

Himel



**INDUSTRIAL PLUG
AND SOCKET**

www.himel.com

Industrial Plugs & Sockets

Standard: IEC60309-1; IEC60309-2



HIPS Industrial Plugs & Sockets

Aviation quality, safe and durable



UP TO 10-YEARS LIFE

- Nickel-plated H59 copper with high oxidation and corrosion resistance
- Passed 96 hours salt spray test
- RoHS 2.0 certification



ROBUST & DURABLE

- PA66 + PA6 mixed patented material case
- Flame retardant up to 850°C
- High IP level, IP67/44



QUICKER ASSEMBLY

- Stainless-steel shrapnel, easy to plug and install
- Prevents scratches when wiring



STRONG OVERLOAD CAPACITY (UP TO 200%)

- Low temperature rise ensures minimal power loss
- Wide temperature range -25°C ~ 80°C



RELIABLE WIRING

- Strong tensile resistance with more threads and cable
- Dirt preventing soft elastomer

CONTROL COMPONENTS

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Range Presentation:

HIPS series is a new generation Industrial Plug and Socket design. Faster to plug and install, they provide better stability, widely used in outdoor and other harsh environments 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

Online Content



HIPS










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 64: 63A (IP67 only) 125: 125A (IP67 only)	IP44 IP67	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	HIPS0316IP673 HIPS0332IP673 HIPS0363IP673 HIPS03125IP673 HIPS0416IP674 HIPS0432IP674 HIPS0463IP674 HIPS04125IP674 HIPS0516IP675 HIPS0532IP675 HIPS0563IP675 HIPS05125IP675
	1-Surface mounted industry socket	3: 2P+E 4: 3P+E 5: 4P+E	16: 16A 32: 32A 63: 63A (IP67 only) 125: 125A (IP67 only)	IP44 IP67	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	HIPS1316IP673 HIPS1332IP673 HIPS1363IP673 HIPS13125IP673 HIPS1416IP674 HIPS1432IP674 HIPS1463IP674 HIPS14125IP674 HIPS1516IP675 HIPS1532IP675 HIPS1563IP675 HIPS15125IP675

CONTROL COMPONENTS

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Range name	Type	Poles	Rated current	Protection level	Rated voltage	Reference	
HIPS	0	3	16	IP44	3		
	2-Moving industry socket	3: 2P+E	16: 16A	IP44 IP67	3: 220-250VAC (For 2P+E) 4: 380-415VAC (For 3P+E) 5: 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS2316IP443	HIPS2316IP673
		4: 3P+E	32: 32A			HIPS2332IP443	HIPS2332IP673
		5: 4P+E	63: 63A (IP67 only) 125: 125A (IP67 only)			HIPS2416IP444	HIPS2363IP673
						HIPS23125IP673	HIPS2416IP674
						HIPS2432IP444	HIPS2432IP674
						HIPS2516IP445	HIPS2463IP674
						HIPS24125IP674	HIPS2516IP675
						HIPS2532IP675	HIPS2563IP675
						HIPS25125IP675	
	3-Concealed fixed industry socket	3: 2P+E	16: 16A	IP44 IP67	3: 220-250VAC (For 2P+E) 4: 380-415VAC (For 3P+E) 5: 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS3316IP443	HIPS3316IP673
		4: 3P+E	32: 32A			HIPS3332IP443	HIPS3332IP673
		5: 4P+E	63: 63A (IP67 only) 125: 125A (IP67 only)			HIPS3416IP444	HIPS3363IP673
						HIPS33125IP673	HIPS3416IP674
						HIPS3432IP444	HIPS3432IP674
						HIPS3516IP445	HIPS3463IP674
						HIPS34125IP674	HIPS3516IP675
						HIPS3532IP675	HIPS3563IP675
						HIPS35125IP675	
	5-Concealed fixed industry plug	3: 2P+E	16: 16A	IP44 IP67	3: 220-250VAC (For 2P+E) 4: 380-415VAC (For 3P+E) 5: 200-346VAC; 240V-415VAC; (For 4P+E)	HIPS5316IP443	HIPS5316IP673
		4: 3P+E	32: 32A			HIPS5332IP443	HIPS5332IP673
		5: 4P+E	63: 63A (IP67 only) 125: 125A (IP67 only)			HIPS5416IP444	HIPS5363IP673
						HIPS53125IP673	HIPS5416IP674
						HIPS5432IP444	HIPS5432IP674
						HIPS5516IP445	HIPS5463IP674
						HIPS54125IP674	HIPS5516IP675
						HIPS5532IP675	HIPS5563IP675
						HIPS55125IP675	

CONTROL COMPONENTS

Industrial Plugs & Sockets

Standard: IEC 60309-1-2
























Range Presentation

HDPM, HDP, HDSM, HDSF, HDPS are Himel ranges of Industrial Plugs and Sockets designed for quick disassembly and assembly of electrical connection. They are mainly used in OEM industry and temporary power supply.

Features

- ◆ Waterproof and dustproof.
- ◆ Long mechanical life and durability

Selection Code

Range name	Pole no	Rated current	IP	Rated voltage	Reference
HDPM	3	32	IP44	1	
HDPM: Moving industrial plugs 	3: 2P+E 	16: 16A 32: 32A	IP44: IP44	1: 110~130V	HDPM316IP441 HDPM332IP441
	4: 3P+E 			Default: 230~250V	HDPM316IP44 HDPM332IP44
	5: 3P+N+E 			Default: 400~415V	HDPM416IP44 HDPM432IP44
	3: 2P+E 	63: 63A	IP67: IP67	Default: 230~250V	HDPM516IP44 HDPM532IP44
	4: 3P+E 			Default: 240~415V	HDPM363IP67 HDPM463IP67
	5: 3P+N+E 			Default: 230~400V	HDPM563IP67 HDPM5125IP67
	125: 125A	Default: 240~415V	HDPM5125IP67		
HDP: Fixed industrial plugs 	3: 2P+E 	16: 16A 32: 32A	IP44: IP44	1: 110~130V	HDP316IP441 HDP332IP441
	4: 3P+E 			Default: 230~250V	HDP316IP44 HDP332IP44
	5: 3P+N+E 			Default: 400~415V	HDP416IP44 HDP432IP44
	3: 2P+E 	63: 63A	IP67: IP67	Default: 230~400V	HDP516IP44 HDP532IP44
	4: 3P+E 			Default: 240~415V	HDP363IP67 HDP463IP67
	5: 3P+N+E 			Default: 230~400V	HDP563IP67
	125: 125A	Default: 230~400V	HDP563IP67		
HDSM: Moving Industrial sockets 	3: 2P+E 	16: 16A 32: 32A	IP44: IP44	1: 110~130V	HDSM316IP441 HDSM332IP441
	4: 3P+E 			Default: 230~250V	HDSM316IP44 HDSM332IP44
	5: 3P+N+E 			Default: 400~415V	HDSM416IP44 HDSM432IP44
	3: 2P+E 	63: 63A 125: 125A	IP67: IP67	Default: 230~400V	HDSM516IP44 HDSM532IP44
	4: 3P+E 			Default: 240~415V	HDSM363IP67 HDSM3125IP67
	5: 3P+N+E 			Default: 400~415V	HDSM463IP67 HDSM4125IP67
	125: 125A	Default: 230~400V	HDSM563IP67 HDSM5125IP67		
	125: 125A	Default: 240~415V	HDSM5125IP67		

CONTROL COMPONENTS

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HDSF: Fixed industrial sockets



3: 2P+E 4: 3P+E 5: 3P+N+E 	16: 16A 32: 32A	IP44: IP44	1: 110~130V HDSF316IP441 HDSF332IP441	
			Default: 230~250V HDSF316IP44 HDSF332IP44	
			Default: 400~415V HDSF416IP44 HDSF432IP44	
	3: 2P+E 4: 3P+E 5: 3P+N+E 	63: 63A 125: 125A	IP67: IP67	Default: 230~400V HDSF516IP44
				Default: 240~415V HDSF532IP44
				Default: 230~250V HDSF363IP67 HDSF3125IP67
3: 2P+E 4: 3P+E 5: 3P+N+E 			Default: 400~415V HDSF463IP67 HDSF4125IP67	
			Default: 230~400V HDSF563IP67	
			Default: 240~415V HDSF5125IP67	

Range Name	Input and Output	Rated Current	Rated Voltage	Reference	Pole no.
HDPS	3	16	230		
HDPS: Multi-function plugs and sockets 	3: 1 Plug & 2 Sockets	16: 16A	230: 230V 110: 110V	HDPS316230 HDPS316110	2P+E
	4: 1 Plug & 3 Sockets		230: 230V 110: 110V	HDPS416230 HDPS416110	

Technical Parameters

Industrial Plugs & Sockets	HDPM, HDP, HDSM, HDSF, HDPS
Connecting type	Fixed, moving, multi-function
Pole	2P+E, 3P+E, 3P+N+E
Voltage	110-415V, 230V
Current	16A, 32A, 63A, 125A
Standard	IEC 60309-1-2

Online Content



HDP



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