

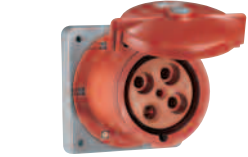
IEC 309 Watertight Pin & Sleeve Devices

2-Pole, 3-Wire Grounding
3-Pole, 4-Wire Grounding
4-Pole, 5-Wire Grounding

IEC 309 Pin & Sleeve Devices



A	Poles/ Wires	V/AC, Color Coding & Configuration	Catalog No.					
			Receptacle	Plug	Connector	Inlet		
20	2-P, 3-W	125		<input type="checkbox"/> CD320R4W	<input type="checkbox"/> CD320P4W	<input type="checkbox"/> CD320C4W	<input type="checkbox"/> CD320B4W	
		250		<input type="checkbox"/> CD320R6W	<input type="checkbox"/> CD320P6W	<input type="checkbox"/> CD320C6W	<input type="checkbox"/> CD320B6W	
		480		<input type="checkbox"/> CD320R7W	<input type="checkbox"/> CD320P7W	<input type="checkbox"/> CD320C7W	<input type="checkbox"/> CD320B7W	
	3-P, 4-W	125/250		<input type="checkbox"/> CD420R12W	<input type="checkbox"/> CD420P12W	<input type="checkbox"/> CD420C12W	<input type="checkbox"/> CD420B12W	
		3Ø 250		<input type="checkbox"/> CD420R9W	<input type="checkbox"/> CD420P9W	<input type="checkbox"/> CD420C9W	<input type="checkbox"/> CD420B9W	
		3Ø 480		<input type="checkbox"/> CD420R7W	<input type="checkbox"/> CD420P7W	<input type="checkbox"/> CD420C7W	<input type="checkbox"/> CD420B7W	
		3Ø 600		<input type="checkbox"/> CD420R5W	<input type="checkbox"/> CD420P5W	<input type="checkbox"/> CD420C5W	<input type="checkbox"/> CD420B5W	
	4-P, 5-W	3ØY 120/208		<input type="checkbox"/> CD520R9W	<input type="checkbox"/> CD520P9W	<input type="checkbox"/> CD520C9W	<input type="checkbox"/> CD520B9W	
		3ØY 277/480		<input type="checkbox"/> CD520R7W	<input type="checkbox"/> CD520P7W	<input type="checkbox"/> CD520C7W	<input type="checkbox"/> CD520B7W	
		3ØY 347/600		<input type="checkbox"/> CD520R5W	<input type="checkbox"/> CD520P5W	<input type="checkbox"/> CD520C5W	<input type="checkbox"/> CD520B5W	
	30	2-P, 3-W	125		<input type="checkbox"/> CD330R4W	<input type="checkbox"/> CD330P4W	<input type="checkbox"/> CD330C4W	<input type="checkbox"/> CD330B4W
			250		<input type="checkbox"/> CD330R6W	<input type="checkbox"/> CD330P6W	<input type="checkbox"/> CD330C6W	<input type="checkbox"/> CD330B6W
480				<input type="checkbox"/> CD330R7W	<input type="checkbox"/> CD330P7W	<input type="checkbox"/> CD330C7W	<input type="checkbox"/> CD330B7W	
3-P, 4-W		125/250		<input type="checkbox"/> CD430R12W	<input type="checkbox"/> CD430P12W	<input type="checkbox"/> CD430C12W	<input type="checkbox"/> CD430B12W	
		3Ø 250		<input type="checkbox"/> CD430R9W	<input type="checkbox"/> CD430P9W	<input type="checkbox"/> CD430C9W	<input type="checkbox"/> CD430B9W	
		3Ø 480		<input type="checkbox"/> CD430R7W	<input type="checkbox"/> CD430P7W	<input type="checkbox"/> CD430C7W	<input type="checkbox"/> CD430B7W	
		3Ø 600		<input type="checkbox"/> CD430R5W	<input type="checkbox"/> CD430P5W	<input type="checkbox"/> CD430C5W	<input type="checkbox"/> CD430B5W	
4-P, 5-W		3ØY 120/208		<input type="checkbox"/> CD530R9W	<input type="checkbox"/> CD530P9W	<input type="checkbox"/> CD530C9W	<input type="checkbox"/> CD530B9W	
		3ØY 277/480		<input type="checkbox"/> CD530R7W	<input type="checkbox"/> CD530P7W	<input type="checkbox"/> CD530C7W	<input type="checkbox"/> CD530B7W	
		3ØY 347/600		<input type="checkbox"/> CD530R5W	<input type="checkbox"/> CD530P5W	<input type="checkbox"/> CD530C5W	<input type="checkbox"/> CD530B5W	
60		2-P, 3-W	125		<input type="checkbox"/> CD360R4W	<input type="checkbox"/> CD360P4W	<input type="checkbox"/> CD360C4W	<input type="checkbox"/> CD360B4W
			250		<input type="checkbox"/> CD360R6W	<input type="checkbox"/> CD360P6W	<input type="checkbox"/> CD360C6W	<input type="checkbox"/> CD360B6W
	480			<input type="checkbox"/> CD360R7W	<input type="checkbox"/> CD360P7W	<input type="checkbox"/> CD360C7W	<input type="checkbox"/> CD360B7W	
	3-P, 4-W	125/250		<input type="checkbox"/> CD460R12W	<input type="checkbox"/> CD460P12W	<input type="checkbox"/> CD460C12W	<input type="checkbox"/> CD460B12W	
		3Ø 250		<input type="checkbox"/> CD460R9W	<input type="checkbox"/> CD460P9W	<input type="checkbox"/> CD460C9W	<input type="checkbox"/> CD460B9W	
		3Ø 480		<input type="checkbox"/> CD460R7W	<input type="checkbox"/> CD460P7W	<input type="checkbox"/> CD460C7W	<input type="checkbox"/> CD460B7W	
		3Ø 600		<input type="checkbox"/> CD460R5W	<input type="checkbox"/> CD460P5W	<input type="checkbox"/> CD460C5W	<input type="checkbox"/> CD460B5W	
	4-P, 5-W	3ØY 120/208		<input type="checkbox"/> CD560R9W	<input type="checkbox"/> CD560P9W	<input type="checkbox"/> CD560C9W	<input type="checkbox"/> CD560B9W	
		3ØY 277/480		<input type="checkbox"/> CD560R7W	<input type="checkbox"/> CD560P7W	<input type="checkbox"/> CD560C7W	<input type="checkbox"/> CD560B7W	
		3ØY 347/600		<input type="checkbox"/> CD560R5W	<input type="checkbox"/> CD560P5W	<input type="checkbox"/> CD560C5W	<input type="checkbox"/> CD560B5W	
	100	2-P, 3-W	125		<input type="checkbox"/> CD3100R4W	<input type="checkbox"/> CD3100P4W	<input type="checkbox"/> CD3100C4W	<input type="checkbox"/> CD3100B4W
			250		<input type="checkbox"/> CD3100R6W	<input type="checkbox"/> CD3100P6W	<input type="checkbox"/> CD3100C6W	<input type="checkbox"/> CD3100B6W
480				<input type="checkbox"/> CD3100R7W	<input type="checkbox"/> CD3100P7W	<input type="checkbox"/> CD3100C7W	<input type="checkbox"/> CD3100B7W	
3-P, 4-W		125/250		<input type="checkbox"/> CD4100R12W	<input type="checkbox"/> CD4100P12W	<input type="checkbox"/> CD4100C12W	<input type="checkbox"/> CD4100B12W	
		3Ø 250		<input type="checkbox"/> CD4100R9W	<input type="checkbox"/> CD4100P9W	<input type="checkbox"/> CD4100C9W	<input type="checkbox"/> CD4100B9W	
		3Ø 480		<input type="checkbox"/> CD4100R7W	<input type="checkbox"/> CD4100P7W	<input type="checkbox"/> CD4100C7W	<input type="checkbox"/> CD4100B7W	
		3Ø 600		<input type="checkbox"/> CD4100R5W	<input type="checkbox"/> CD4100P5W	<input type="checkbox"/> CD4100C5W	<input type="checkbox"/> CD4100B5W	
4-P, 5-W		3ØY 120/208		<input type="checkbox"/> CD5100R9W	<input type="checkbox"/> CD5100P9W	<input type="checkbox"/> CD5100C9W	<input type="checkbox"/> CD5100B9W	
		3ØY 277/480		<input type="checkbox"/> CD5100R7W	<input type="checkbox"/> CD5100P7W	<input type="checkbox"/> CD5100C7W	<input type="checkbox"/> CD5100B7W	
		3ØY 347/600		<input type="checkbox"/> CD5100R5W	<input type="checkbox"/> CD5100P5W	<input type="checkbox"/> CD5100C5W	<input type="checkbox"/> CD5100B5W	



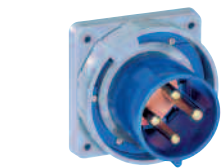
Receptacle



Plug



Connector



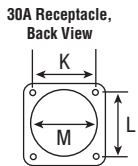
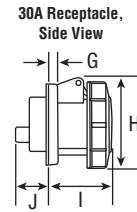
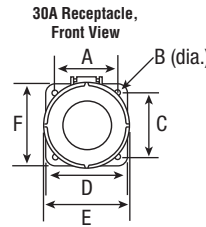
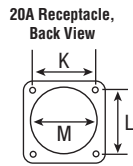
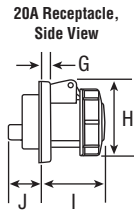
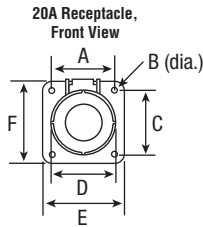
Inlet

Specification Information:

Pin & Sleeve Devices: E-13-E-15

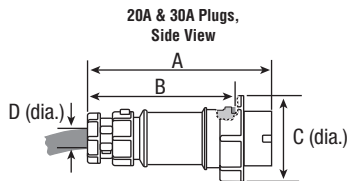
International rated devices are also available. Consult your Cooper Wiring Devices representative.

20A & 30A Receptacles



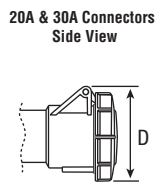
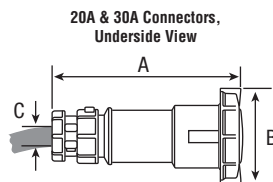
Family	A	B	C	D	E	F	G	H	I	J	K	L	M
20 Amp 2-P, 3-W	2.74" (6.96cm)	0.22" (0.56cm)	2.74" (6.96cm)	2.80" (7.11cm)	3.37" (8.56cm)	3.37" (8.56cm)	0.39" (0.99cm)	3.09" (7.85cm)	2.20" (5.59cm)	1.12" (2.85cm)	2.74" (6.96cm)	2.74" (6.96cm)	2.76" (7.01cm)
20 Amp 3-P, 4-W	2.74" (6.96cm)	0.22" (0.56cm)	2.74" (6.96cm)	3.07" (7.80cm)	3.37" (8.56cm)	3.37" (8.56cm)	0.39" (0.99cm)	3.44" (8.74cm)	2.20" (5.59cm)	1.12" (2.85cm)	2.74" (6.96cm)	2.74" (6.96cm)	2.76" (7.01cm)
20 Amp 4-P, 5-W	2.74" (6.96cm)	0.22" (0.56cm)	2.74" (6.96cm)	3.37" (8.56cm)	3.50" (8.89cm)	3.37" (8.56cm)	0.39" (0.99cm)	3.74" (9.50cm)	2.22" (5.64cm)	1.12" (2.85cm)	2.74" (6.96cm)	2.74" (6.96cm)	2.76" (7.01cm)
30 Amp 2-P, 3-W & 3-P, 4-W	2.74" (6.96cm)	0.22" (0.56cm)	2.74" (6.96cm)	3.37" (8.56cm)	3.76" (7.11cm)	3.37" (8.56cm)	0.39" (0.99cm)	3.90" (9.91cm)	2.70" (6.86cm)	1.38" (3.51cm)	2.74" (6.96cm)	2.74" (6.96cm)	2.76" (7.01cm)
30 Amp 4-P, 5-W	2.74" (6.96cm)	0.22" (0.56cm)	2.74" (6.96cm)	3.37" (8.56cm)	4.02" (10.21cm)	3.37" (8.56cm)	0.39" (0.99cm)	4.12" (10.46cm)	2.70" (6.86cm)	1.38" (3.51cm)	2.74" (6.96cm)	2.74" (6.96cm)	2.76" (7.01cm)

20A & 30A Plugs



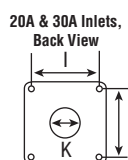
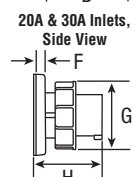
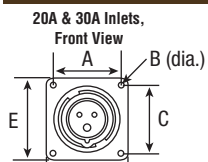
Family	A	B	C	D (cord dia.)	Threaded Entry (NPT)
20 Amp 2-P, 3-W	6.40" (16.26cm)	4.96" (12.60cm)	2.76" (7.01cm)	0.36-0.76" (0.91-1.93cm)	3/4" (1.91cm)
20 Amp 3-P, 4-W	6.69" (16.99cm)	5.26" (13.36cm)	3.07" (7.80cm)	0.36-0.76" (0.91-1.93cm)	3/4" (1.91cm)
20 Amp 4-P, 5-W	7.28" (18.49cm)	5.97" (15.16cm)	3.47" (8.81cm)	0.45-0.94" (1.14-2.39cm)	1" (2.54cm)
30 Amp 2-P, 3-W & 3-P, 4-W	7.80" (19.81cm)	6.14" (15.60cm)	3.70" (9.40cm)	0.43-0.94" (1.09-2.39cm)	1" (2.54cm)
30 Amp 4-P, 5-W	8.43" (21.41cm)	6.77" (17.20cm)	3.98" (10.11cm)	0.43-1.12" (1.09-2.84cm)	1 1/4" (3.18cm)

20A & 30A Connectors



Family	A	B	C (cord dia.)	D	Threaded Entry (NPT)
20 Amp 2-P, 3-W	6.85" (17.40cm)	2.84" (7.21cm)	0.36-0.76" (0.91-1.93cm)	3.11" (7.90cm)	3/4" (1.91cm)
20 Amp 3-P, 4-W	7.28" (18.49cm)	3.11" (7.90cm)	0.36-0.76" (0.91-1.93cm)	3.47" (8.81cm)	3/4" (1.91cm)
20 Amp 4-P, 5-W	7.92" (20.12cm)	3.47" (8.81cm)	0.45-0.94" (1.14-2.39cm)	3.74" (9.50cm)	1" (2.54cm)
30 Amp 2-P, 3-W & 3-P, 4-W	8.78" (22.30cm)	3.78" (9.60cm)	0.43-0.94" (1.09-2.39cm)	3.90" (9.91cm)	1" (2.54cm)
30 Amp 4-P, 5-W	9.18" (23.32cm)	4.02" (10.21cm)	0.43-1.12" (1.09-2.84cm)	4.17" (10.59cm)	1 1/4" (3.18cm)

20A & 30A Inlets



Family	A	B	C	D	E	F	G	H	I	J	K
20 Amp 2-P, 3-W	2.74" (6.96cm)	0.22" (0.56cm)	2.74" (6.96cm)	3.37" (8.56cm)	3.37" (8.56cm)	0.39" (0.99cm)	2.80" (7.11cm)	2.76" (7.01cm)	2.74" (6.96cm)	2.74" (6.96cm)	1.26" (3.18cm)
20 Amp 3-P, 4-W	2.74" (6.96cm)	0.22" (0.56cm)	2.74" (6.96cm)	3.37" (8.56cm)	3.37" (8.56cm)	0.39" (0.99cm)	3.11" (7.11cm)	2.76" (7.01cm)	2.74" (6.96cm)	2.74" (6.96cm)	1.26" (3.18cm)
20 Amp 4-P, 5-W	2.74" (6.96cm)	0.22" (0.56cm)	2.74" (6.96cm)	3.37" (8.56cm)	3.37" (8.56cm)	0.39" (0.99cm)	3.50" (8.89cm)	2.76" (7.01cm)	2.74" (6.96cm)	2.74" (6.96cm)	1.85" (4.70cm)
30 Amp 2-P, 3-W & 3-P, 4-W	2.74" (6.96cm)	0.22" (0.56cm)	2.74" (6.96cm)	3.37" (8.56cm)	3.37" (8.56cm)	0.43" (1.09cm)	3.70" (9.40cm)	2.76" (7.01cm)	2.74" (6.96cm)	2.74" (6.96cm)	1.85" (4.70cm)
30 Amp 4-P, 5-W	2.74" (6.96cm)	0.22" (0.56cm)	2.74" (6.96cm)	3.37" (8.56cm)	3.37" (8.56cm)	0.43" (1.09cm)	4.02" (10.21cm)	2.76" (7.01cm)	2.74" (6.96cm)	2.74" (6.96cm)	1.85" (4.70cm)

**IEC 309 Watertight
Pin & Sleeve Devices**

20A & 30A
2-Pole, 3-Wire Grounding
3-Pole, 4-Wire Grounding; 4-Pole, 5-Wire Grounding

	Device Type	20A & 30A Pin & Sleeve Receptacles	20A & 30A Pin & Sleeve Plugs	20A & 30A Pin & Sleeve Connectors	20A & 30A Pin & Sleeve Inlets
	Testing & Code Compliance	• Conforms to IEC Standards 60309-1 and 60309-2	• Conforms to IEC Standards 60309-1 and 60309-2	• Conforms to IEC Standards 60309-1 and 60309-2	• Conforms to IEC Standards 60309-1 and 60309-2
		• Listed to UL498, UL1682 & UL1686	• Listed to UL498, UL1682 & UL1686	• Listed to UL498, UL1682 & UL1686	• Listed to UL498, UL1682 & UL1686
		• CSA Certified to C22.2, 182.1	• CSA Certified to C22.2, 182.1	• CSA Certified to C22.2, 182.1	• CSA Certified to C22.2, 182.1
Specifications: Environmental	Flammability	Meets UL 94 requirements; V2 rated (housings), V0 rated (contact carriers)	Meets UL 94 requirements; V2 rated (housings), V0 rated (contact carriers)	Meets UL 94 requirements; V2 rated (housings), V0 rated (contact carriers)	Meets UL 94 requirements; V2 rated (housings), V0 rated (contact carriers)
	Protection	Watertight to IP 67 per IEC 529	Watertight to IP 67 per IEC 529	Watertight to IP 67 per IEC 529	Watertight to IP 67 per IEC 529
Specifications: Electrical	Dielectric Voltage	3000V	3000V	3000V	3000V
	Maximum Working Voltage	600V (rms)	600V (rms)	600V (rms)	600V (rms)
	Current Interrupting	Yes, at full-rated current & voltage	Yes, at full-rated current & voltage	Yes, at full-rated current & voltage	Yes, at full-rated current & voltage
	Temperature Rise	Max. 30°C (86°F) after 50 cycles of overload @150% of rated current	Max. 30°C (86°F) after 50 cycles of overload @150% of rated current	Max. 30°C (86°F) after 50 cycles of overload @150% of rated current	Max. 30°C (86°F) after 50 cycles of overload @150% of rated current
	Endurance	5000 cycles	5000 cycles	5000 cycles	5000 cycles
Specifications: Mechanical	Voltage Ratings	Marked on device	Marked on device	Marked on device	Marked on device
	Impact Resistance	CSA 22.2, 182.1, UL1862	CSA 22.2, 182.1, UL1862	CSA 22.2, 182.1, UL1862	CSA 22.2, 182.1, UL1862
	Cable Grip Retention	CSA 22.2, 182.1, UL1862	CSA 22.2, 182.1, UL1862	CSA 22.2, 182.1, UL1862	CSA 22.2, 182.1, UL1862
Materials:	Housing & Flange	PBT polyester & nylon/ABS blend	Type 6 nylon	Type 6 nylon	Type 6 nylon & PC/PET blend
	Back Body	N/A	Type 6 nylon	Type 6 nylon	N/A
	Contact Carrier/Support Isolators	Type 6/6 nylon	Type 6 nylon	Type 6/6 nylon	Type 6 nylon
	Sleeves	Brass	N/A	Brass	N/A
	Contact Spring on Sleeves	Nickel-plated stainless steel	N/A	Nickel-plated stainless steel	N/A
	Pins	N/A	Nickel-plated brass	N/A	Nickel-plated brass
	External Strain Relief Clamp	N/A	PC/PET blend	PC/PET blend	N/A
	Cable Seal	N/A	EPDM rubber	EPDM rubber	N/A
	Support Washer for Cord Grip	N/A	Zinc-plated steel, chromate finish	Zinc-plated steel, chromate finish	N/A
	Rivet	PBT polyester	N/A	PBT polyester	N/A
	Bayonette Ring	N/A	PC/PET blend	N/A	PC/PET blend
	Bayonette Gasket	N/A	NBR rubber	N/A	NBR rubber
	Cover	Type 6 nylon w/ PBT locking ring	N/A	Type 6 nylon w/ PBT locking ring	N/A
	Cover Spring	Stainless steel	N/A	Stainless steel	N/A
	Cover Gasket	NBR rubber	N/A	NBR rubber	N/A
Flange Gasket	EPDM rubber	N/A	EPDM rubber	N/A	
Terminal Screws	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	
Assembly Screws	Stainless steel	Stainless steel	Stainless steel	Stainless steel	