RAIDEN POWERLOCK CONNECTORS

ULTIMATE SAFE POWER CONNECTION Up to 800A



Line Drain



Line Source



Panel Drain



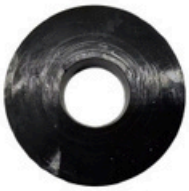
Panel Source

Features and Benefits

Compatible with major brands of powerlock connectors
Color coded and mechanically keyed to prevent mating errors
Built-in release key delivers great convenience while uncoupling
Lug terminal offers connection flexibility for various cable size at site
Dust caps as standart kits keep IP rating when unmated
M50 cable gland with multicut rubble bushing to suit various cable diameter



lug termination as default

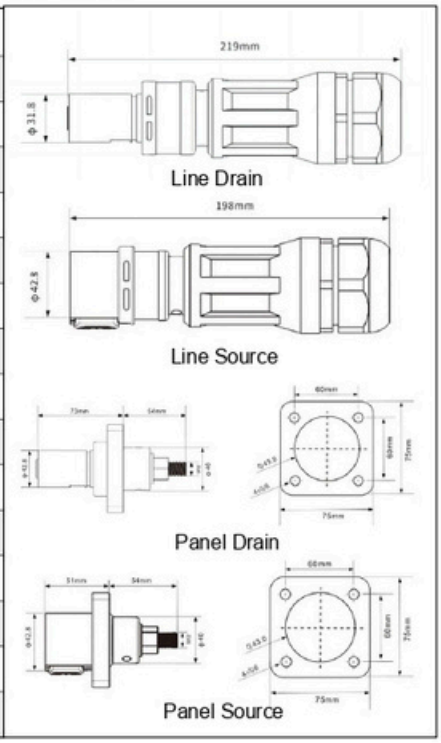


multicut rubber bushing

Key Specifications

No of Contacts	Single Pole
Current Rating	400A/500A/630A/800A
Surge Current	75kA
Short Circuit Rating	Up to 35.5kA
Cables Cross Sectional Area	50mm² to 300mm²
Contact Termination	Lug(default), Screw, Crimp
Mating Method	Twist Lock
Operating Voltage	1000V AC
Insulation Resistance:	>5M ohms @ 500V DC
Ingress Protection	IP67
Protection against Electrical Shock	IP2X
Temp. Range	-25℃ to 90℃
Flammability	UL94-V0
Mating Cycles	>500
Shell Material	High Temperature Thermoplastic
Contact Material	Brass/Copper Silver Plated

Dimensions



Model Selection

Type	Ampere	Key Position	Color	Contact Type	Cable Gland(M50)
LD = Line Drain	400A	E = Earth	GN = Green	L = Lug Terminal	Clamping Range
LS = Line Source	500A	N = Neutral	BL = Blue	S = Set Screw Terminal	15-38mm
PD = Panel Drain	630A	1 = Line 1	BN = Brown	C = Crimp Terminal	
PS = Panel Source	800A	2 = Line 2	BK = Black		
		3 = Line 3	GY = Grey		
			RD = Red		
			YW = Yellow		
			WH = White		

Products Color Available

Electrical Colour Coding Standards

REGION	EARTH KEY E	NEUTRAL KEY N	LINE 1 KEY 1	LINE 2 KEY 2	LINE 3 KEY 3
Europe & UK (Harmonised)					
UK (Traditional)					
Australia					
USA					

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