

# 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:

- 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.



### 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.



#### **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 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	3Ø 250V	HBLS430C9W*	HBLS430R9W*	10	HBLS430P9W*
30	3P 4W	3Ø 480V	HBLS430C7W	HBLS430R7W	20	HBLS430P7W
30	3P 4W	3Ø 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	3ØY 347/600V	HBLS530C5W	HBLS530R5W	30	HBLS530P5W
30	4P 5W	200/346- 240/415V	HBLS530C6W*	HBLS530R6W*	7.5	HBLS530P6W*
32	4P 5W	220/380V 240/415V				
30	4P 5W	3ØY 277/480V	HBLS530C7W	HBLS530R7W	20	HBLS530P7W
30/32	4P 5W	3ØY 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 ampere (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 IEC Pin & Sleeve	30A Hubbell Circuit-Lock®				Advantage™ Series
		Motor Disconnect	Motor Quick®	Mechanical Interlock	Fused Mechanical 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 NEC® 430.81-430.91	No	Yes	Yes	Yes	No	No
UL Listed Suitable as Motor Branch Circuit Disconnect NEC® 430.102(B)	Yes	Yes	Yes	Yes	Yes	Yes
UL Listed Suitable as General Purpose Branch Circuit Disconnect 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®.



Download it today!



## 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.

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Wiring Device-Kellems

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