

# Pin and Sleeve Devices Ordering Information - Splashproof IP 44



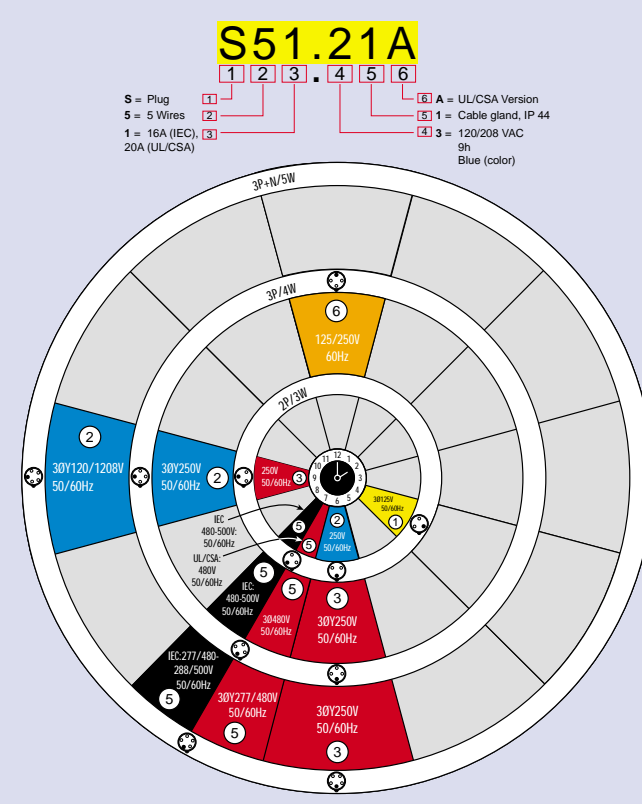
Ground Pin	IP44 Poles	Amps	Voltage	Color	Plug		Receptacle		Connector		Inlet			
					Sleeve	Gland	Straight	Angled	80°/Box	Sleeve	Gland	Straight	Angled	80°/Box
4h	2P/3W	20	125	YELLOW	S31.10A	S31.11A	F31.13A	F31.10A	D 31.10	K31.10A	K31.11A	A31.14A	---	G31.10
6h	2P/3W	20	250	BLUE	S31.20A	S31.21A	F31.23A	F31.20A	D 31.20	K31.20A	K31.21A	A31.24A	---	G31.20
7h	2P/3W	20	480	RED	S31.50A	S31.51A	F31.53A	F31.50A	---	K31.50A	K31.51A	A31.54A	---	---
12h	3P/4W	20	125/250	ORANGE	S41.60A	S41.61A	F41.63A	F41.60A	---	K41.60A	K41.61A	A41.64A	---	---
9h	3P/4W	20	250	BLUE	S41.20A	S41.21A	F41.23A	F41.20A	D 41.20	K41.20A	K41.21A	A41.24A	---	G41.20
7h	3P/4W	20	480	RED	S41.50A	S41.51A	F41.53A	F41.50A	D 41.50A	K41.50A	K41.51A	A41.54A	---	G41.50A
7h	3P/4W	20	500	BLACK	S 41.50	S 41.51	F 41.53	F41.50	D 41.50	K 41.50	K 41.51	A 41.54	---	G41.50
9h	4P/5W	20	120/208	BLUE	S51.20A	S51.21A	F51.23A	F51.20A	D 51.20	K51.20A	K51.21A	A 51.24A	A51.20A	G51.20
7h	4P/5W	20	277/480	RED	S51.50A	S51.51A	F51.53A	F51.50A	---	K51.50A	K51.51A	A51.54A	A51.50A	G51.50A
7h	4P/5W	20	500	BLACK	S 51.50	S 51.51	F 51.53	F51.50	---	K 51.50	K 51.51	A 51.54	A 51.50	G51.50

# Pin and Sleeve Devices Ordering Information - Watertight IP 67



Ground Pin	IP44 Poles	Amps	Voltage	Color	Plug		Receptacle		Connector		Inlet	
					Gland	Straight	Angled	80°/Box	Gland	Angled	80°/Box	
4h	2P/3W	20	125	YELLOW	S31.15A	F31.18A	F31.15A	D 31.17	K31.15A	---	---	
6h	2P/3W	20	250	BLUE	S31.25A	F31.28A	F31.25A	D 31.27	K31.25A	---	---	
7h	2P/3W	20	480	RED	S31.55A	F31.58A	F31.55A	---	K31.55A	---	---	
12h	3P/4W	20	125/250	ORANGE	S41.65A	F41.68A	F41.65A	D 41.67	K41.65A	---	---	
9h	3P/4W	20	250	BLUE	S41.25A	F41.28A	---	D 41.27	K41.25A	---	---	
7h	3P/4W	20	480	RED	S41.55A	F41.58A	---	D 41.57 A	K41.55A	---	---	
7h	3P/4W	20	500	BLACK	S 41.55	F 41.58	---	D 41.57	K 41.55	---	---	
9h	4P/5W	20	120/208	BLUE	S51.25A	F51.28A	F51.26A	D 51.27	K51.25A	A51.25A	---	
7h	4P/5W	20	277/480	RED	S51.55A	F51.58A	F51.56A	---	K51.55A	A51.55A	---	
7h	4P/5W	20	500	BLACK	S 51.55	F 51.58	F 51.56	---	K 51.55	A 51.55	---	

### NUMBERING SYSTEM OF TYPE NUMBERS

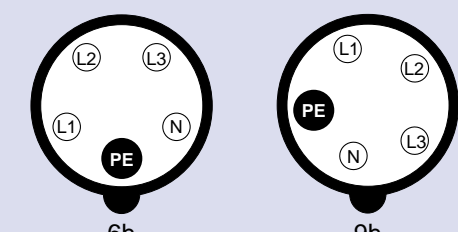


- 1 Pin & Sleeve Type**
  - A - Inlet, Panel mount
  - D - Receptacles, Wall mount
  - F - Receptacles, Panel mount
  - G - Inlet, Wall mount
  - K - Connector
  - S - Plug
- 2 No. of Wires**
  - 5 - 5 Wires
  - 4 - 4 Wires
  - 3 - 3 Wires
- 3 Ampere Rating (A)**

1	16	20
2	32	30
3	63	60
4	125	100
- 4 Voltage, Ground Pin position and Color**
- 5 Housing Specification**
  - A - Inlet, Panel mount
    - 0 - 45° Panel mount, IP 44
    - 4 - Panel mount, IP 44
    - 5 - 45° Panel mount, IP 67
  - D - Receptacles, Wall mount
    - 0 - 15° Wall mount IP 44
    - 1 - 25° Wall mount with back box, IP 44 (mounting holes outside)
    - 2 - 25° Wall mount with back box, IP 44 (mounting holes in box)
    - 6 - 25° Wall mount with back box, IP 67 (mounting holes in box)
    - 7 - 25° Wall mount with back box, IP 67 (mounting holes in box)
  - F - Receptacles, Panel mount
    - 0 - 25° panel mount, IP 44
    - 1 - 20° panel mount, IP 44
    - 3 - Panel mount, IP 44
    - 4 - Large flange, panel mount, IP 44
    - 5 - 25° panel mount, IP 67
    - 6 - 20° panel mount, IP 67
    - 7 - 15° panel mount, IP 67
    - 8 - Panel mount, IP 67
    - 9 - Panel mount with short flange, IP 67
  - G - Inlet, Wall mount
    - 1 - 15° Wall mount, IP 44
    - 5 - 20/25° Wall mount, IP 67
  - K - Connector
    - 0 - Cable flexible sleeve, IP 44
    - 1 - Cable gland, IP 44
    - 5 - Cable gland, IP 67
  - S - Plug
    - 0 - Cable flexible sleeve, IP 44
    - 1 - Cable gland, IP 44
    - 5 - Cable gland, IP 67

### COLOR CODING AND GROUND PIN POSITIONS

Pin and Sleeve devices are color coded to provide positive voltage and frequency matching and external key-ways ensure correct alignment of contact pins. The position of the ground pin relative to the socket's key-way are designated as a clock hour position.



The ground terminal also has a larger diameter than the contacts, making it impossible to install in an IEC 60309 device with a different voltage rating.

**Note:** Light typeface signifies 30 piece initial minimal order, however consult Altech for current status on this requirement.

Front view of receptacle/connector to contact barrier