Hubbell Industrial Controls, Inc.

## Cam Operated Master Switches

## How to Order

Order Cam Operated Standard Master Switch Type 4216 by two separate Part Numbers:

1) First Part Number for Master Switch with any options $4216-X X X X X-X X X$ (replace the " $X$ " with proper numbers).
2) Second Part Number for the proper Cam and Contact Group.

First Part Number:
A) Select ENCLOSURE Type, either OPEN or NEMA TYPE 1.
B) With or without POTENTIOMETER.
C) Select Optional Features.

Second Part Number:
A) CAM and CONTACT GROUP - Select the proper Cam Sequence for the Master

Switch Base price of the switch includes the Cam and Contact Group.
NOTES:
A) Right Hand Master is supplied as standard. If Left Hand Master is desired specify
"Left Hand Master".
B) Master Switch is supplied with standard nameplate markings. Specify by MOTION Hoist, Aux. Hoist, Main Hoist, Bridge or Trolley.

## TYPE 4216 STD. MASTER SWITCH

Type 4216 Standard Master Switches are designed for multi-speed control functions on heavy duty applications with ratings of 600 volts maximum, AC or DC duty, available in either step type (1-6 speeds) or stepless.

## Basic Switch Part Number w/o Option Suffix

Discount Schedule ES

| Maximum Number <br> of Circuits | Maximum Number <br> of Speed Points <br> (each Direction) | Open Type Std. <br> Master Switch |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Basic Switch <br> Part Number | Basic Switch <br> List Price | Basic Switch <br> Part Number | Basic Switch <br> List Price |
|  |  | 6 | $4216-49031-X X X$ | $\$ 2948$ | $4216-49032-X X X$ |
| 6 (6 Cam Unit) | 6 | $4216-49033-X X X$ | $\$ 3704$ | $4216-49034-X X X$ | $\$ 4158$ |
| 9 (9 Cam Unit) | 6 | $4216-49035-X X X$ | $\$ 4309$ | $4216-49036-X X X$ | $\$ 4763$ |
| 12 (12 Cam Unit) | 6 | $4216-49037-X X X$ | $\$ 5216$ | $4216-49038-X X X$ | $\$ 5670$ |
| 16 (16 Cam Unit) | 6 |  |  |  |  |

## Complete Part Number with Option Suffix

Discount Schedule ES

| Optional Features | W/O Potentiometer Assembly |  | WITH Potentiometer Assembly |  |
| :--- | :---: | :---: | :---: | :---: |
| (Add to Basic Master Switch Part Number and <br> List Price) | Add Suffix to <br> Basic Switch <br> P/N | Add to List <br> Price | Add Suffix to <br> Basic Switch <br> P/N | Add to List <br> Price |
| Standard Basic Switch without Options | -001 | N/C | -009 | $\$ 2268$ |
| With Spring Return Handle | -002 | $\$ 680$ | -010 | $\$ 2948$ |
| With Off Point Latch | -003 | $\$ 529$ | -011 | $\$ 2797$ |
| With Pushbutton in Handle | -004 | $\$ 1134$ | -012 | $\$ 3402$ |
| With Spring Return and Off Point Latch | -005 | $\$ 1210$ | -013 | $\$ 3478$ |
| With Spring Return and Pushbutton in Handle | -006 | $\$ 1814$ | -014 | $\$ 4082$ |
| With Off Point Latch and Pushbutton in Handle | -007 | $\$ 1663$ | -015 | $\$ 3931$ |
| With Spring Return, Off Point Latch and <br> Pushbutton in Handle | -008 | $\$ 2344$ | -016 | $\$ 4612$ |

## How to Order

Order Cam Operated Joystick Master Switch Type 4216 by three separate Part Numbers:

1) First Part Number for Master Switch with any options $4216-X X X X X-X X X$ (replace the " $X$ " with proper numbers).
2) Second Part Number for the proper Cam and Contact Group for Motion A.
3) Third Part Number for the proper Cam and Contact Group for Motion B.

## First Part Number:

A) Select ENCLOSURE Type, either OPEN or NEMA TYPE 1.
B) With or without POTENTIOMETER.
C) Select Optional Features.

Second \& Third Part Numbers:
A) CAM and CONTACT GROUP - Select the proper Cam Sequence for each motion Base price of the switch includes the Cam and Contact Groups.

NOTES:
A) Right Hand Master is supplied as standard. If Left Hand Master is desired specify "Left Hand Master".
B) Standard Handle and Cover Arrangement is supplied unless "Optional Handle and Cover Arrangement" is Specified.
C) Master Switch is supplied with standard nameplate markings. Specify drive designation for motions " $A$ " and " $B$ ".

## TYPE 4216 JOYSTICK MASTER SWITCH

Type 4216 Joystick Master Switch combines two standard 4216 Master Switches into one enclosure for operation by one handle. Moving the handle toward and away from the operator activates one of the Master Switch units. Moving the handle crosswise operates the other unit.

Basic Switch Part Number w/o Option Suffix
Discount Schedule ES

| Maximum Number of Circuits | Maximum Number of Speed Points (each Direction) | Enclosure |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Open Type Std. Master Switch |  | NEMA Type 1 Enclosed Std. Master Switch |  |
|  |  | Basic Switch Part Number | Basic Switch List Price | Basic Switch Part Number | Basic Switch List Price |
| 12 (Two 6 Cam Units) | 5 | 4216-49051-XXX | \$6464 | 4216-49052-XXX | \$7484 |
| 18 (Two 9 Cam Units) | 5 | 4216-49053-XXX | \$8127 | 4216-49054-XXX | \$9148 |
| 24 (Two 12 Cam Units) | 5 | 4216-49055-XXX | \$9488 | 4216-49056-XXX | \$10471 |
| 32 (Two 16 Cam Units) | 5 | 4216-49057-XXX | \$11453 | 4216-49058-XXX | \$12474 |

## Complete Part Number with Option Suffix

Discount Schedule ES

| Optional Features | W/O Potentiometer Assembly |  | WITH Two Potentiometer Assemblies <br> (One on each Cam Unit) |  |
| :--- | :---: | :---: | :---: | :---: |
| (Add to Basic Master Switch Part Number <br> and List Price) | Add Suffix to Basic <br> Switch P/N | Add to List <br> Price | Add Suffix to Basic <br> Switch P/N | Add to List <br> Price |
| Standard Basic Switch without Options | -001 | N/C | -005 | $\$ 4536$ |
| With Spring Return Handle | -002 | $\$ 1361$ | -006 | $\$ 5897$ |
| With Off Point Latch | -003 | $\$ 529$ | -007 | $\$ 5065$ |
| With Spring Return and Off Point Latch | -004 | $\$ 1890$ | -008 | $\$ 6426$ |

