
- **Fixed terminal studs:** The screw terminals on which wiring connections are made are a part of a rigid, immovable assembly and cannot be turned or backed out.
- **Test jack:** The test jack eliminates the possibility of opening current transformer secondaries and permits safe, easy measurements to be made in current circuits without disturbing permanent wiring. A dual-circuit test plug, such as the STATES Part No. 15000, inserted into the test jack puts the measuring instrument in series with the current circuit. The test jack does not carry current except when making a test because it is shunted by a standard switch blade that is opened only when the test jack is used.
- **Color-coded handles:** Unless otherwise specified, **potential** elements have **red** handles and **current** elements have **black**; however, the following other colors are available at additional cost: blue, orange, white, yellow, brown and green.
- **Identification card holder:** Each safety grip handle is slotted for insertion of an identification card for marking or coding. Cards are available under Part No. SB678.
- **Bases:** Type SJK Test Switches are available in 1-, 2-, 3-, 4-, 7- and 10-pole base sizes. The bases are made of rugged, $\frac{3}{8}$ inch, non-tracking material with excellent insulating properties. Covers are only available for 4-, 7- and 10-pole base sizes.
- **Extra-wide element separation:** Elements are $\frac{1}{16}$ inches center-to-center to allow for easy installation of test leads.
- **Recognized by UL and cUL**
Underwriters Laboratories recognizes States Type SJK Test Switches under its component program, File No. E225664, with a rating of 600 volts, 30 amperes.

FRONT-CONNECTED SWITCHES

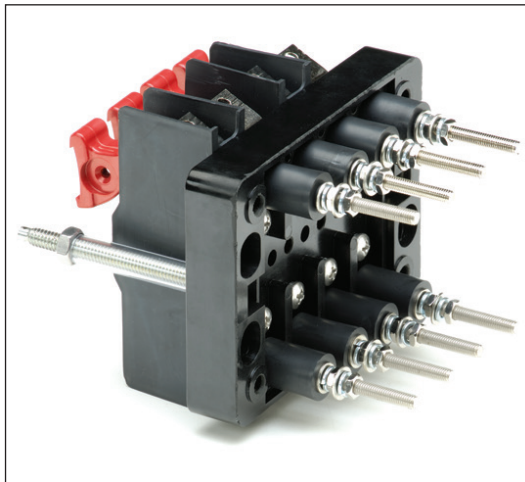
The front-connected test switch usually is used where wiring entering and leaving the test switch is located on the same side of the panel that the test switch is mounted.

To order front-connected test switches, refer to **Ordering Information**.

BACK-CONNECTED SWITCHES

All switches can be provided in a back-connected version so that the switch is mounted on one side of a panel and the wiring connections are made on the opposite side. Back-connected switches have factory-installed insulated studs that project from the rear of the switch.

To order back-connected switches, refer to **Ordering Information**.



Back-connected switch view
Please Note: barriers are not typically installed on SJK switches (back-connected SMH Test Switch shown)

COVERS

Rugged, virtually unbreakable covers for STATES Test Switches are available in clear or opaque styles. The covers are manufactured from tough, self-extinguishing, flame-retardant polycarbonate and are available for front- or back-connected versions. Covers are available for 4-, 7- and 10-pole base sizes.

The covers are constructed so that all switch blades must be closed when the cover is properly sealed. Switches provided with covers include two insulated, cadmium-plated steel cover studs that have holes for wire seals.

Covers for front-connected switches are open or slotted at the bottom of each side to permit wiring to enter and exit between the cover and the panel.

Covers for back-connected switches fit flush with the panel because all wiring exits at the rear of the test switch.

To add a cover, refer to **Ordering Information**.

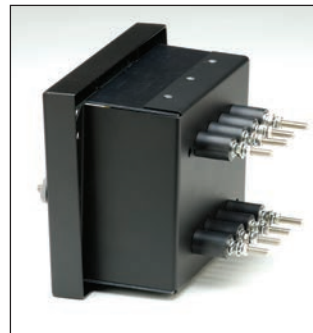
FLUSH-MOUNTED SWITCHES

Flush-mounted switches consist of a standard back-connected test switch mounted in an insulated metal cabinet with cover. Flush-mounted switches match flush-mounted or semi-flush-mounted relays, instruments, meters, etc., furnished on steel panelboards.

The switch cabinet has a black finish to match the panelboard and/or devices mounted in the panelboard. The cabinet cover, which has a protective clear insert, can be sealed. Self-extinguishing, flame-retardant insulating material lines the cabinet. The cabinet is mounted by inserting it into a panel cutout and fastening it with screws that are hidden when the cover is attached.

NOTE: Flush-mounted switches are special order products, longer lead times may apply.

To order flush-mounted switches, refer to **Ordering Information**.



Side view of flush-mounted G unit option



Front view of flush-mounted G unit option



Front-connected opaque (80K) cover



Front-connected clear (60K) cover



Back-connected opaque (90K) cover



Back-connected clear (70K) cover

Cover style must be specified at order placement

SPECIFICATIONS

SJK TECHNICAL SPECIFICATIONS		
Class	Front Connected	Back Connected / Flush Mounted
Brief Description	Metering Test Switch with Stud Terminals	Metering Test Switch with Stud Terminals
Typical Applications	Metering Sub-Station Monitoring Relay Panels	Metering Sub-Station Monitoring Relay Panels
Number of Poles Available	1 - 10	1 - 10
Certifications	UL, cUL UL File E225664	UL, cUL UL File E225664
Voltage Rating	600VAC	600VAC
Current Rating	30A	30A
Wire Size Range	Min 14awg / Max 10awg	Min 14awg / Max 10awg
Recommended Wire Lug Size	#10	#10
Stud Thread	10-32	10-32
Recommended Torque for Stud Wiring Connections	Max 25in/lbs	Max 25in/lbs
#25 Fuse Clip Dimensions - 600 VAC 30 AMP *Fuse not included	1/2" Diameter 2" Length	1/2" Diameter 2" Length
Max Operating Temperature	104° F (40° C)	104° F (40° C)

Understanding SJK Part Numbers				
1	2	3	4	5
Covers (Optional)	Front-Connected Part Number	Number of Poles	Arrangement Designator	Back-Connected
FRONT-CONNECTED 60K - Slotted, Clear 80K - Slotted, Opaque BACK-CONNECTED 70K - Solid, Clear 90K - Solid, Opaque G - Flush-Mounted w/Cover & Case Enclosure	20K	01 - 10	This is the letter and/or number designation that has been assigned for a particular arrangement See catalog page 97, or visit our website at www.statesproducts.com for arrangement options	Add a - B for back-connection
*Although you can order 1, 2, & 3 pole switches either front-connected or back-connected, covers are not available for those size switch bases. Covers are only available for 4, 7, & 10 pole base sizes.				

EXAMPLES

<u>20K</u> <u>02</u>	—	<u>B</u>
2 3		4

Part No. 20K02-B

SJK 2 Pole Switch - Front-connected, no cover.

<u>60K</u> <u>07</u>	—	<u>T8</u>
1 3		4

Part No. 60K07-T8

SJK 7 Pole Switch - Front-connected with a clear front-connected cover.

<u>70K</u> <u>10</u>	—	<u>E</u>	—	<u>B</u>
1 3		4		5

Part No. 70K10-E-B



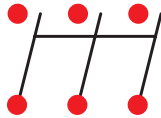

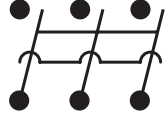






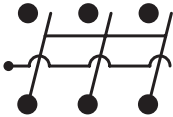
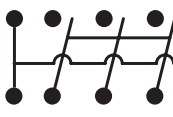
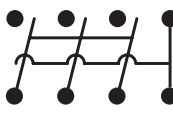





SJK 10 Pole Switch - Back-connected with a clear back-connected cover.

<u>G</u>	—	<u>20K</u> <u>04</u>	—	<u>P</u>
1		2 3		4

Part No. G-20K04-P

SJK 4 Pole Switch - Mounted in case enclosure with back connections.

SJK SWITCH ELEMENTS

1  Single-Pole Potential	2  Ganged Double-Pole Potential	16  Ganged Three-Pole Potential	13  Ganged Two-Pole Short-Circuiting Current Assembly	17  Ganged Three-Pole Short-Circuiting Current Assembly
9  Current Test Jack	6  Short-Circuiting Assembly With Right-Hand Common Bar	10  Right-Hand Current Assembly Consists of Test Jack and Short-Circuiting Current Assemblies	20  Ganged Three-Pole Short-Circuiting Current Assembly, Right Extension	5  Short-Circuiting Assembly With Left-Hand Common Bar
11  Left-Hand Current Assembly Consists of Test Jack and Short-Circuiting Current Assemblies	19  Ganged Three-Pole Short-Circuiting Current Assembly, Left Extension	22  Left-Hand Through Bar and Three-Pole Short-Circuiting Current Assembly	23  Right-Hand Through Bar and Three-Pole Short-Circuiting Current Assembly	24  Through Bar
26  Blank Space	25  30-Amp Fuse Mounting Clip	3  Current Test Jack With Left-Hand Common Bar	4  Current Test Jack With Right-Hand Common Bar	

NOTES:

- Barriers are typically not provided on SJK Test Switches.
- Potential** handles are **red** and **current** handles are **black** unless otherwise specified.
- Arrange elements left to right, front view.
- Covers are only available on 4, 7 and 10 pole bases.
- Element No. 25 accepts standard cartridge fuses rated 600 VAC 30 AMP Fuse dimensions must be 1/2" diameter and 2" length. Fuse not included.

ORDERING INFORMATION

The part numbers under the arrangements beginning on page 97 are for front-connected switches without covers, which are designated by the first three characters in the Part No., 20K.

Example: 20K10-E

SPECIAL ORDERS

Special Arrangements: These can be made of any combination of potential or current elements, with a maximum of 10 poles. For more information, refer to the following example and illustrations on Page 89.

Example: To order a customized, 10-pole, back-connected switch with a clear, back-connected cover, specify:

Switch Type: STATES Type SJK
No. of poles: 10-pole test switch
Arrangement*: 1-10-1-10-1-10-1
Style: Back-connected
Cover: Clear, back-connected

***Arrangements should be given as front view of switch, left to right, using the elements listed on page 90.**

Handle Colors: The standard colors for handles are **red** for **potential** and **black** for **current**. Handles are also available in other colors.

To specify non-standard colors, add to the element number the appropriate color code:

<u>Color</u>	<u>Color Code</u>
Black	k
Blue	b
Green	g
Orange	e
Red	r
White	w
Yellow	y
Brown	n

To order a switch with handles in non-standard colors, you must specify the arrangement with colors indicated. For example, to order a 10-pole switch with special handle colors, specify: **Arrangement:** 1k-10g-1y-10b-1e-10r-1w

Ganged handles: You may specify a yoking bar to gang adjacent handles.

For example, to order a switch with the adjacent potentials ganged, you must specify: **Gang all potentials**

Ganged handles are represented with the number (#) sign.

Example: #1-1-1-1# (all handles in between the “#” are ganged together)

Hinge position: The “U” in an arrangement indicates the hinge is positioned upside down from the typical arrangement.

Bases: An 8- or 9-pole test switch is built on a 10-pole base. A 5-, 6-, or 7-pole test switch usually is built on a 7-pole base but can be provided on a 10-pole base if desired.

OPTIONAL ACCESSORIES



Socket Wrench and Insert

To speed installation of the terminal nuts on STATES Test Switches, the socket wrench (Part No. 16028) and $\frac{3}{8}$ inch insert (Part No. 16027) are available. Pictures available in the Testing Accessories section on page 134.

The screwdriver attachment

(Part No. 16022) makes this wrench your complete meter installation tool.

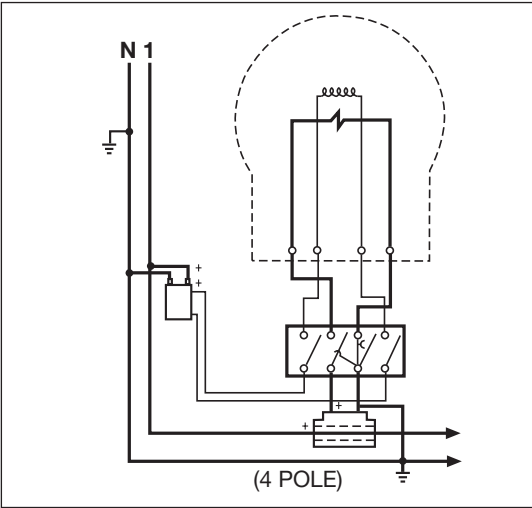
Dual Circuit Plug

By inserting the STATES Dual Circuit Plug (Part No. 15000) into the test jack, safe measurement can be made of current transformer secondary current.

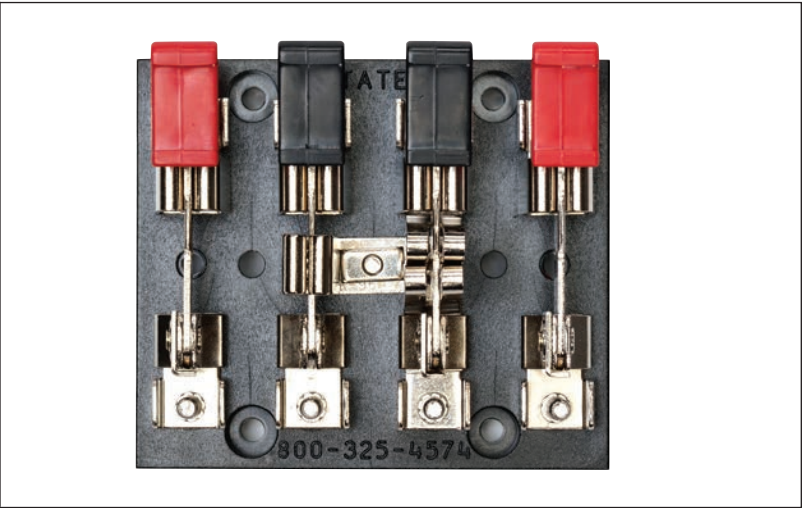
See Testing Accessories on page 128.



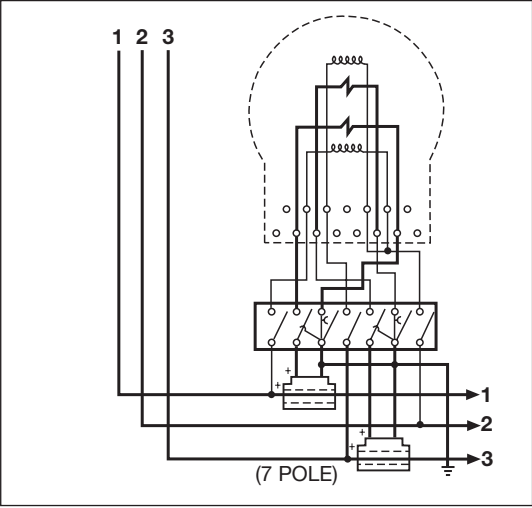
TYPICAL WIRING DIAGRAM



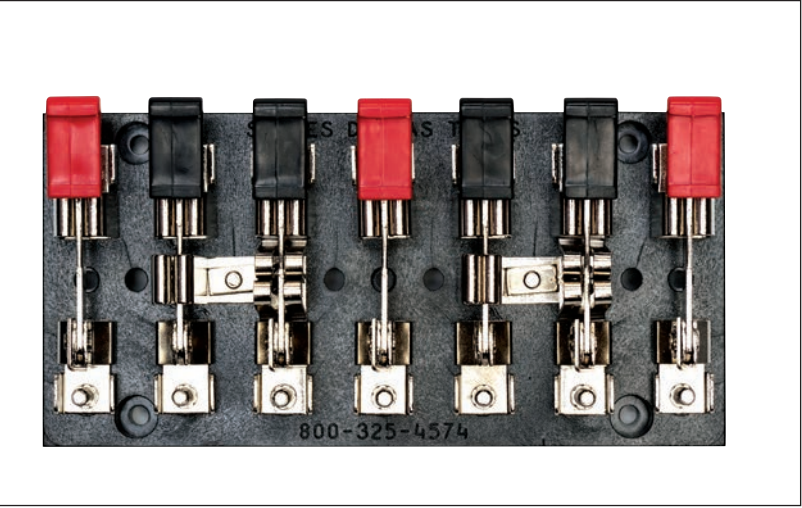
1 ϕ 2-Wire with CT and PT



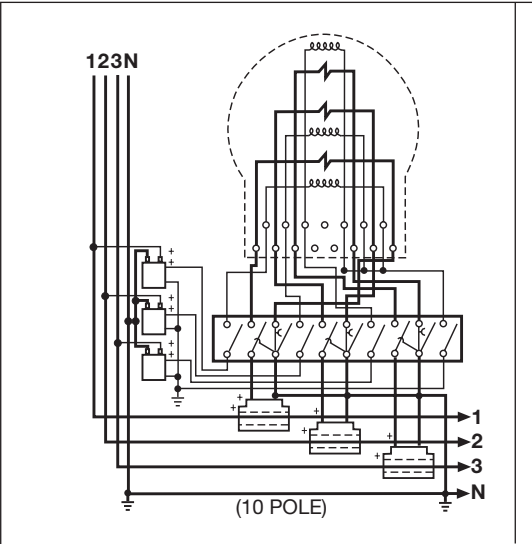
4-Pole Test Switch - Part No. 20K04-M (ARR: 1-10-1)



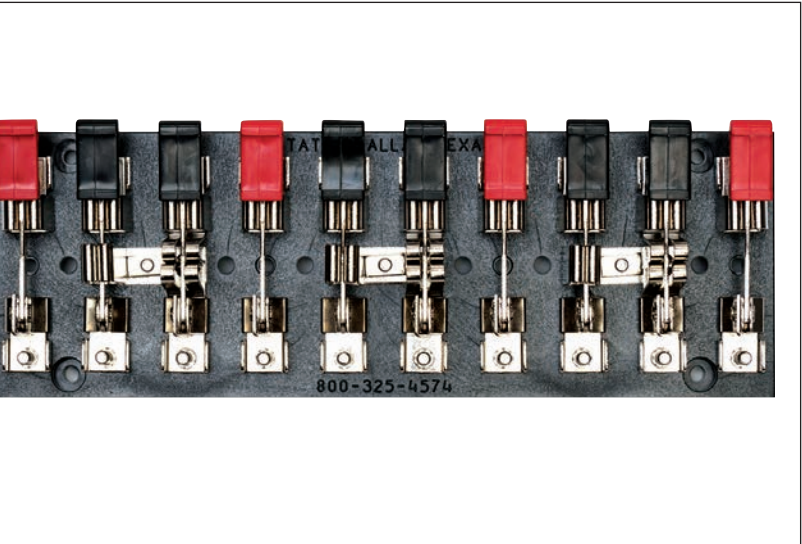
3 ϕ 3-Wire 2-Element



7-Pole Test Switch - Part No. 20K07-K (ARR: 1-10-1-10-1)

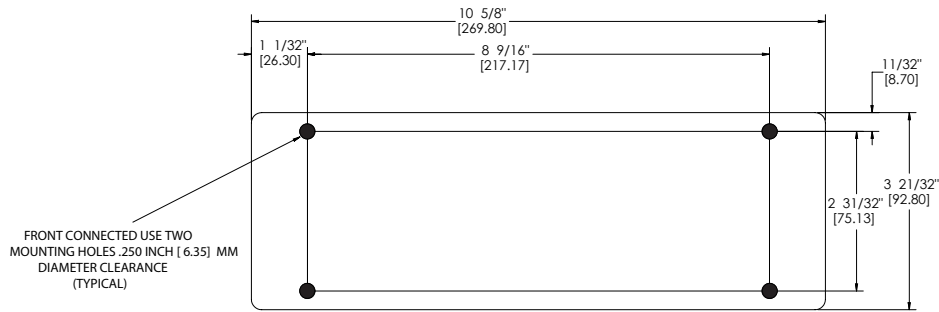


3 ϕ 4-Wire Y 3-Element

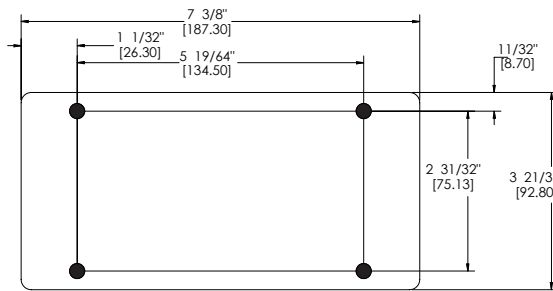


10-Pole Test Switch - Part No. 20K10-E (ARR: 1-10-1-10-1-10-1)

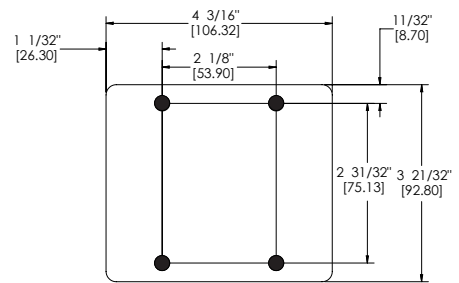
FRONT-CONNECTED SWITCHES DIMENSIONS IN INCHES [MM]



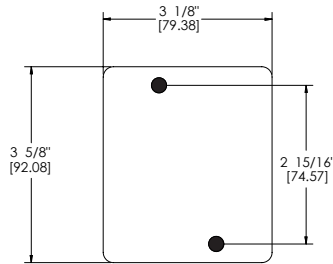
10 POLE BASE



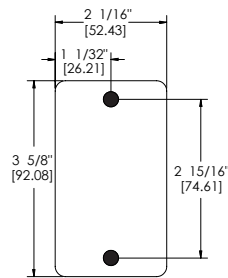
7 POLE BASE



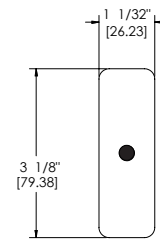
4 POLE BASE



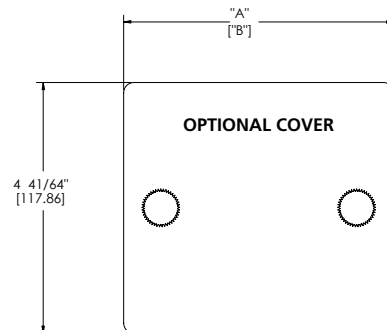
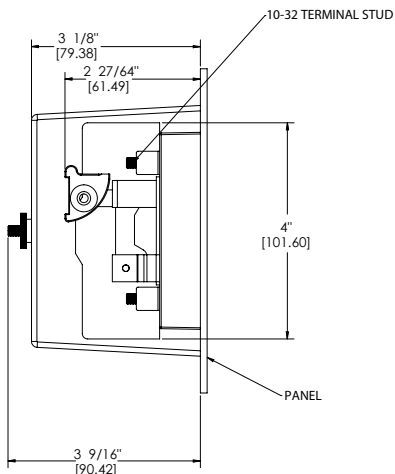
3 POLE BASE



2 POLE BASE

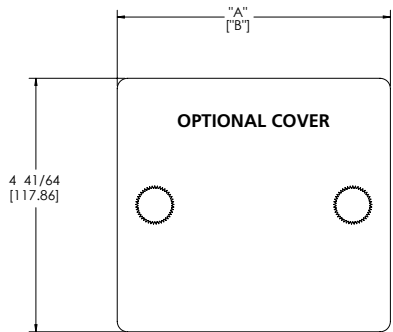
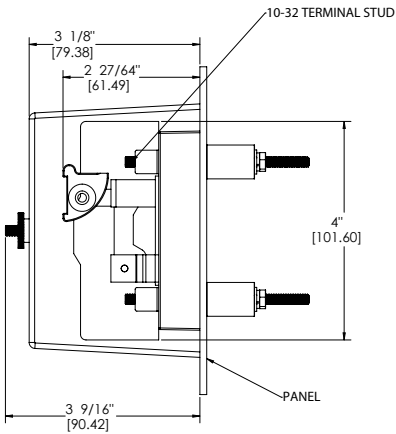
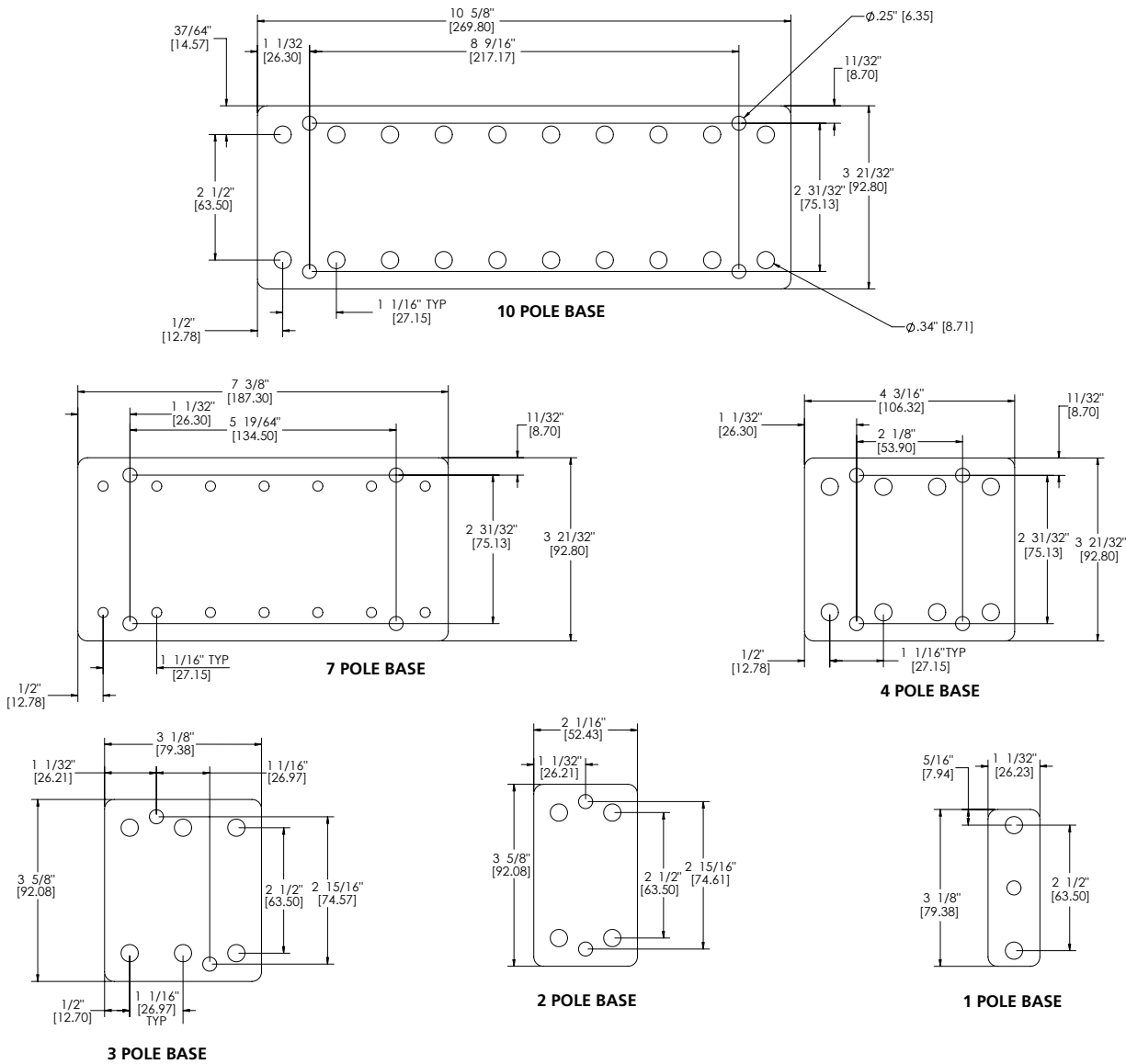


1 POLE BASE



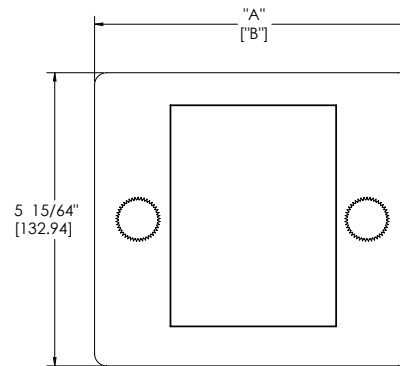
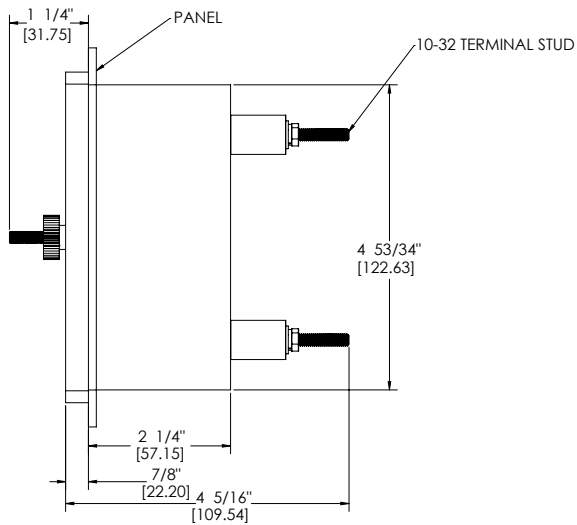
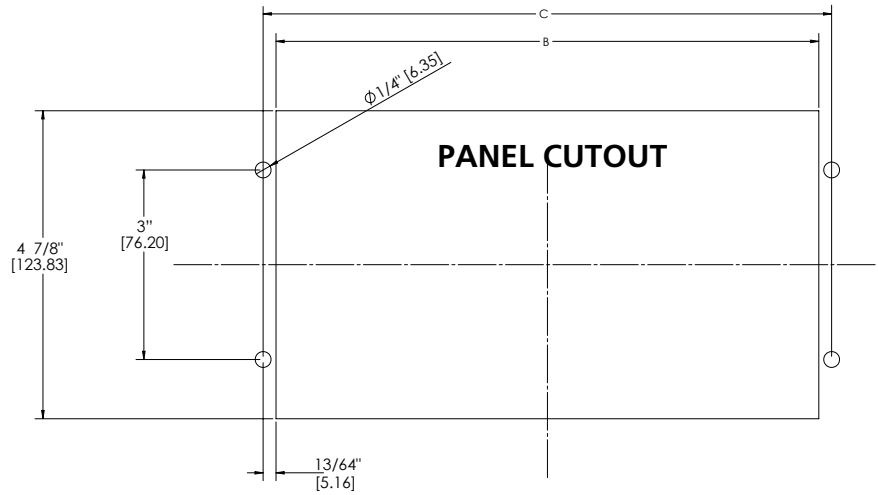
POLE	"A" DIMENSION	"B" DIMENSION
4	4 13/16"	[122.2]
7	8 1/8"	[206.3]
10	11 1/8"	[282.5]

BACK-CONNECTED SWITCHES
DIMENSIONS IN INCHES [MM]



POLE	"A" DIMENSION	"B" DIMENSION
4	4 13/16"	[122.2]
7	8 1/8"	[206.3]
10	11 1/8"	[282.5]

FLUSH-MOUNTED SWITCHES
DIMENSIONS IN INCHES [MM]



DIMENSIONS IN [] ARE IN MM , NO [] DIMENSIONS IN INCHES			
BASE SIZE (POLES)	"A" DIMENSION	"B" DIMENSION	"C" DIMENSION
4	6 7/16" [163.5]	5 7/32" [132.5]	5 5/8" [142.9]
7	9 39/64" [244]	8 13/32" [213.5]	8 26/32" [223.8]
10	12 13/16" [325.4]	11 19/32" [294.5]	12 [304.8]

SJK ACCESSORIES

PART NUMBER	DESCRIPTION
SB678-100	White Marker Handle Tags (100pcs per bag)
SBK50-xx	Handle Ganging Kit - Replace the "xx" with the required number of adjacent poles to be ganged together (example: SBK50-2 - 2 Pole Kit)
17192	2 Pole Hardware Kit
10550	4 Pole Hardware Kit
10551	7 Pole Hardware Kit
10552	10 Pole Hardware Kit
SJ60K-4	4 Pole Front Connected Clear Cover - includes cover, cover knobs and cover stud hardware
SJ70K-4	4 Pole Back Connected Clear Cover - includes cover, cover knobs and cover stud hardware
SJ80K-4	4 Pole Front Connected Opaque Cover - includes cover, cover knobs and cover stud hardware
SJ90K-4	4 Pole Back Connected Opaque Cover - includes cover, cover knobs and cover stud hardware
SJ60K-7	7 Pole Front Connected Clear Cover - includes cover, cover knobs and cover stud hardware
SJ70K-7	7 Pole Back Connected Clear Cover - includes cover, cover knobs and cover stud hardware
SJ80K-7	7 Pole Front Connected Opaque Cover - includes cover, cover knobs and cover stud hardware
SJ90K-7	7 Pole Back Connected Opaque Cover - includes cover, cover knobs and cover stud hardware
SJ60K-10	10 Pole Front Connected Clear Cover - includes cover, cover knobs and cover stud hardware
SJ70K-10	10 Pole Back Connected Clear Cover - includes cover, cover knobs and cover stud hardware
SJ80K-10	10 Pole Front Connected Opaque Cover - includes cover, cover knobs and cover stud hardware
SJ90K-10	10 Pole Back Connected Opaque Cover - includes cover, cover knobs and cover stud hardware

Please refer to our website for accessory pictures.

FRONT VIEW

1-POLE

(On 1-Pole base unless otherwise noted)

1



20K01-B (1-Pole base)

Color Options: **1y**
20K01-F

1k
20K01-K
(1-pole base)

9



20K01-E (1-Pole base)

Other 1-Pole
Standard Arrangements:

1-26
20K01-P (2-Pole base)

9-26
20K01-E2 (2-Pole base)

2-POLE

(On 2-pole base unless otherwise noted)

1-1



20K02-D2 (2-Pole base)

2



20K02-B (2-Pole base)

Color Option: **2y**
20K02-N2
(2-Pole base)

11



20K02-D (2-Pole base)

10



20K02-G (2-Pole base)

2-POLE (CONT.)

13



20K02-E (2-Pole base)

Other 2-Pole
Standard Arrangements:

1/1g

20K02-J4 (2-Pole base)

26-1-1-26
20K02-K2 (4-Pole base)

26-2-26
20K02-A (4-Pole base)

26-13-26
20K02-V2 (4-Pole base)

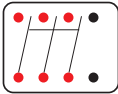
3-POLE

(On 4-Pole base unless otherwise noted)

1-1-1-26
20K03-B2 (4-Pole base)

Color Option: **1y-1y-1y-26**
20K03-N3
(4-Pole base)

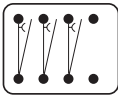
16-26



20K03-T (4-Pole base)

Color Option: **16K-26**
20K03-D4
(4-Pole base)

9-9-9-26



20K03-V2 (4-Pole base)

17



20K03-E2 (3-Pole base)

Other 3-Pole
Standard Arrangements:

1-10-26
20K03-E3 (4-Pole base)

3-POLE (CONT.)

1-11

20K03-C6 (3-Pole base)

1-25-25-26
20K03-A7 (4-Pole base)

15-24-26
20K03-A2 (4-Pole base)

16

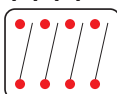
20K03-D (3-Pole base)

17-26
20K03-A3 (4-Pole base)

4-POLE

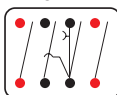
(On 4-pole base unless otherwise noted)

1-1-1-1



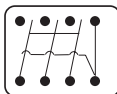
20K04-P

1-10-1



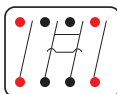
20K04-M

20-24



20K04-S3

1-13-1



20K04-D

Other 4-Pole
Standard Arrangements:

1-1-1-1
20K04-SA

1/1/10
20K04-X

1-1-11
20K04-C

1-1-25-25
20K04-A3

1-26-1-26-26-11
20K04-T6 (7-Pole base)

1-26-10-26-1-26
20K04-AK (7-Pole base)

4-POLE (CONT.)

4-1-1-5
20K04-E2

6-6-6-7
20K04-G5

9-24-14
20K04-GA

9-9-9-9
20K04-W

9-26-9-26-9-26-9
20K04-Z8 (7-Pole base)

10-1-1
20K04-K

10-2
20K04-C7

10-10
20K04-B

13-13
20K04-H

22
20K04-Q2

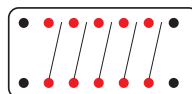
25-25-1-1
20K04-YA

26-26-26-4-1-1-5
20K04-RA (7-Pole base)

5-POLE

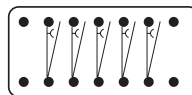
(On 7-pole base)

26-1-1-1-1-1-26



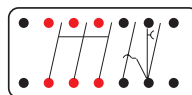
20K05-P

26-9-9-9-9-9-26



20K05-G5

26-16-10-26

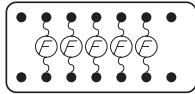


20K05-S3

FRONT VIEW

5-POLE (CONT.)

26-25-25-25-25-26



20K05-N5

Other 5-Pole
Standard Arrangements:

1-26-1-26-13-24
20K05-C8

1-26-26-10-11
20K05-B6

13-26-26-16
20K05-J4

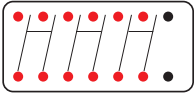
26-10-1-10-26
20K05-K

26-1-1-1-1-26
20K05-L5

26-2/1/1-1-26
20K05-B8

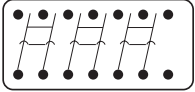
6-POLE (ON 7-POLE BASE)

2-2-2-2-6



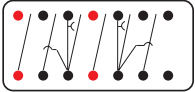
20K06-N4

13-13-13-26



20K06-F

1-10-1-11-26



20K06-T

Other 6-Pole
Standard Arrangements:

1-1-1-1-1-26
20K06-B

1-1-1-1-1-26
20K06-V8

1y-1y-1y-1y-1y-26
20K06-B8

1-1-1-26-25-25-25
20K06-LC

2-2/26-13
20K06-S5

4-6-4-6-4-5-26

6-POLE (CONT.)

20K06-S2

9-9-9-9-9-26

20K06-P5

11-11-11-26

20K06-Q3

10-10-10-26

20K06-R7

13-13-26/1/1

20K06-A

13-13-26/2

20K06-C5

13-13-13-26

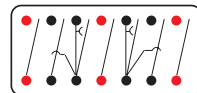
20K06-DC

13r-13r-13r-26

20K06-FR

7-POLE (ON 7-POLE BASE, UNLESS OTHERWISE NOTED)

1-10-1-11-1



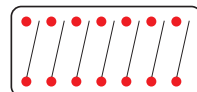
20K07-A

16-10-10



20K07-BZ

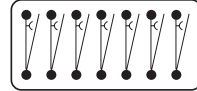
1-1-1-1-1-1-1



20K07-S

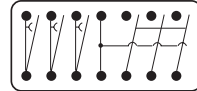
Color Option: **1y-1y-1y-1y-1y-1y-1y**
20K07-BJ

9-9-9-9-9-9-9



20K07-RA

9-9-9-24-19



20K07-T8

Other 7-Pole
Standard Arrangements:

/1/1/1/10-10

20K07-B2

1e-1b-1g-10eg-10bg

20K07-B7

1-1-1-10-11

20K07-E

1-1-1-1-11-1

20K07-R1

1/1/1-26-26-26-10-10

20K07-CE (10-Pole base)

1-10-1-10-1

20K07-K

/1/10/1/11/1/

20K07-M

/1k/10wg/1b/10gy/1/

20K07-CC

1-11-1-11-1

20K07-Z

1-13-1-13-1

20K07-D

1-13-1-13-1

20K07-AZ

/1/13/1y/13/1

20K07-DY3

1-26-1-26-1-26-10-11

20K07-CF (10-Pole base)

/1/26-10-26/1/26-10/1/

20K07-CG 10-Pole base)

1-26-10-26-1-26-11/1/

20K07-C2 10-Pole base)

1-26-13-26-1-26-13/1/

20K07-CD 10-Pole base)

9-11-9-11-9

20K07-NA

10-11-1-1-1

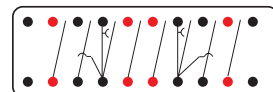
20K07-G

13-13-13-1

20K07-AX

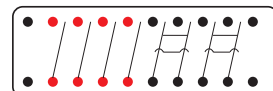
8-POLE (ON 10-POLE BASE)

26-1-10-1-1-11-1-26



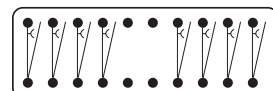
20K08-B

26-1-1-1-1-13-13-26



20K08-CD

9-9-9-9-26-26-9-9-9



20K08-U9

FRONT VIEW

Color Option:

9r-9r-9r-9r-26-26-9r-9r-9r-9r
20K08-XA

Other 8-Pole

Standard Arrangements:

1b/1g/1/24/-26-10-26-11rr

20K08-CF

26-1-1-1-1-1-1-1-1-26

20K08-N

26-1-1-1-1-1-1-1-1-26

20K08-AB

26-1-1-1-1-10-10-26

20K08-PE

26-1-1-1-1-10-11-26

20K08-E2

26-1/1/1/1/13-13-26

20K08-B6

26/1/6/1/6-4/1/3/1/26

20K08-CG

26-1r-6r-9k/1k/1w-9w-5g-1g-26

20K08-P6

26-1-10ek-1y-1w-10gk-1k-26

20K08-ME

26-1-10-10-10-1-26

20K08-F7

26-1-13-1-1-13-1-26

20K08-J

26-9-9-9-9-9-9-9-26

20K08-T9

26-9-9-9-24-19-5-26

20K08-TE

26-10-10-10-1-1-26

20K08-V

26-10-10-10-10-26

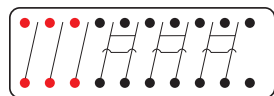
20K08-K6

26-16-24-13-13-26

20K08-JE

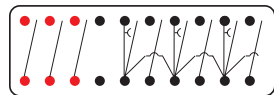
9-POLE (ON 10-POLE BASE)

1-1-1-13-13-13-26



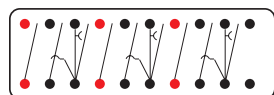
20K09-C

1-1-1-26-4-6-4-6-4-5



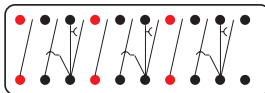
20K09-D8

1-10-1-10-1-10-26



20K09-K

16-10-10-10-26



20K09-XU

Other 9-Pole

Standard Arrangements:

1-1-1-1-1-1-1-1-26

20K09-W

1-1-1-1-1-13-13-26

20K09-C7

1-1-1-10-10-10-26

20K09-U

1-1-1-11-11-11-26

20K09-P

1-1-24-26-4-6-4-6-4-5

20K09-F8

1-10-10-1-10-1-26

20K09-G

1-11-1-11-1-11-26

20K09-N

1-13-1-13-1-13-26

20K09-H

9-9-9-9-9-9-9-9-26

20K09-Q4

9-10-10-10-10-26

20K09-U7

10-10-10-1-1-1-26

20K09-D

10-10-10-10-9-26

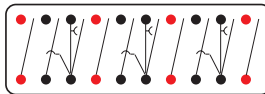
20K09-AB

11-9-11-9-11-9-26

20K09-XB

10-POLE (ON 10-POLE BASE)

1-10-1-10-1-10-1



20K10-E

Color Options:

1-10bw-1y-10gw-1e-10nw-1w

20K10-BZ

1-10rk-1w-10wb-1g-10ge-1k

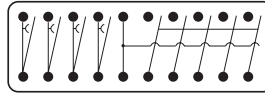
20K10-Z5

1-1-1-1-13-13-13



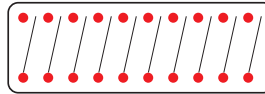
20K10-C

9-9-9-9-24-14-19



20K10-MA

1-1-1-1-1-1-1-1-1



20K10-Y

Color Options:

1y-1y-1y-1y-1y-1y-1y-1y-1y

20K10-H8

1k-1k-1k-1k-1k-1k-1k-1k-1k

20K10-K8

1-1-1-1-10-10-10

20K10-BT

1e-1b-1-24-10eg-10bg-10rg

20K10-BV

/1/1/1/24-11-11-11

20K10-D7

1-1-10-10-1-1-1-1

20K10-BB

1-6-1-6-1-6-4-4-4-24

20K10-X

/1/10/1/10/1/10/1/

20K10-EM

1-13-1-13-1-13-1

20K10-G

/1/13/1/13/1/13/1y/

20K10-W5

1-13-1-13-1-13-24

20K10-F

/1/13/1/13/1/13/24/

20K10-M

2-2-2-2-2

20K10-AA

2-2-2-2-13

20K10-CK

9-9-9-9-9-24-19

20K10-M9

9-9-9-24-5-5-5-5-5

20K10-B5

9-9-9-24-19-19

20K10-G9

9-9-24-19-19

20K10-V9

10-10-10-10-10

20K10-M4

13-13-13-1-1-1-24

20K10-BU

Please refer to the STATES website
for more part numbers and
up to date information.