

## CONTROL COMPONENTS

# Industry Plugs & Sockets

Standard: IEC60309-1; IEC60309-2



### Range Presentation:



HIPS series is a new generation industry plug and sockets design. It is easy to plug and install and can provide better stability. It can be widely used in outdoor and other harsh places like docks, construction sites, farms, airports, and electric vehicle charging stations etc.

HIPS series product line covers moving and fixed plugs and sockets.

### Features:

- ◆ **Nickel-plated copper conductor:**  
Excellent wear and corrosion resistance, withstand 50000 times of plugging.
- ◆ **High-quality flame retardant PA shell:**  
Strong impact resistance, UV resistance and flame retardant, high durability in tough conditions
- ◆ **Snap on design for plug and connector:**  
convenient for disassembly and assembly

### Selection Code

Range name	Type	Poles	Rated current	Protection level	Rated voltage	Reference
HIPS	0	3	16	IP44	3	
	0- Moving industry plug	3: 2P+E 4: 3P+E 5: 4P+E	16: 16A 32: 32A	IP44	3: 220-250VAC (For 2P+E) 4: 380-415VAC (For 3P+E) 5: 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS0316IP443 HIPS0332IP443 HIPS0416IP444 HIPS0432IP444 HIPS0516IP445 HIPS0532IP445
		3: 2P+E 4: 3P+E 5: 4P+E	16: 16A 32: 32A 63: 63A 125: 125A	IP67	3: 220-250VAC (For 2P+E) 4: 380-415VAC (For 3P+E) 5: 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS0316IP673 HIPS0332IP673 HIPS0363IP673 HIPS03125IP673 HIPS0416IP674 HIPS0432IP674 HIPS04125IP674 HIPS0516IP675 HIPS0532IP675 HIPS0563IP675 HIPS05125IP675
	2-Moving industry socket	3: 2P+E 4: 3P+E 5: 4P+E	16: 16A 32: 32A	IP44	3: 220-250VAC (For 2P+E) 4: 380-415VAC (For 3P+E) 5: 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS2316IP443 HIPS2332IP443 HIPS2416IP444 HIPS2432IP444 HIPS2516IP445 HIPS2532IP445
		3: 2P+E 4: 3P+E 5: 4P+E	16: 16A 32: 32A 63: 63A 125: 125A	IP67	3: 220-250VAC (For 2P+E) 4: 380-415VAC (For 3P+E) 5: 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS2316IP673 HIPS2332IP673 HIPS2363IP673 HIPS23125IP673 HIPS2416IP674 HIPS2432IP674 HIPS24125IP674 HIPS2516IP675 HIPS2532IP675 HIPS2563IP675 HIPS25125IP675

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Range name	Type	Poles	Rated current	Protection level	Rated voltage	Reference
HIPS	0	3	16	IP44	3	
	1-Surface mounted industry socket	3: 2P+E 4: 3P+E 5: 4P+E	16: 16A 32: 32A	IP44	3: 220-250VAC (For 2P+E) 4: 380-415VAC (For 3P+E) 5: 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS1316IP443 HIPS1332IP443 HIPS1416IP444 HIPS1432IP444 HIPS1516IP445 HIPS1532IP445
		3: 2P+E 4: 3P+E 5: 4P+E	16: 16A 32: 32A 63: 63A 125: 125A	IP67	3: 220-250VAC (For 2P+E) 4: 380-415VAC (For 3P+E) 5: 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS1316IP673 HIPS1332IP673 HIPS1363IP673 HIPS13125IP673 HIPS1416IP674 HIPS1432IP674 HIPS1463IP674 HIPS14125IP674 HIPS1516IP675 HIPS1532IP675 HIPS1563IP675 HIPS15125IP675
	2-Moving industry socket	3: 2P+E 4: 3P+E 5: 4P+E	16: 16A 32: 32A	IP44	3: 220-250VAC (For 2P+E) 4: 380-415VAC (For 3P+E) 5: 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS2316IP443 HIPS2332IP443 HIPS2416IP444 HIPS2432IP444 HIPS2516IP445 HIPS2532IP445
		3: 2P+E 4: 3P+E 5: 4P+E	16: 16A 32: 32A 63: 63A 125: 125A	IP67	3: 220-250VAC (For 2P+E) 4: 380-415VAC (For 3P+E) 5: 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS2316IP673 HIPS2332IP673 HIPS2363IP673 HIPS23125IP673 HIPS2416IP674 HIPS2432IP674 HIPS24125IP674 HIPS2516IP675 HIPS2532IP675 HIPS2563IP675 HIPS25125IP675

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Range name	Type	Poles	Rated current	Protection level	Rated voltage	Reference
<b>HIPS</b>	<b>0</b>	<b>3</b>	<b>16</b>	<b>IP44</b>	<b>3</b>	
	<b>3-Concealed fixed industry socket</b>	<b>3:</b> 2P+E <b>4:</b> 3P+E <b>5:</b> 4P+E	<b>16:</b> 16A <b>32:</b> 32A	<b>IP44</b>	<b>3:</b> 220-250VAC (For 2P+E) <b>4:</b> 380-415VAC (For 3P+E) <b>5:</b> 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS3316IP443 HIPS3332IP443 HIPS3416IP444 HIPS3432IP444 HIPS3516IP445 HIPS3532IP445
		<b>3:</b> 2P+E <b>4:</b> 3P+E <b>5:</b> 4P+E	<b>16:</b> 16A <b>32:</b> 32A <b>63:</b> 63A <b>125:</b> 125A		<b>IP67</b>	<b>3:</b> 220-250VAC (For 2P+E) <b>4:</b> 380-415VAC (For 3P+E) <b>5:</b> 200-346VAC; 240V-415VAC; (For 4P+E)
	<b>5-Concealed fixed industry plug</b>	<b>3:</b> 2P+E <b>4:</b> 3P+E <b>5:</b> 4P+E	<b>16:</b> 16A <b>32:</b> 32A	<b>IP44</b>	<b>3:</b> 220-250VAC (For 2P+E) <b>4:</b> 380-415VAC (For 3P+E) <b>5:</b> 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS5316IP443 HIPS5316IP443 HIPS5416IP444 HIPS5416IP444 HIPS5516IP445 HIPS5516IP445
		<b>3:</b> 2P+E <b>4:</b> 3P+E <b>5:</b> 4P+E	<b>16:</b> 16A <b>32:</b> 32A <b>63:</b> 63A <b>125:</b> 125A		<b>IP67</b>	<b>3:</b> 220-250VAC (For 2P+E) <b>4:</b> 380-415VAC (For 3P+E) <b>5:</b> 200-346VAC; 240V-415VAC; (For 4P+E)

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Range name	Type	Poles	Rated current	Protection level	Rated voltage	Reference
<b>HIPS</b>	<b>0</b>	<b>3</b>	<b>16</b>	<b>IP44</b>	<b>3</b>	
	<b>6-Surface mounted fixed industry plug</b>	<b>3:</b> 2P+E <b>4:</b> 3P+E <b>5:</b> 4P+E	<b>16:</b> 16A <b>32:</b> 32A	<b>IP44</b>	<b>3:</b> 220-250VAC (For 2P+E) <b>4:</b> 380-415VAC (For 3P+E) <b>5:</b> 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS6332IP443 HIPS6332IP443 HIPS6432IP444 HIPS6432IP444 HIPS6532IP445 HIPS6532IP445
		<b>3:</b> 2P+E <b>4:</b> 3P+E <b>5:</b> 4P+E	<b>16:</b> 16A <b>32:</b> 32A <b>63:</b> 63A <b>125:</b> 125A		<b>IP67</b>	<b>3:</b> 220-250VAC (For 2P+E) <b>4:</b> 380-415VAC (For 3P+E) <b>5:</b> 200-346VAC; 240V-415VAC; (For 4P+E)
	<b>1P3S-Multi-function plugs and sockets: 1 plug and 3 sockets</b>	<b>3:</b> 2P+E	<b>16:</b> 16A <b>32:</b> 32A	<b>IP44</b> <b>IP67</b>	<b>3:</b> 220-250VAC (For 2P+E)	HIPS1P3S16IP443 HIPS1P3S32IP443 HIPS1P3S16IP673 HIPS1P3S32IP673






**HIPSC\*\*\*\*-Customized combined socket box**

Please contact with sales engineer for customized products.

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Standard: IEC60309-1; IEC60309-2

Technical Parameters	
Industry plugs & sockets	HIPS series
Connection type	Moving Industry plug, Surface mounted industry socket, Moving industry socket, Concealed fixed industry plug
Poles	2P+E, 3P+E, 4P+E
protection level	IP44, IP67
Rated current	16A, 32A, 16A, 32A, 63A, 125A
Rated Voltage	220V-250VAC, 380V-415VAC, 200-346VAC, 240-415VAC
Grounding position	6h (    )
Instantaneous impulse withstand current	2KA
Instantaneous impulse withstand voltage	2000V
Standard	IEC60309-1-2

### Industrial plugs and sockets "clock"

Standard voltages -Position of earthing sleeve - Color codes according to IEC60309-1, -2

