

# ADVANTAGE™ SERIES SWITCH-RATED IEC PIN & SLEEVE



Highest Performing IEC Pin & Sleeve Connections  
for the Most Demanding Environments

Hubbell Wiring Device-Kellems Advantage™ Series Pin & Sleeve compatible devices that are approved as a disconnecting means

## The ADVANTAGES:

### Flexibility & Cost Savings:

#### IEC 60309-1 and -2

Governs performance and dimensional requirements to ensure safe interchangeability between all IEC 60309-2 pin & sleeve manufacturers.

#### Advantage™ Series

Hubbell Switch-Rated Connections save time and money by working with your existing installed base of IEC 60309-2 pin and sleeve plugs and inlets.

### Water & Dust Ingress Protection:

#### UL 50E Type 4X Test

High Flow of Water (65 gallons of water per minute thru 1" hose) is directed at all joints of the enclosure for 5 minutes.

#### IP69k Water Test

Extremely Hot (176°) and High Pressure Water (1450 psi) sprayed from various angles.

#### IP69k Dust Test

Device is placed in a dust chamber for 8 hours while a vacuum tries to pull dust into the sealed device.

#### Advantage™ Series

Uniquely designed for the most extreme wash down procedures, withstanding hot and high pressure water in addition to excessively dusty environments.

- **IEC 60309 Singularly Rated Device**

Mates with existing installed base of IEC 60309-2 pin & sleeve devices. Color coded by voltage for easy identification of mating devices.

- **Superior Water Ingress Protection**

UL witnessed IP69k and UL Type 4X and 12. Device is built to withstand wet and harsh environments.



- **Power Indicating LED Lights**

Highly visible and long lasting green LED lights on both sides of the device provide visual verification of power when connected.

#### Compact Design

Device is similar in size to standard IEC 60309-2 devices. Receptacles mount to standard Hubbell IEC Pin & Sleeve Back Boxes.



#### Impact Resistant Cover Arm

Compact and durable internal swing arm is fully shrouded protecting it from damage.

#### Power Indicating LED Lights

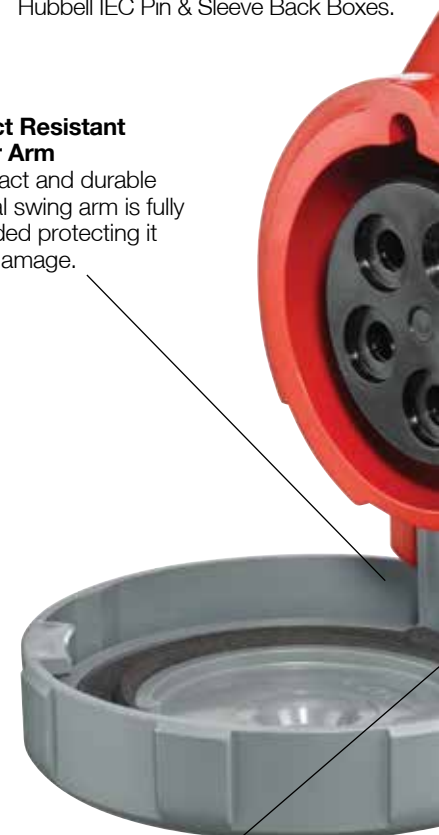
Provides visual verification of power when connected.

#### Stainless Steel Hardware

Provides superior corrosion resistance in wet and harsh environments.

#### Spring-Loaded Cover

Spring-loaded to the open position, reminding users that the cover must be secured to ensure maximum ingress protection.



# SWITCH-RATED PIN AND SLEEVE DEVICES

**HUBBELL®**  
Wiring Device-Kellems

Switch-Rated Devices are IEC 60309-2 for motor and branch circuits.

- **Continuous Ground Engagement**

Unswitched feed-thru ground pin is first-to-make and last-to-break followed by switched neutral and phase contact(s).

- **Sleek and Modern Design**

The ergonomic device is easy to keep clean making it ideal for hygienic food processing facilities.

- **Permanent Labelless Markings**

Product ratings are laser-marked into the device and will not wash off for easy and permanent identification.

**Spring-Loaded Disconnect Button**

Oversized for easy actuation with gloved hands.

**Heavy Duty External Cord Grips**

Provides maximum cord retention to maintain unstressed terminations.

**Pocketed Recess for Screws**

Deters slippage of the screwdriver and are conveniently located on the same side for easy installation.

**Robust and Durable Housing**

The UV-stabilized, impact and corrosion-resistant PBT housing is designed to withstand harsh industrial environments.

**Ergonomic Design**

Hubbell puts the Advantage™ into the palm of your hands with the easy-to-use leverage grip design from Hubbell.



**Approved Disconnecting Means:**

**NEC® Section 430.102(B)**

Requires each motor controller to have a disconnecting means within line of sight from the motor and driven equipment.

**Advantage™ Series**

IEC Pin & Sleeve Switch-Rated Devices are approved as disconnecting means for both **motor circuits** and **branch circuits**.

**Superior Performance:**

**UL 2682**

The standard to which all Switch-Rated plug and connectors are tested. Hubbell's Advantage™ Series passed and established new benchmarks for mechanical and electrical performance in this category.

**Advantage™ Series**

Robust **100kA** Max Short Circuit Current Interruption (SCCR)\*, and up to a **30HP** rating, far exceed most application requirements, making it the ideal solution for your motor connections.

\*when protected by 125A Class RK1 or 100A Class J fuses.



## Advantage™ Series Switch-Rated IEC Pin and Sleeve Ordering Information

| Rating |               |                      | Pin and Sleeve Devices |             |     |               |
|--------|---------------|----------------------|------------------------|-------------|-----|---------------|
| Amps   | Poles & Wires | AC Voltage           | Connector              | Receptacle  | HP  | Mating Plug** |
| 30     | 2P 3W         | 125V                 | HBLS330C4W             | HBLS330R4W  | 2   | HBLS330P4W    |
| 30     | 2P 3W         | 250V                 | HBLS330C6W*            | HBLS330R6W* | 5   | HBLS330P6W*   |
| 32     | 2P 3W         | 220-240V             |                        |             |     |               |
| 30     | 2P 3W         | 480V                 | HBLS330C7W             | HBLS330R7W  | 10  | HBLS330P7W    |
| 32     | 2P 3W         | 100-130V             | HBLS332C4W             | HBLS332R4W  | 2   | HBLS332P4W    |
| 30     | 3P 4W         | 125/250V             | HBLS430C12W            | HBLS430R12W | 2   | HBLS430P12W   |
| 30/32  | 3P 4W         | 30 250V              | HBLS430C9W*            | HBLS430R9W* | 10  | HBLS430P9W*   |
| 30     | 3P 4W         | 30 480V              | HBLS430C7W             | HBLS430R7W  | 20  | HBLS430P7W    |
| 30     | 3P 4W         | 30 600V              | HBLS430C5W             | HBLS430R5W  | 30  | HBLS430P5W    |
| 30/32  | 3P 4W         | 380-415V             | HBLS430C6W*            | HBLS430R6W* | 7.5 | HBLS430P6W*   |
| 32     | 3P 4W         | 380-440V             | HBLS432C3W             | HBLS432R3W  | 10  | HBLS432P3W    |
| 30     | 4P 5W         | 30Y<br>347/600V      | HBLS530C5W             | HBLS530R5W  | 30  | HBLS530P5W    |
| 30     | 4P 5W         | 200/346-<br>240/415V | HBLS530C6W*            | HBLS530R6W* | 7.5 | HBLS530P6W*   |
| 32     | 4P 5W         | 220/380V<br>240/415V |                        |             |     |               |
| 30     | 4P 5W         | 30Y<br>277/480V      | HBLS530C7W             | HBLS530R7W  | 20  | HBLS530P7W    |
| 30/32  | 4P 5W         | 30Y<br>120/208V      | HBLS530C9W*            | HBLS530R9W* | 10  | HBLS530P9W*   |

\*Certain IEC configurations allow for a single product to be certified as both a North American (Series 2) and International (Series 1). These products are marked accordingly with both the UL Listing and UL Classified markings.

\*\*Mating plug required to maintain 4X/IP69k ratings. HP Ratings when used with ADVANTAGE™ Series connections.

## Hubbell's Solutions for Disconnecting Means

|                                                                                | Hubbell<br>IEC<br>Pin &<br>Sleeve | 30A Hubbell Circuit-Lock® |                 |                         |                                  | Advantage™<br>Series |
|--------------------------------------------------------------------------------|-----------------------------------|---------------------------|-----------------|-------------------------|----------------------------------|----------------------|
|                                                                                |                                   | Motor<br>Disconnect       | Motor<br>Quick® | Mechanical<br>Interlock | Fused<br>Mechanical<br>Interlock |                      |
| Supports NFPA 70E Servicing Practices                                          | Yes                               | Yes                       | Yes             | Yes                     | Yes                              | Yes                  |
| IEC 60309-2 Safe Intermatability                                               | Yes                               | NA                        | NA              | Yes                     | Yes                              | Yes                  |
| UL Listed as Manual Motor Controller<br>NEC® 430.81-430.91                     | No                                | Yes                       | Yes             | Yes                     | No                               | No                   |
| UL Listed Suitable as Motor Branch Circuit Disconnect<br>NEC® 430.102(B)       | Yes                               | Yes                       | Yes             | Yes                     | Yes                              | Yes                  |
| UL Listed Suitable as General Purpose Branch Circuit Disconnect<br>NEC® 430.42 | No                                | No                        | No              | No                      | Yes                              | Yes                  |
| SCCR                                                                           | NA                                | 65kA*                     | 65kA*           | 65kA*                   | 200kA*                           | 100kA**              |
| H.P. Rating 30A 480V 3Ø                                                        | 7½                                | 15                        | 15              | 15                      | 15                               | 20                   |
| Water Ingress                                                                  | IP67                              | Type 4X & IP69k           | Type 4X & IP69k | IP67                    | IP67                             | Type 4X & IP69k      |
| Labelless Markings                                                             | Yes                               | Yes                       | No              | No                      | No                               | Yes                  |
| Visual Verification of Power                                                   | No                                | Yes                       | Yes             | Yes                     | Yes                              | Yes                  |
| Lockout/Tagout                                                                 | On Plug                           | Yes                       | Yes             | Yes                     | Yes                              | On Plug              |
| Auxiliary Contacts                                                             | No                                | Yes                       | Yes             | Yes                     | Yes                              | No                   |

\*When protected by 30A Class J Fuse

\*\*When protected by 100A Class J or 125A Class RK1 Fuse

## Twist-Lock® App

When you're on the go... Use the New Twist-Lock® App from Hubbell®.



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## Hubbell Guides

### 2013 Full Line Catalog



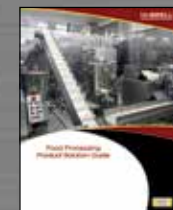
The new Hubbell Wiring Device-Kellems catalog showcases our enhanced product offering to provide a breadth of solutions for the industrial, commercial and residential markets.

### Hubbell Safety Brochure



Hubbell has always been focused on safety. That's why Hubbell products are designed and developed to first provide maximum safety against injury and the potential dangers of electricity.

### Hubbell Food Processing Solution Guide



Hubbell's food processing guide identifies Wiring Device-Kellems product solutions for areas where water, corrosiveness, harsh temperature and personal protection are required. Food processing is a demanding environment and Hubbell has the right products to keep production moving safely.

**HUBBELL®**  
Wiring Device-Kellems

[www.hubbell-wiring.com](http://www.hubbell-wiring.com)



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