

1-800-GRAINGER (472-4643)

Type 4X Pin and Sleeve Devices

Interchangeable with traditional all-metallic pin and sleeve devices built to UL 1686-C1. Insulgrip® pin and sleeve plugs and connectors have a metallic shroud to provide ground and protect pins, and a watertight, nonmetallic housing for corrosion resistance and electrical safety. Style I plugs and connectors ground through their metallic shroud, and receptacles are grounded via ground lug in the aluminum back box. Style II devices have a dual-ground safety feature using dedicated ground pin. Receptacle back boxes available; see this page. Gray color.



Writing Device-Kalman



Current Rating	No. of Poles	No. of Wires	Phase	RECEPTACLE		CONNECTOR		PLUG	
				Mfr. Model	Item No.	Mfr. Model	Item No.	Mfr. Model	Item No.
Grounding Style Style 1									
30 A	3	4	3	HBL430RS1W	5HJ24	HBL430CS1W	5HJ20	HBL430PS1W	5HJ22
60 A	2	3	1	HBL360RS1W	4TAD5	HBL360CS1W	4TAD2	HBL360PS1W	5HJ10
60 A	3	4	3	HBL460RS1W	5HJ30	HBL460CS1W	5HJ26	HBL460PS1W	5HJ28
60 A	4	5	3	HBL560RS1W	5HJ40	HBL560CS1W	5HJ38	HBL560PS1W	5HJ39
100 A	3	4	3	HBL4100RS1W	5HJ18	HBL4100CS1W	4TAD6	HBL4100PS1W	5HJ16
100 A	4	5	3	HBL5100RS1W	5HJ34	HBL5100CS1W	5HJ32	HBL5100PS1W	5HJ33
Grounding Style Style 2									
30 A	3	4	3	HBL430RS2W	5HJ25	HBL430CS2W	5HJ21	HBL430PS2W	5HJ23
60 A	2	3	1	HBL360RS2W	5HJ13	HBL360CS2W	4TAD3	HBL360PS2W	4TAD4
60 A	3	4	3	HBL460RS2W	5HJ31	HBL460CS2W	5HJ27	HBL460PS2W	5HJ29
100 A	2	3	1	HBL3100RS2W	5HJ01	HBL3100CS2W	4TAC9	HBL3100PS2W	4TAD1
100 A	3	4	3	HBL4100RS2W	5HJ19	HBL4100CS2W	5HJ15	HBL4100PS2W	5HJ17



4CT37



5HJ41

Boxes for Pin and Sleeve Receptacles and Inlets

Nonmetallic models are high-grade thermoplastic; they resist chemicals, abuse, and UV rays, and meet NEMA Type 4X when installed with watertight conduit hub. Metallic models are cast-aluminum with gray enamel paint for corrosion resistance.



Writing Device-Kalman

Amps	Item	Material	Angle	Hub	Mfr. Model	Item No.
For Standard, IEC 309 Series*						
20/30	Angle Back Box	Aluminum	15°	¾ in	BB201W	6C127
20/30	Angle Back Box	Aluminum	15°	1 in	BB301W	6C128
20/30	Angle Back Box	Thermoplastic	15°	1 in	BB2030N	4CT37
20/30	Angle Adapter Box	Cast Aluminum	—	—	AA2030PS	3D301
60	Angle Back Box	Aluminum	15°	1 ¼ in	BB601W	6C130
60	Angle Back Box	Thermoplastic	15°	1 ¼ in	BB60N	4CT38
60/100	4-Way Angle Back Box	Aluminum	15°	1 ½ in	FW60/100	6C640
100/125	Angle Back Box	Aluminum	15°	1 ½ in	BB1001W	6C131
100/125	Angle Back Box	Thermoplastic	15°	1 ½ in	BB100N	4CT36
For Killark®, VersaMate®, and Hubbell®, Insulgrip®, NEC Devices†						
30	Angle Back Box	Aluminum	15°	¾ in	MB301W	5HJ41
30	Angle Back Box	Aluminum	15°	1 in	MB302W	5HJ42
30	Back Box	Aluminum	Straight	¾ in	MB303W	5HJ43
60/100	4-Way Angle Back Box	Aluminum	15°	1 ¼ in	MB601002W	5HJ45
60/100	4-Way Angle Back Box	Aluminum	15°	1 ½ in	MB601003W	5HJ46
60/100	4-Way Angle Back Box	Aluminum	15°	2 in	MB601004W	5HJ47
60/100	Angle Back Box	Aluminum	15°	1 ¼ in	MB601006W	5HJ48
60/100	Angle Back Box	Aluminum	15°	1 ½ in	MB601007W	5HJ49
60	Angle Back Box	Aluminum	15°	1 in	MB601W	5HJ51
60	Angle Back Box	Aluminum	15°	1 ¼ in	MB602W	5HJ52
60	Back Box	Aluminum	Straight	1 in	MB604W	5HJ54

* See page 318 for IEC 309 Series. † See this page for NEC devices.

Safety-Shroud Twist-Locks®



Writing Device-Kalman

Molded thermoplastic shrouds eliminate any possible user contact with energized or partially connected plugs, and keep blades from bending.



Plug 4CV28



Angle Receptacle 4CV48



Receptacle, Surface Mount 4CV49



Receptacle, Semi Flush Mount 4CV50

Amps	NEMA Config.	No. of Poles	No. of Wires	HP	Voltage	PLUG	Item No.	ANGLE RECEPTACLE, FLUSH MOUNT	Item No.	RECEPTACLE, SURFACE MOUNT	Item No.	RECEPTACLE, SEMI FLUSH MOUNT	Item No.
Single-Phase													
20	L5-20	2	3	1.0	125VAC	HBL2311S	4CT64	HBL2310AR	4CT60	HBL2310SR	4CT61	HBL2310SR2	4CT62
20	L6-20	2	3	2.0	250VAC	HBL2321S	4CT72	HBL2320AR	4CT68	HBL2320SR	4CT69	HBL2320SR2	4CT70
20	L14-20	3	4	1 Line to Neutral, 2 Line to Line	125/250VAC	HBL2411S	4CT88	—	—	HBL2410SR	4CT85	—	—
30	L5-30	2	3	1.0	125VAC	HBL2611S	4CV20	HBL2610AR	4CV17	HBL2610SR	4CV18	—	—
30	L6-30	2	3	2.0	250VAC	HBL2621S	4CV28	HBL2620AR	4CV24	HBL2620SR	4CV25	HBL2620SR2	4CV26
30	L14-30	3	4	2.0	125/250VAC	HBL2711S	4CV36	HBL2710AR	4CV32	HBL2710SR	4CV33	HBL2710SR2	4CV34
Three-Phase													
20	L15-20	3	4	3.0	250VAC	HBL2421S	4CT96	HBL2420AR	4CT92	HBL2420SR	4CT93	HBL2420SR2	4CT94
20	L16-20	3	4	5.0	480VAC	HBL2431S	4CV05	HBL2430AR	4CV01	HBL2430SR	4CV02	HBL2430SR2	4CV03
20	L21-20	4	5	2.0	120/208VAC	HBL2511S	4CV13	HBL2510AR	4CV09	HBL2510SR	4CV10	—	—
30	L15-30	3	4	3.0	250VAC	HBL2721S	4CV44	HBL2720AR	4CV40	HBL2720SR	4CV41	HBL2720SR2	4CV42
30	L16-30	3	4	10.0	480VAC	HBL2731S	4CV52	HBL2730AR	4CV48	HBL2730SR	4CV49	HBL2730SR2	4CV50
30	L17-30	3	4	10.0	600VAC	HBL2741S	4CV60	—	—	HBL2740SR	4CV57	HBL2740SR2	4CV58
30	L21-30	4	5	3.0	120/208VAC	HBL2811S	4CV68	HBL2810AR	4CV64	HBL2810SR	4CV65	—	—

Sign in to **Grainger.com®** to see **YOUR Pricing** and **MORE**