

## Take a closer look at fast-installing Pin & Sleeve products that work for you.

All P&S Splash Proof Pin & Sleeve plugs, connectors, receptacles, and inlets bring you the features to enhance versatility, reliability, and safety. For example, North American products come completely ready to wire, for quick, simple installation. And all feature impact- and chemical-resistant thermoplastic construction. Shrouded, nickel-plated, solid-brass pins provide corrosion protection and excellent conductivity. And an exclusive, hinged cord grip eliminates loose parts that get lost.



### FEATURES & BENEFITS

**Arrives ready to wire, with cord grip open** and cable-ready; terminal screws come backed out and ready to wire; front and back body require no disassembly prior to assembly.

**Revolutionary, hinged cord grip** for durable performance and ease of installation.

**Cover with integral neoprene gasket** provides watertight seal.



PS320C6S



PS320P6S

**Nickel-plated brass pins** provide extra corrosion resistance without sacrificing electrical conductivity.

**Combination-head screws** for added convenience and quick installation.

**Natural-rubber grommets** provide watertight protection at cable entry.

### FIELD USES/VERTICAL MARKETS

- Food & Beverage
- Pulp & Paper Mills
- Mines
- Refrigeration
- Petrochemical
- Water/Waste Water
- Shipbuilding
- Temporary Power



# PASS & SEYMOUR®

## IEC 309 Industrial Pin & Sleeve Devices

### North American & International Splash Proof

ORDERING INFORMATION											
NORTH AMERICAN SPLASH PROOF PRODUCT OFFERING											
UL CSA	CONFIGURATION		VOLTAGE/ COLOR CODING	SPLASHPROOF				BACK BOXES		NON-METALLIC BACK BOX	
	POLES & WIRES	RECEP./ CONN.		PLUG/ INLET	RECEPTACLE	PLUG	CONNECTOR	INLET	ANGLED BOX	RECEPTACLE	
<b>20 AMPS</b>											
			125		PS320P4S	PS320C4S			PSBB201W	PSBB201SP	PSBBN201W
			250	PS320R6S	PS320P6S	PS320C6S	PS320B6S	PSBB201W	PSBB201SP	PSBBN201W	
			277	PS320R5S	PS320P5S			PSBB201W	PSBB201SP	PSBBN201W	
			125/250	PS420R12S	PS420P12S	PS420C12S		PSBB202W	PSBB201SP	PSBBN202W	
			3ø 250	PS420R9S	PS420P9S	PS420C9S	PS420B9S	PSBB202W	PSBB201SP	PSBBN202W	
			3ø 480	PS420R7S	PS420P7S	PS420C7S	PS420B7S	PSBB202W	PSBB201SP	PSBBN202W	
			3ø 600	PS420R5S			PS420B5S	PSBB202W	PSBB201SP	PSBBN202W	
			3øY 120/208	PS520R9S		PS520C9S	PS520B9S	PSBB202W	PSBB201SP	PSBBN202W	
			3øY 277/480			PS520C7S	PS520B7S	PSBB202W	PSBB201SP	PSBBN202W	
			3øY 347/600	PS520R5S		PS520C5S	PS520B5S	PSBB202W	PSBB201SP	PSBBN202W	
<b>30 AMPS</b>											
			125	PS330R4S	PS330P4S	PS330C4S	PS330B4S	PSBB301W	PSBB301SP	PSBBN301W	
			250	PS330R6S	PS330P6S	PS330C6S	PS330B6S	PSBB301W	PSBB301SP	PSBBN301W	
			480		PS330P7S	PS330C7S	PS330B7S	PSBB301W	PSBB301SP	PSBBN301W	
			125/250	PS430R12S		PS430C12S	PS430B12S	PSBB301W	PSBB301SP	PSBBN301W	
			3ø 250	PS430R9S	PS430P9S	PS430C9S	PS430B9S	PSBB301W	PSBB301SP	PSBBN301W	
			3ø 480	PS430R7S	PS430P7S	PS430C7S	PS430B7S	PSBB301W	PSBB301SP	PSBBN301W	
			3ø 600	PS430R5S	PS430P5S	PS430C5S	PS430B5S	PSBB301W	PSBB301SP	PSBBN301W	
			3øY 120/208	PS530R9S	PS530P9S	PS530C9S	PS530B9S	PSBB301W	PSBB301SP	PSBBN301W	
			3øY 277/480		PS530P7S		PS530B7S	PSBB301W	PSBB301SP	PSBBN301W	
			3øY 347/600	PS530R5S	PS530P5S	PS530C5S	PS530B5S	PSBB301W	PSBB301SP	PSBBN301W	
<b>60 AMPS</b>											
			250	PS360R6S	PS360P6S	PS360C6S	PS360B6S	PSBB601W	PSBB601W	PSBBN601W	
			480	PS360R7S	PS360P7S	PS360C7S	PS360B7S	PSBB601W	PSBB601W	PSBBN601W	
			125/250	PS460R12S	PS460P12S	PS460C12S	PS460B12S	PSBB601W	PSBB601W	PSBBN601W	
			3ø 250	PS460R9S	PS460P9S	PS460C9S	PS460B9S	PSBB601W	PSBB601W	PSBBN601W	
			3ø 480	PS460R7S	PS460P7S	PS460C7S	PS460B7S	PSBB601W	PSBB601W	PSBBN601W	
			3ø 600	PS460R5S	PS460P5S	PS460C5S	PS460B5S	PSBB601W	PSBB601W	PSBBN601W	
			3øY 120/208	PS560R9S	PS560P9S	PS560C9S	PS560B9S	PSBB601W	PSBB601W	PSBBN601W	
			3øY 277/480	PS560R7S	PS560P7S	PS560C7S	PS560B7S	PSBB601W	PSBB601W	PSBBN601W	
			3øY 347/600	PS560R5S	PS560P5S	PS560C5S	PS560B5S	PSBB601W	PSBB601W	PSBBN601W	

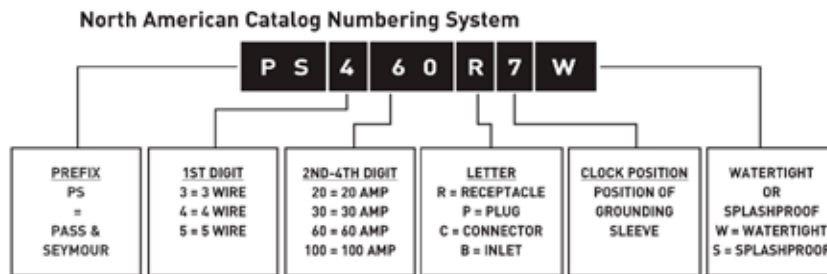
\*Line art for 60 amp only. 20 and 30 amp inlets are angled.  
 \*\*Line art for 20 and 30 amp only. 60 amp back box is angled.

# PASS & SEYMOUR®

## IEC 309 Industrial Pin & Sleeve Devices North American & International Splash Proof



### ORDERING INFORMATION



### NORTH AMERICAN SPLASH PROOF PRODUCT OFFERING

POLES & WIRES	CONFIGURATION		VOLTAGE/COLOR CODING	SPLASHPROOF (IP44 SUITABILITY)				
	RECEP./CONN.	PLUG/INLET		RECEPTACLE	PLUG	CONNECTOR	INLET	NON-METALLIC BACK BOX
<b>16 AMPS</b>								
2P3W			110/120	51920	51940	51980	51970*	52029
2P3W			220/240	52022	52042	52082	52172*	52029
2P3W			380/415	52222	52242	52282	52272*	52029
3P4W			220/240	52023	52043	52083	52073*	52229
3P4W			380/415	52223	52243	52283		52229
4P5W			220/240		52044	52084	52074*	52229
4P5W			220/380 240/415	52224	52244	52284	52174	52229
<b>32 AMPS</b>								
2P3W			110/120				51972*	
2P3W			220/240	52718	52742	52782	52872*	
2P3W			380/415		52942	52982	52972*	
3P4W			220/240		52743	52783	52773*	
3P4W			380/415		52943	52983	52873*	
4P5W			220/240		52744		52774*	
4P5W			220/380 240/415		52944	52984		
<b>63 AMPS</b>								
2P3W			110/120	53542	53582			53889
2P3W			220/240	53622	53642	53682	53772*	53889
3P4W			220/240	53623	53643	53683		53889
3P4W			380/415	53823	53843	53883	53773*	53889
4P5W			220/240		53644	53684		53889
4P5W			220/380 240/415	53824	53844	53884	53774*	53889

\*Use with Back Box listed for surface mounting. Refer to chart on Page I-34.

Additional international configuration available — consult Factory Export Department.

Watertight versions available. Please consult factory.



# PASS & SEYMOUR®

## IEC 309 Industrial Pin & Sleeve Devices

### North American & International Splash Proof

#### TECHNICAL SPECIFICATIONS

<b>MATERIALS</b>				
	<b>16/20 AMP</b>	<b>30/32 AMP</b>	<b>60/63 AMP</b>	<b>100/125 AMP</b>
<b>RECEPTACLES</b>				
Housing	Polyamide 6	Polyamide 6	Valox	Valox
Cover	Polyamide 66	Polyamide 66	Valox	Valox
Cover Spring	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Sealing Gasket†	Neoprene	Neoprene	Neoprene	Neoprene
Mounting Gasket	Neoprene	Neoprene	Neoprene	Neoprene
Contact Carrier	Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6
Sleeves	Brass w/Nickel Plate**	Brass w/Nickel Plate**	Brass w/Nickel Plate	Brass w/Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel
<b>INLETS</b>				
Housing	Polyamide 6	Polyamide 6	Valox	Valox
Mounting Flange	Polyamide 6	Polyamide 6	Valox	Valox
Locking Ring**	Polyamide 66	Polyamide 66	Valox	Valox
Sealing Gasket†	Neoprene	Neoprene	Neoprene	Neoprene
Mounting Gasket	Neoprene	Neoprene	Neoprene	Neoprene
Contact Carrier	Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6
Pins	Brass w/Nickel Plate**	Brass w/Nickel Plate**	Brass w/Nickel Plate	Brass w/Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel
<b>PLUGS</b>				
Housing	Polyamide 6	Polyamide 6	Valox	Valox
Locking Ring**	Polyamide 66	Polyamide 66	Valox	Valox
Sealing Gasket†	Neoprene	Neoprene	Neoprene	Neoprene
Housing Gasket	Neoprene	Neoprene	Neoprene	Neoprene
Back Body	Polyamide 6	Polyamide 6	Valox	Valox
Contact Carrier	Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6
Pins	Brass w/Nickel Plate**	Brass w/Nickel Plate**	Brass w/Nickel Plate	Brass w/Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel
Cord Grip	Polyamide 6	Polyamide 6	Polyamide 66	Polyamide 66
Grommet	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber
Cord Grip Screws	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Assembly Screws	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
<b>CONNECTORS</b>				
Housing	Polyamide 6	Polyamide 6	Valox	Valox
Cover	Polyamide 66	Polyamide 66	Valox	Valox
Cover Spring	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Sealing Gasket†	Neoprene	Neoprene	Neoprene	Neoprene
Housing Gasket	Neoprene	Neoprene	Neoprene	Neoprene
Back Body	Polyamide 6	Polyamide 6	Valox	Valox
Contact Carrier	Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6
Sleeves	Brass w/Nickel Plate**	Brass w/Nickel Plate**	Brass w/Nickel Plate	Brass w/Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel
Cord Grip	Polyamide 6	Polyamide 6	Polyamide 66	Polyamide 66
Grommet	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber
Cord Grip Screws	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Assembly Screws	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
<b>METALLIC BACK BOX</b>				
Housing	Cast Aluminum			
Hub	Cast Iron			
<b>NON-METALLIC BACK BOX</b>				
Housing	Polyamide 6			
Hub				

†Does not apply to splashproof.

\*\*16/20A and 30/32A sleeves and pins on splashproof products are brass only.  
 Splashproof inlets and plugs do not have locking rings.

Consult factory for additional details.

# PASS & SEYMOUR®

## IEC 309 Industrial Pin & Sleeve Devices North American & International Splash Proof



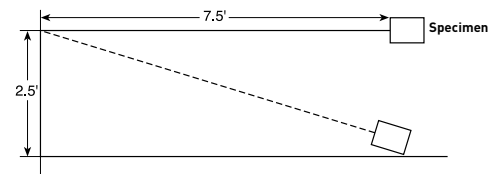
### TECHNICAL SPECIFICATIONS

#### PERFORMANCE

##### Electrical:

Dielectric Voltage Withstand	3000V maximum
Maximum Working Voltage	600V RMS, 60Hz - 400Hz
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of 150% overload (at 0.75 to 0.80 power factor)
Endurance	20 amp: 5000 cycles with full-rated current and voltage 30, 60, 100 amp: 2000 cycles with full-rated current and voltage applied on every other cycle

##### Mechanical:



**Impact Resistance** Device dropped 8 times from a height of 2.5 feet with 7.5 feet of cord attached (per CSA 182.1)

##### Cord Grip Retention

	Force, Lbs.**	Torque, Ft.lbs.**
20A	30	0.4
30A	75	0.5
60A	150	1.0
100A	150	1.0

\*\*Applied to minimum recommended cable size.

**Cord Accommodation** Round portable service cords

Diameters commensurate with the device rating as defined in UL62, CSA C22.2, No. 49, and the harmonized (HAR) European Standard

**Terminal Identification** Identified in accordance with North American convention, UL1682, and IEC 309-1, 309-2, rated for copper conductors only

**Product Identification** Identification and ratings are labeled on the device housing

##### Environmental:

Moisture Resistance	Per IEC 309-1
Flammability	Contact with live parts: V2 or V0 Enclosure: HB or better per UL94
Operating Temperature	+80°C maximum continuous; -50°C minimum without impact
UV Resistance	All enclosure materials are UV stable

## TECHNICAL SPECIFICATIONS

### Splashproof Pin & Sleeve Plugs 20, 30 & 60A

- Manufacturer's Identification: Pass & Seymour PS460P7S
- Description: Plug, Power Supply
- Type: 3 Pole, 4 Wire Grounding
- Rating: 60A, 3 Phase 480VAC
- Configuration: IEC 309-2, Clock Position 7, Splashproof (IP44)
- 3rd Party Compliance: UL Listed to UL Standard 1682; CSA Certified to CSA 22.2 No. 182.2; UL Classified to IEC 309-1 and IEC 309-2

### Splashproof Pin & Sleeve Connectors 20, 30 & 60A

- Manufacturer's Identification: Pass & Seymour PS460C7S
- Description: Connector, Power Supply
- Type: 3 Pole, 4 Wire Grounding
- Rating: 60A, 3 Phase 480VAC
- Configuration: IEC 309-2, Clock Position 7, Splashproof (IP44)
- 3rd Party Compliance: UL Listed to UL Standard 1682; CSA Certified to CSA 22.2 No. 182.2; UL Classified to IEC 309-1 and IEC 309-2

## ALSO AVAILABLE...

- Hospital Grade Devices
- PlugTail® Devices
- SPD & Isolated Ground Devices
- Ground Continuity Monitoring (GCM)
- Straight Blade Plugs & Connectors
- Turnlok® Locking Devices
- Weatherproof Boxes & Covers
- IEC 309 Industrial Products
- Flexcor® Wire Mesh Grips



### Electrical Wiring Systems

P.O. Box 4822  
Syracuse, NY 13221-4822  
Phone: 1.800.776.4035  
[www.legrand.us/passandseymour](http://www.legrand.us/passandseymour)  
570 Applewood Crescent  
Vaughan, Ontario L4K 4B4  
Phone: 905.738.9195  
[www.legrand.ca](http://www.legrand.ca)