



- Standard Type: IEC 60309
- Voltage Ratings: 120 to 600 VAC
- Protection Rating: IP44 Version or IP67 Version
- Contacts: 3 Pole, 4 Pole & 5 Pole (including ground)
- Amperage Ratings: 20 AMP or 30 AMP
- Housing Material: Polyamide 6
- Contact Material: Brass or Nickel-Plated Brass
- Temperature Rating: -13°F to 176°F (-25°C to 80°C)



IP44 (Splashproof)
IEC 60309

Amps	Poles	Ground Pin	TYPE		PLUGS		CONNECTORS		RECEPTACLES		RECEPTACLES		RECEPTACLES		INLETS		INLETS	
			Voltage (colors)		Male		Female		Female		Female		Male		Male			
20A	2P3W (3p)		4h	Manufacturer	cable mount		cable mount		flange straight		flange angled		wall mount		flange straight		wall mount	
					ABL	PCE	ABL	PCE	ABL	PCE	ABL	PCE	ABL	PCE	ABL	PCE	ABL	PCE
					S31S10A	0139-4	K31S10A	2139-4	F31S10A	3139-4ft7	F31S10A	4139-4ft8	D31S11A	11391-4	A31S12A	6139-4	G31S10A	5139-4
					S31S70A	0139-5	K31S70A	2139-5	F31S70A	3139-5ft7	F31S70A	4139-5ft8	D31S71A	11391-5	A31S72A	6139-5	G31S70A	5139-5
	3P4W (4p)		5h	S31S20A	0139-6	K31S20A	2139-6	F31S20A	3139-6ft7	F31S20A	4139-6ft8	D31S21A	11391-6	A31S22A	6139-6	G31S20A	5139-6	
				6h	S31S50A	0139-7	K31S50A	2139-7	F31S50A	3139-7ft7	F31S50A	4139-7ft8	D31S51A	11391-7	A31S52A	6139-7	G31S50A	5139-7
					S41S00A	0149-3	K41S00A	2149-3	F41S00A	3149-3ft7	F41S00A	4149-3ft8	D41S01A	11491-3	A41S02A	6149-3	G41S00A	5149-3
				S41S70A	0149-5	K41S70A	2149-5	F41S70A	3149-5ft7	F41S70A	4149-5ft8	D41S71A	11491-5	A41S72A	6149-5	G41S70A	5149-5	
	4P5W (5p)		6h	S41S30A	0149-6	K41S30A	2149-6	F41S30A	3149-6ft7	F41S30A	4149-6ft8	D41S31A	11491-6	A41S32A	6149-6	G41S30A	5149-6	
				7h	S41S50A	0149-7	K41S50A	2149-7	F41S50A	3149-7ft7	F41S50A	4149-7ft8	D41S51A	11491-7	A41S52A	6149-7	G41S50A	5149-7
					S41S20A	0149-9	K41S20A	2149-9	F41S20A	3149-9ft7	F41S20A	4149-9ft8	D41S21A	11491-9	A41S22A	6149-9	G41S20A	5149-9
				S41S60A	0149-12	K41S60A	2149-12	F41S60A	3149-12ft7	F41S60A	4149-12ft8	D41S61A	11491-12	A41S62A	6149-12	G41S60A	5149-12	
30A	2P3W (3p)		5h	S51S70A	0159-5	K51S70A	2159-5	F51S70A	3159-5ft7	F51S70A	4159-5ft8	D51S71A	11591-5	A51S72A	6159-5	G51S70A	5159-5	
				6h	S51S30A	0159-6	K51S30A	2159-6	F51S30A	3159-6ft7	F51S30A	4159-6ft8	D51S31A	11591-6	A51S32A	6159-6	G51S30A	5159-6
					S51S50A	0159-7	K51S50A	2159-7	F51S50A	3159-7ft7	F51S50A	4159-7ft8	D51S51A	11591-7	A51S52A	6159-7	G51S50A	5159-7
				S51S20A	0159-9	K51S20A	2159-9	F51S20A	3159-9ft7	F51S20A	4159-9ft8	D51S21A	11591-9	A51S22A	6159-9	G51S20A	5159-9	
	3P4W (4p)		7h	S32S10A	0239-4	K32S10A	2239-4	F32S10A	3239-4ft7	F32S10A	4239-4ft8	D32S11A	12391-4	A32S12A	6239-4	G32S10A	5239-4	
				8h	S32S70A	0239-5	K32S70A	2239-5	F32S70A	3239-5ft7	F32S70A	4239-5ft8	D32S71A	12391-5	A32S72A	6239-5	G32S70A	5239-5
					S32S20A	0239-6	K32S20A	2239-6	F32S20A	3239-6ft7	F32S20A	4239-6ft8	D32S21A	12391-6	A32S22A	6239-6	G32S20A	5239-6
				S32S50A	0239-7	K32S50A	2239-7	F32S50A	3239-7ft7	F32S50A	4239-7ft8	D32S51A	12391-7	A32S52A	6239-7	G32S50A	5239-7	
	4P5W (5p)		9h	S42S00A	0249-3	K42S00A	2249-3	F42S00A	3249-3ft7	F42S00A	4249-3ft8	D42S01A	12491-3	A42S02A	6249-3	G42S00A	5249-3	
				10h	S42S70A	0249-5	K42S70A	2249-5	F42S70A	3249-5ft7	F42S70A	4249-5ft8	D42S71A	12491-5	A42S72A	6249-5	G42S70A	5249-5
					S42S30A	0249-6	K42S30A	2249-6	F42S30A	3249-6ft7	F42S30A	4249-6ft8	D42S31A	12491-6	A42S32A	6249-6	G42S30A	5249-6
				S42S50A	0249-7	K42S50A	2249-7	F42S50A	3249-7ft7	F42S50A	4249-7ft8	D42S51A	12491-7	A42S52A	6249-7	G42S50A	5249-7	
4P5W (5p)		11h	S42S20A	0249-9	K42S20A	2249-9	F42S20A	3249-9ft7	F42S20A	4249-9ft8	D42S21A	12491-9	A42S22A	6249-9	G42S20A	5249-9		
			12h	S42S60A	0249-12	K42S60A	2249-12	F42S60A	3249-12ft7	F42S60A	4249-12ft8	D42S61A	12491-12	A42S62A	6249-12	G42S60A	5249-12	
				S52S70A	0259-5	K52S70A	2259-5	F52S70A	3259-5ft7	F52S70A	4259-5ft8	D52S71A	12591-5	A52S72A	6259-5	G52S70A	5259-5	
			S52S30A	0259-6	K52S30A	2259-6	F52S30A	3259-6ft7	F52S30A	4259-6ft8	D52S31A	12591-6	A52S32A	6259-6	G52S30A	5259-6		



IP67 (Watertight)
IEC 60309



Altech®

Pin & Sleeve Devices

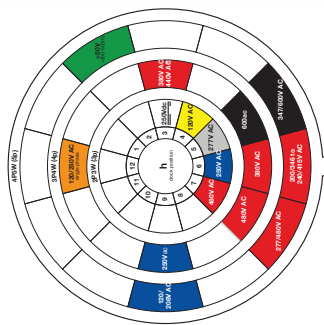
AT A GLANCE

Order Catalog
PN- 252



Earthing contact is visibly wider.
Example: Position of the earthing contact - viewed from front side of socket or connector
6h
400V 4P5W = 6h

Clock positions North American Rating - Series II



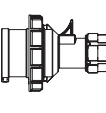
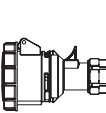
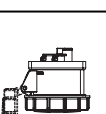
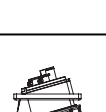
per UL 1686

COMPETITORS

- Mennekes
- Eaton
- PCE
- ABB
- Scame
- Leviton
- Hubbell
- Lapp

ABL versus PCE

There may be some small asctetic differences between ABL and PCE, but they have the same fit, form and function.

  IP67 (Watertight) IEC 60309    										TYPE		Pin Gender		Voltage (colors)		Ground Pin	Poles	Amps
Male		Female		cable mount		cable mount		cable mount										
PLUGS		CONNECTORS		RECEPTACLES		RECEPTACLES		RECEPTACLES										
Female		Female		Female		Female		Female										
75x75 mm		80x97 mm		wall mount		flange angled		flange straight										
ABL		ABL		ABL		ABL		ABL										
PCE		PCE		PCE		PCE		PCE										
D31S15A		D31S18A		D31S15A		D31S18A		D31S15A										
D31S75A		D31S78A		D31S75A		D31S78A		D31S75A										
D31S25A		D31S28A		D31S25A		D31S28A		D31S25A										
D31S55A		D31S58A		D31S55A		D31S58A		D31S55A										
D41S05A		D41S08A		D41S05A		D41S08A		D41S05A										
D41S75A		D41S78A		D41S75A		D41S78A		D41S75A										
D41S35A		D41S38A		D41S35A		D41S38A		D41S35A										
D41S55A		D41S58A		D41S55A		D41S58A		D41S55A										
D41S25A		D41S28A		D41S25A		D41S28A		D41S25A										
D41S65A		D41S68A		D41S65A		D41S68A		D41S65A										
D51S75A		D51S78A		D51S75A		D51S78A		D51S75A										
D51S35A		D51S38A		D51S35A		D51S38A		D51S35A										
D51S55A		D51S58A		D51S55A		D51S58A		D51S55A										
D51S25A		D51S28A		D51S25A		D51S28A		D51S25A										
D51S65A		D51S68A		D51S65A		D51S68A		D51S65A										
D32S15A		D32S18A		D32S15A		D32S18A		D32S15A										
D32S75A		D32S78A		D32S75A		D32S78A		D32S75A										
D32S25A		D32S28A		D32S25A		D32S28A		D32S25A										
D32S55A		D32S58A		D32S55A		D32S58A		D32S55A										
D42S05A		D42S08A		D42S05A		D42S08A		D42S05A										
D42S75A		D42S78A		D42S75A		D42S78A		D42S75A										
D42S35A		D42S38A		D42S35A		D42S38A		D42S35A										
D42S55A		D42S58A		D42S55A		D42S58A		D42S55A										
D42S25A		D42S28A		D42S25A		D42S28A		D42S25A										
D42S65A		D42S68A		D42S65A		D42S68A		D42S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
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D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S35A										
D52S55A		D52S58A		D52S55A		D52S58A		D52S55A										
D52S25A		D52S28A		D52S25A		D52S28A		D52S25A										
D52S65A		D52S68A		D52S65A		D52S68A		D52S65A										
D52S75A		D52S78A		D52S75A		D52S78A		D52S75A										
D52S35A		D52S38A		D52S35A		D52S38A		D52S3										

Color codes

For ease of identification of the various voltages and frequencies all CEE plugs and sockets are color coded.

Rated operating voltage:

Color:

20-25V

violet

40-50V

white

100-130V

yellow

200-250V

blue

380-480V

red

500-1000V

black

>500-500Hz

green

no colour code

grey