

Entertainment Products Application Bulletin

Electrical Connection Devices

ECT Stage Pin
ECT Cam Type
NEMA Devices
IEC 309 Devices
Portable Power
and GFCI Devices



ECT® Stage Pin Devices

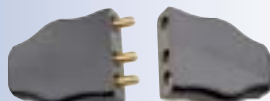
20 Amp



20MP-CL 20FP-CL

- Rugged Phenolic Housings
- One-Piece Brass Blades/Contacts for Superior Current Flow
- Slit In Male Pin Provides Spring Action — Compensates for Wear
- cUL Listed
- Made in the USA
- Intermateable and Compatible with Competitive Pin-Type Products

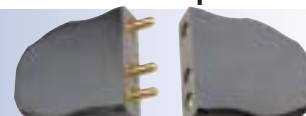
60 Amp



60MP-E 60FP-E

- Rugged Phenolic Housings
- One-Piece Brass Blades/Contacts for Superior Current Flow
- Slit In Male Pin Provides Spring Action — Compensates for Wear
- cUL Listed
- Made in the USA
- Intermateable and Compatible with Competitive Pin-Type Products

100 Amp

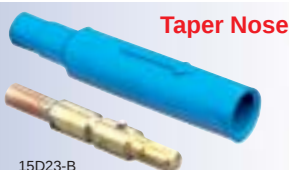


100MP-E 100FP-E

- Rugged Phenolic Housings
- One-Piece Brass Blades/Contacts for Superior Current Flow
- Slit In Male Pin Provides Spring Action — Compensates for Wear
- cUL Listed
- Made in the USA
- Intermateable and Compatible with Competitive Pin-Type Products

ECT® Single Pole Cam Devices

15 Series



15D23-B

Up to 125 Amp, 600 Volt

- Insulator — Shatter and Crack Proof
- Slit and Cam Male Contact Design — Compensates for Wear
- Color-Coded Insulators for Easy Phase Identification
- UL Listed (Set Screw Version Only)

16 Series



16D24-Y

Up to 400 Amp, 600 Volt

- Insulator — Shatter and Crack Proof
- Slit and Cam Male Contact Design — Compensates for Wear
- Color-Coded Insulators for Easy Phase Identification
- UL and CSA Listed (Double Set Screw Version Only)

18 Series



18D24-E

Up to 400 Amp, 600 Volt

- Insulator — Shatter and Crack Proof
- Slit and Cam Male Contact Design — Compensates for Wear
- Color-Coded Insulators for Easy Phase Identification
- UL and CSA Listed (Double Set Screw Version Only)

NEMA & IEC Connection Devices

NEMA - All Black



2313-PLB & 2311-PLB

- 15A & 20A Straight Blade
- 15A, 20A & 30A Locking
- PowerLight™ Available
- Super Tough Nylon
- One-Piece Connector Contacts
- Fast-Threading Combination Screws
- UL/Fed. Spec./CSA/NOM
- Solid Brass Plug Blades

NEMA Watertight - Wetguard®



26W47-B & 27W47-B

- IP66 & IP67, NEMA 4X, 6P Watertight Industrial Connections
- 15A & 20A Straight Blade
- 15A, 20A & 30A Locking
- EPTR High Abuse Rubber Bodies
- Nickel-Plated Brass Blades and Contacts
- Watertight Cord Strain Relief System
- Double-Combo Screws

IEC 309 Pin & Sleeve



4100P-12W & 4100C-12W

- 20A-100A, IP67 Watertight
- Plugs & Connectors
- Receptacles
- Inlets
- 20A-100A Switches
- Mechanical Interlock
- Non-Fused & Fused
- Valox® Back Boxes
- Replacement Components
- UL Listed for Outdoor Use

Valox® is a registered trademark of GE.

Portable Power & GFCI Devices

Cord Sets

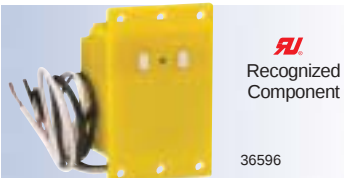


66591-25C

GFCI Cord Sets

- 15A & 20A 125V; 15A & 20A 240V
- Automatic and Manual Reset Types
- Orange Power Status Indicator
- Yellow Cord 14/3 SJT
- Resistant to Surge, Noise & Corrosion Per 2003 UL Requirements

Panel Mount



Recognized Component

36596

Panel Mount GFCI with 16" Leads

- 20A 125V
- Orange LED Indicator Light
- Weather-Resistant Housing & Test/Reset Buttons
- Resistant to Surge, Noise & Corrosion
- DIN-Rail Mountable GFCI Receptacles Also Available

Portable Power Center



PB101-SGF

"THE BOX"™

- 6 GFCI Protected 20A 125V Straight Blade or Locking Receptacles
- GFCI Protected 30A 250V Locking Receptacle
- 50A 125/250V Non-NEMA Power Connections
- Meets OSHA Regulation 20, Subpart K Standards
- UL Listed for Outdoor Use



Below is a summary of frequently asked questions relating to entertainment electrical devices.

Is portable stage and studio lighting equipment permitted to be used in outdoor locations?

In accordance with NEC® 520.10, portable indoor stage and studio equipment that is not marked suitable for wet and damp locations



is permitted to be used temporarily in outdoor locations. If rain occurs, this equipment is typically de-energized, and a protective cover is installed before it is re-energized. At the end of the day, this equipment is either de-energized and protected or dismantled and stored. NEC® 520.10 reads as follows: Portable stage and studio lighting equipment and portable power distribution equipment shall be

permitted for temporary use outdoors, provided the equipment is supervised by qualified personnel while energized and barriered from the general public.

Can adapters, two-fer's and other single and multiple-circuit outlet devices have varying ampacities when used on a common stage circuit?

NEC® 520.69 (A)

States that each receptacle and its corresponding cable shall have the same current and voltage rating as the plug supplying it.

It shall not be utilized in a stage circuit with a greater current rating.



What type conductors should be used for adapters and two-fer's?

NEC® 520.69 (C) States conductors for adapters and two-fer's shall be listed, extra hard usage or listed, hard usage (junior hard service) cord. Hard usage (junior hard service) cord shall be restricted in overall length to 1.0 m (3.3 ft).

What type of wire should be used for portable stage set use?

As outlined in NEC® 530.12 it is stated that the wiring for stage set lighting and other supply wiring not fixed as to location shall be done with listed hard usage flexible cords and cables. Where subject to physical damage, such wiring shall be listed extra-hard usage flexible cords and cables. Splices and taps in cables shall be permitted if the total connected load does not exceed the maximum ampacity of the cable.



When is ground fault protection required?

It states in NEC® 525.23 that all 125-volt, single-phase, 15- and 20-ampere receptacle outlets in carnivals, circuses, fairs and similar events that are in use by personnel shall have listed ground-fault circuit-interrupter protection for personnel. The ground-fault circuit interrupter shall be permitted to be an integral part of the attachment plug located in the power-supply cord, within 300mm (12 in.) of the attachment plug. Listed cord sets incorporating ground-fault circuit-interrupter protection for personnel shall be permitted. Egress lighting shall not be connected to the load side terminals of a ground-fault circuit-interrupter receptacle.

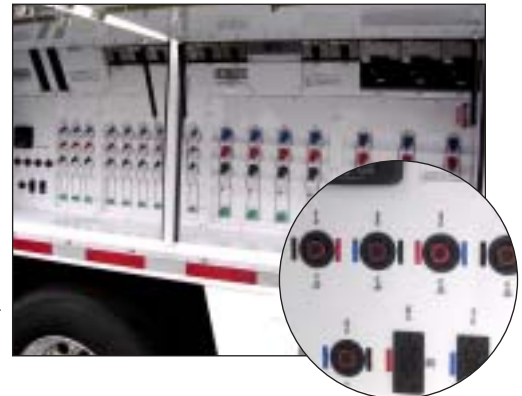


Is ground fault protection required during construction, remodeling, maintenance, repair and demolition?

NEC® 527.6 (A) states all 125-volt, single-phase, 15-, 20-, and 30-ampere receptacle outlets that are not a part of the permanent wiring of the building or structure and that are in use by personnel shall have ground-fault circuit interrupter protection for personnel. If a receptacle(s) is installed or exists as part of the permanent wiring of the building or structure and is used for temporary electric power, ground-fault circuit-interrupter protection for personnel shall be provided. Cord sets or devices incorporating listed ground-fault circuit interrupter protection for personnel identified for portable use shall be permitted.

Do portable switchboards require overcurrent protection?

NEC® 520.51 states portable switchboards shall be supplied only from power outlets of sufficient voltage and ampere rating. Such power outlets shall include only externally operable, enclosed fused switches or circuit breakers mounted on stage or at the permanent switchboard in locations readily accessible from the stage floor.



Is strain relief required for multipole branch-circuit cable connectors?

NEC® 520-67 states multipole branch-circuit cable connectors, male and female, for flexible conductors shall be constructed so that tension on the cord or cable is not transmitted to the connections.

NEC® is a registered trademark of the National Fire Protection Association, Inc.



ECT[®] Stage Pin Device Features



Conforms to USITT (United States Institute for Theater Technology) S3 Standard for Stage Pin Connectors

Male pins and female contacts have a one-piece solid brass design for superior current flow and resistance from abuse

Male pins and female contacts float to ensure compatibility with all competitive products and improved electrical connections

Terminal identification letters on device ensure quick and accurate termination

100MP-E

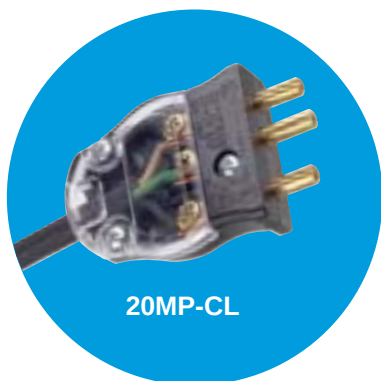
Slit in male pin provides spring action to compensate for wear

100FP-E

60 and 100 Amp versions have rugged phenolic housings for superior high temperature performance



60 and 100 Amp plugs and connectors have **Sure Grip™** edge for easy handling

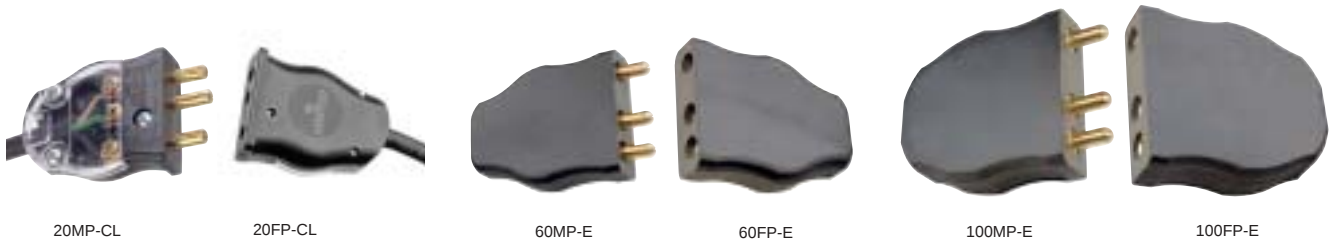


20MP-CL

20 Amp version is available with a clear cover to allow for visual inspection of proper termination of conductors. Other colors available include white, blue, green, yellow, red and orange. Consult factory for availability.

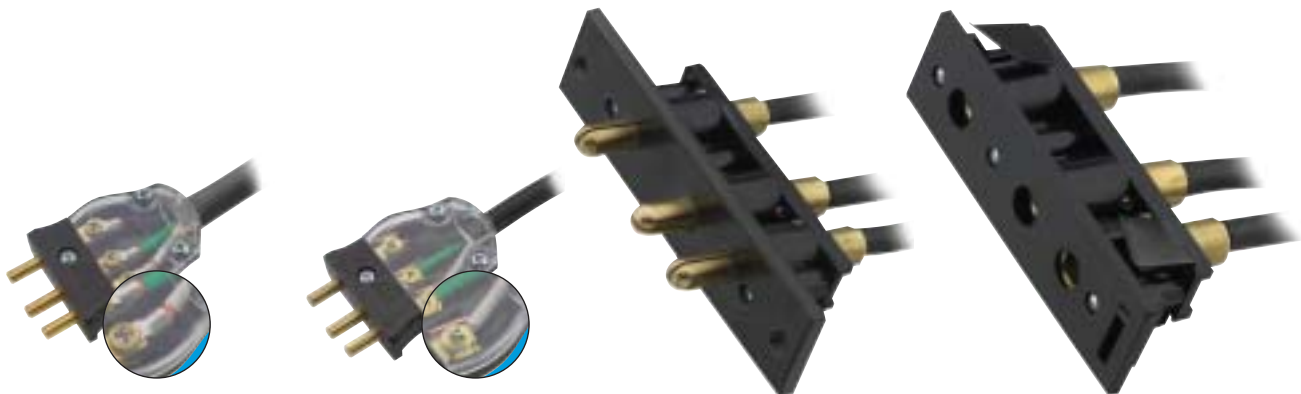


Stage Pin Devices



DESCRIPTION	CATALOG NO.	COLOR*
20A 125V, 2-P 3-W, Grounding		
Male Plug-Pressure Plate Terminal Male Plug-Pressure Plate Terminal	20MP-E 20MP-CL	Black Black w/ Clear Cover
Male Plug-Crimp Terminal Male Plug-Crimp Terminal	20MC-E 20MC-CL	Black Black w/ Clear Cover
Female Connector-Pressure Plate Terminal Female Connector-Pressure Plate Terminal	20FP-E 20FP-CL	Black Black w/ Clear Cover
Female Connector-Crimp Terminal Female Connector-Crimp Terminal	20FC-E 20FC-CL	Black Black w/ Clear Cover
Panel Mount Female Receptacle-Set Screw Terminal, Snap-In Mounting	20IS-E	Black
Panel Mount Male Inlet-Screw Terminal, Snap-In Mounting	20RS-E	Black
60A 125V, 2-P 3-W, Grounding		
Male Plug-Set Screw Terminal	60MP-E	Black
Female Connector-Set Screw Terminal	60FP-E	Black
Panel Mount Female Receptacle-Set Screw Terminal, Snap-In Mounting	60RS-E	Black
Panel Mount Female Receptacle-Set Screw Terminal, Bolt-On Mounting	60RB-E	Black
Panel Mount Male Inlet-Set Screw Terminal, Snap-In Mounting	60IS-E	Black
Panel Mount Male Inlet-Set Screw Terminal, Bolt-On Mounting	60IB-E	Black
100A 125V, 2-P 3-W, Grounding		
Male Plug-Set Screw Terminal	100MP-E	Black
Female Connector-Set Screw Terminal	100FP-E	Black
Panel Mount Female Receptacle-Set Screw Terminal, Bolt-On Mounting	100RB-E	Black
Panel Mount Male Inlet-Set Screw Terminal, Bolt-On Mounting	100IB-E	Black

*For 20 Amp male plugs and female connectors, other cover colors are available in white, blue, green, yellow, red and orange. Consult factory for availability.



Male Plug, Crimp Terminal

Male Plug, Pressure Plate Terminal

Male Panel Mount, Bolt-On
See Page 13 for Dimensional Drawings

Female Panel Mount, Snap-In
See Page 13 for Dimensional Drawings



ECT® Cam-Type Device Features



16/18 Series double-set screw with copper wire strain relief

High conductivity—positive, vibration-proof connection provided by double cam design

Collar around port provides protection for insulated screw

Shatter and crack proof—high durometer thermoplastic elastomer (TPE)

Self compensating for wear—slit and cam in male contact provides spring action for longer usage

Hard thermoplastic screw head provides strength and durability

16D26-R

Color-coded insulating sleeves for easy phase identification

Intermateable and compatible with competitive cam-type products—can be retrofitted to existing locations and power distribution systems



16D26-E

16D35-E

COMPONENT	DESCRIPTION
15, 16, 18 Series Connectors	
Sleeve	Santoprene
Contact	Brass
Strain Relief	Copper Wire



15D23-B
Complete

16D31-C
Contact Only

16SDF-220
Insulator Only

DESCRIPTION	CABLE RANGE	CONTACT/INSULATOR COMPLETE CATALOG NO.		CONTACT ONLY CATALOG NO.	INSULATOR ONLY CATALOG NO.
		Industrial Grade	Tour Grade		
15 Series, Taper Nose, Up to 125A, 600V					
Male Detachable Plug-Set Screw Terminal	#8-#4	15D21	—	15D21-C	15SDM-48
Female Detachable Plug-Set Screw Terminal	#8-#4	15D22	—	15D22-C	15SDF-48
Male Detachable Plug-Crimp Terminal	#8-#4	15D23	15D23-T	15D23-C	15SDM-48
Female Detachable Plug-Crimp Terminal	#8-#4	15D24	15D24-T	15D24-C	15SDF-48
Male Panel Receptacle-Threaded Stud Terminal	#8-#4	15R21	—	—	—
Female Panel Receptacle-Threaded Stud Terminal	#8-#4	15R22	—	—	—
Male Protective Cap	—	15P21	—	—	—
Female Protective Cap	—	15P22	—	—	—
Three-Way Paralleling “T” Connector, Female-Male-Male	—	15A21	—	—	—
Three-Way Tapping “T” Connector, Female-Female-Male	—	15A22	—	—	—
Three-Way Double Female Connector, Female-Female	—	15A23	—	—	—
16 Series, Taper Nose, Up to 400A, 600V					
Male Detachable Plug-Set Screw Terminal	#2-2/0	16D21	—	16D21-C	16SDM-22
Female Detachable Plug-Set Screw Terminal	#2-2/0	16D29	—	16D29-C	16SDF-22
Male Detachable Plug-Set Screw Terminal	1/0-4/0	16D23	—	16D23-C	16SDM-14
Female Detachable Plug-Set Screw Terminal	1/0-4/0	16D32	—	16D32-C	16SDF-14
Male Detachable Plug-Double Set Screw Terminal	#2-2/0	16D22	—	16D22-C	16SDM-22
Female Detachable Plug-Double Set Screw Terminal	#2-2/0	16D31	—	16D31-C	16SDF-22
Male Detachable Plug-Double Set Screw Terminal	1/0-4/0	16D24	—	16D24-C	16SDM-14
Female Detachable Plug-Double Set Screw Terminal	1/0-4/0	16D33	—	16D33-C	16SDF-14
Male Detachable Plug-Crimp Terminal	#2-#1	16D25	—	16D25-C	16SDM-22
Female Detachable Plug-Crimp Terminal	#2-#1	16D34	—	16D34-C	16SDF-22
Male Detachable Plug-Crimp Terminal	1/0-2/0	16D26	—	16D26-C	16SDM-22
Female Detachable Plug-Crimp Terminal	1/0-2/0	16D35	—	16D35-C	16SDM-22
Male Detachable Plug-Crimp Terminal	3/0-4/0	16D28	—	16D28-C	16SDM-14
Female Detachable Plug-Crimp Terminal	3/0-4/0	16D37	—	16D37-C	16SDF-14
Heavy Duty Male Detachable Plug-Crimp Terminal	1/0-2/0	16D27	—	16D27-C	16SDM-HD
Heavy Duty Female Detachable Plug-Crimp Terminal	1/0-2/0	16D36	—	16D36-C	16SDF-HD
Male Vulcanized Plug-Crimp Terminal	#2-#1	16V21	—	16V21-C	16SVM-21
Female Vulcanized Plug-Crimp Terminal	#2-#1	16V25	—	16V25-C	16SVF-21
Male Vulcanized Plug-Crimp Terminal	1/0-2/0	16V22	—	16V22-C	16SVM-12
Female Vulcanized Plug-Crimp Terminal	1/0-2/0	16V26	—	16V26-C	16SVF-12
Heavy Duty Male Vulcanized Plug-Crimp Terminal	1/0-2/0	16V23	—	16V23-C	16SVM-HD
Heavy Duty Female Vulcanized Plug-Crimp Terminal	1/0-2/0	16V27	—	16V27-C	16SVF-HD
Male Vulcanized Plug-Crimp Terminal	3/0-4/0	16V24	16V24-T	16V24-C	16SVM-34
Female Vulcanized Plug-Crimp Terminal	3/0-4/0	16V28	16V28-T	16V28-C	16SVF-34
Female Terminal Connector, Angle Style	#2-4/0	16F21	—	—	—
Female Terminal Connector, Offset Style	#2-4/0	16F22	—	—	—
Male Protective Cap	—	16P21	—	—	—
Female Protective Cap	—	16P22	—	—	—
Snap Back Cover	—	16S21	—	—	—

Taper and Ball Nose connection products rated up to 690 Amps and accepting cable from 250 MCM to 750 MCM cable also available. Consult factory for other Tour Grade Products.

Color-Add the suffix to catalog number as follows:

● Black (-E) ○ White (-W) ● Red (-R) ● Blue (-B) ● Green (-G) ● Yellow (-Y) ● Orange (-O) ● Brown (-H)

Ordering Information



ECT® Cam-Type Devices



16 Series & 18 Series

18A22-E

18R22-G

16A23-E

18D29-C

18SDF-220

DESCRIPTION	CABLE RANGE	CONTACT/INSULATOR COMPLETE CATALOG NO.	CONTACT ONLY CATALOG NO.	INSULATOR ONLY CATALOG NO.
16 Series, Taper Nose, Up to 400A, 600V				
Multi Way Connector Paralleling Tee — Female-Male-Male	—	16A21	—	—
Multi Way Connector Tapping Tee — Female-Female-Male	—	16A22	—	—
Multi Way Connector 3-Fer — Male-Female-Female-Female	—	16A23	—	—
Multi Way Connector 3-Fer — Female-Male-Male-Male	—	16A26	—	—
Multi Way Connector Double Female — Female-Female	—	16A24	—	—
Multi Way Connector Double Male — Male-Male	—	16A25	—	—
18 Series, Ball Nose, Up to 400A, 600V				
Male Detachable Plug-Set Screw Terminal	#2-2/0	18D21	18D21-C	18SDM-22
Female Detachable Plug-Set Screw Terminal	#2-2/0	18D29	18D29-C	18SDF-22
Male Detachable Plug-Set Screw Terminal	1/0-4/0	18D23	18D23-C	18SDM-14
Female Detachable Plug-Set Screw Terminal	1/0-4/0	18D32	18D32-C	18SDF-14
Male Detachable Plug-Double Set Screw Terminal	#2-2/0	18D22	18D22-C	18SDM-22
Female Detachable Plug-Double Set Screw Terminal	#2-2/0	18D31	18D31-C	18SDF-22
Male Detachable Plug-Double Set Screw Terminal	1/0-4/0	18D24	18D24-C	18SDM-14
Female Detachable Plug-Double Set Screw Terminal	1/0-4/0	18D33	18D33-C	18SDF-14
Male Detachable Plug-Crimp Terminal	#2-#1	18D25	18D25-C	18SDM-22
Female Detachable Plug-Crimp Terminal	#2-#1	18D34	18D34-C	18SDF-22
Male Detachable Plug-Crimp Terminal	1/0-2/0	18D26	18D26-C	18SDM-22
Female Detachable Plug-Crimp Terminal	1/0-2/0	18D35	18D35-C	18SDF-22
Male Detachable Plug-Crimp Terminal	3/0-4/0	18D28	18D28-C	18SDM-14
Female Detachable Plug-Crimp Terminal	3/0-4/0	18D37	18D37-C	18SDF-14
Heavy Duty Male Detachable Plug-Crimp Terminal	1/0-2/0	18D27	18D27-C	18SDM-HD
Heavy Duty Female Detachable Plug-Crimp Terminal	1/0-2/0	18D36	18D36-C	18SDF-HD
Male Vulcanized Plug-Crimp Terminal	#2-#1	18V21	18V21-C	18SVM-21
Female Vulcanized Plug-Crimp Terminal	#2-#1	18V25	18V25-C	18SVF-21
Male Vulcanized Plug-Crimp Terminal	1/0-2/0	18V22	18V22-C	18SVM-12
Female Vulcanized Plug-Crimp Terminal	1/0-2/0	18V26	18V26-C	18SVF-12
Heavy Duty Male Vulcanized Plug-Crimp Terminal	1/0-2/0	18V23	18V23-C	18SVM-HD
Heavy Duty Female Vulcanized Plug-Crimp Terminal	1/0-2/0	18V27	18V27-C	18SVF-HD
Male Vulcanized Plug-Crimp Terminal	3/0-4/0	18V24	18V24-C	18SVM-34
Female Vulcanized Plug-Crimp Terminal	3/0-4/0	18V28	18V28-C	18SVF-34
Female Terminal Connector, Angle Style	#2-4/0	18F21	—	—
Female Terminal Connector, Offset Style	#2-4/0	18F22	—	—
Male Panel Receptacle-Threaded Stud Terminal	#2-4/0	18R21	—	—
Female Panel Receptacle-Threaded Stud Terminal	#2-4/0	18R22	—	—
Male Panel Receptacle-Double Set Screw Terminal	1/0-4/0	18R23	—	—
Female Panel Receptacle-Double Set Screw Terminal	1/0-4/0	18R24	—	—
Male Protective Cap	—	18P21	—	—
Female Protective Cap	—	18P22	—	—
Multi Way Connector Paralleling Tee — Female-Male-Male	—	18A21	—	—
Multi Way Connector Tapping Tee — Female-Female-Male	—	18A22	—	—
Multi Way Connector 3-Fer — Male-Female-Female-Female	—	18A23	—	—
Multi Way Connector 3-Fer — Female-Male-Male-Male	—	18A26	—	—
Multi Way Connector Double Female — Female-Female	—	18A24	—	—
Multi Way Connector Double Male — Male-Male	—	18A25	—	—

Taper and Ball Nose connection products rated up to 690 Amps and accepting cable from 250 MCM to 750 MCM cable also available, consult factory.

Color-Add the suffix to catalog number as follows:

● Black (-E) ○ White (-W) ● Red (-R) ● Blue (-B) ● Green (-G) ● Yellow (-Y) ● Orange (-O) ● Brown (-H)

MALE COM-A-LONG ASSEMBLY TOOL FOR FEMALE PLUGS			FEMALE COM-A-LONG ASSEMBLY TOOL FOR MALE PLUGS		
15 Series	15CLM		15 Series	15CLF	
16 & 18 Series	16CLM		16 & 18 Series	16CLF	

Additional accessory items include: Set Screws, Copper Shims, Strain Relief Wire and Lubricating Spray.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at www.leviton.com



NEMA Devices

All Black NEMA Devices for Stage and Studio Applications

Bulk Packaging



15 & 20 Amp NEMA Straight Blade Devices

POLES/WIRES	AMPS	VOLTS	NEMA	AC HP RATING	RECEPTACLE	PLUG	CONNECTOR
Straight Blade 2-Pole 3-Wire Grounding	15	125V	5-15	0.5	5262-E	5266-B	5269-B
		125V	5-15	0.5	5262-E	5266-PLB	5269-PLB
		125V	5-15	0.5	5262-E	5256-VB	5259-VB
	20	125V	5-20	1	5362-E	5366-B	5369-B
		125V	5-20	1	5362-E	5366-PLB	5369-PLB
		125V	5-20	1	5362-E	5356-VB	5359-VB

Dash (-) determines device style: -B = All Black, -PLB = Power Light, -VB = Python

Bulk Packaging



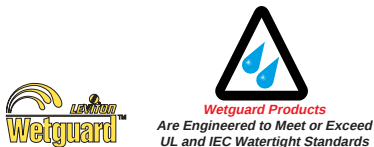
15, 20 & 30 Amp NEMA Locking Devices

POLES/WIRES	AMPS	VOLTS	NEMA	AC HP RATING	RECEPTACLE	PLUG	CONNECTOR
Locking 2-Pole 3-Wire Grounding	15	125V	L5-15	0.5	4710	4720-B	4729-B
		250V	L6-15	1.5*	4560	4570-B	4579-B
		277V AC	L7-15	2	4760	4770-B	4779-B
	20	125V	L5-20	1	2310-B	2311-B	2313-B
		125V	L5-20	1	2310-B	2311-PLB	2313-PLB
		250V	L6-20	2*	2320-B	2321-B	2323-B
	30	125V	L5-30	2	2610-B	2611-B	2613-B
		125V	L5-30	2	2610-B	2611-PLB	2613-PLB
		250V	L6-30	2*	2620-B	2621-B	C2623-B
Locking 3-Pole 4-Wire Grounding	20	125/250V	L14-20	2L-L*/1 L-N	2410-B	2411-B	2413-B
		3ø 250V	L15-20	3	2420-B	2421-B	2423-B
	30	125/250V	L14-30	2L-L*/2 L-N	2710-B	2711-B	2713-B
		3ø 250V	L15-30	3	2720-B	2721-B	2723-B
		3ø 480V	L16-30	10	2730-B	2731-B	2733-B

Dash (-) determines device style: -B = All Black, -PLB = Power Light

* Suitable for 208V motor applications at HP rating L-L Denotes phase-to-phase HP rating L-N Denotes phase-to-neutral HP rating

NOTE: Additional standard plug and connector configurations available. Consult factory, IPD 2.04 Catalog or ez-Find™ Catalog at www.leviton.com



NEMA 15 Amp Straight Blade, 20 & 30 Amp Locking

POLES/WIRES	AMPS	VOLTS	NEMA	AC HP RATING	PLUG	CONNECTOR
Straight Blade 2-Pole 3-Wire Grounding	15	125V	5-15	0.5	14W47-B	15W47-B
Locking 2-Pole 3-Wire Grounding	20	125V	L5-20	1	26W47-B	27W47-B
Locking 4-Pole 5-Wire Grounding	20	3øY 120/208V	L21-20	2	26W81-B	27W81-B
Locking 4-Pole 5-Wire Grounding	30	125V	L5-30	2	28W47-B	29W47-B

NOTE: Additional standard Wetguard® plug and connector configurations available. Consult factory, IPD 2.04 Catalog or ez-Find™ Catalog at www.leviton.com

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at www.leviton.com



Ordering Information



North American Watertight Pin & Sleeve Devices



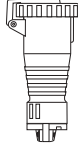
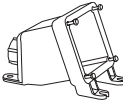
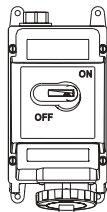
320P4W

320C4W



Engineered to IP67
Watertight Standards

20 & 30 Amp
North American Devices
IEC 309-1 & 309-2

WATERTIGHT					
PLUG	CONNECTOR	RECEPTACLE	INLET	BACK BOX	MECHANICAL INTERLOCK
					

AMPS	WIRING	VOLTAGE AC	PLUG	CONNECTOR	RECEPTACLE	INLET	BACK BOX	MECHANICAL INTERLOCK	
								NON-FUSED	FUSED
20	2P 3W	125	320P4W	320C4W	320R4W	320B4W	BX230-V	—	—
	2P 3W	250	320P6W	320C6W	320R6W	320B6W	BX230-V	320MI6W	—
	2P 3W	480	320P7W	320C7W	320R7W	320B7W	BX230-V	420MI7W	—
	3P 4W	125/250	420P12W	420C12W	420R12W	420B12W	BX230-V	420MI12W	420MF12W
	3P 4W	3Ø250	420P9W	420C9W	420R9W	420B9W	BX230-V	420MI9W	420MF9W
	3P 4W	3Ø480	420P7W	420C7W	420R7W	420B7W	BX230-V	420MI7W	420MF7W
	3P 4W	3Ø600	420P5W	420C5W	420R5W	420B5W	BX230-V	420MI5W	420MF5W
	4P 5W	3ØY120/208	520P9W	520C9W	520R9W	520B9W	BX230-V	520MI9W	—
	4P 5W	3ØY277/480	520P7W	520C7W	520R7W	520B7W	BX230-V	520MI7W	—
	4P 5W	3ØY347/600	520P5W	520C5W	520R5W	520B5W	BX230-V	520MI5W	—
30	2P 3W	125	330P4W	330C4W	330R4W	330B4W	BX230-V	—	—
	2P 3W	250	330P6W	330C6W	330R6W	330B6W	BX230-V	330MI6W	—
	3P 4W	480	330P7W	330C7W	330R7W	330B7W	BX230-V	330MI7W	—
	3P 4W	125/250	430P12W	430C12W	430R12W	430B12W	BX230-V	430MI12W	430MF12W
	3P 4W	3Ø250	430P9W	430C9W	430R9W	430B9W	BX230-V	430MI9W	430MF9W
	3P 4W	3Ø480	430P7W	430C7W	430R7W	430B7W	BX230-V	430MI7W	430MF7W
	3P 4W	3Ø600	430P5W	430C5W	430R5W	430B5W	BX230-V	430MI5W	430MF5W
	4P 5W	3ØY120/208	530P9W	530C9W	530R9W	530B9W	BX230-V	530MI9W	—
	4P 5W	3ØY277/480	530P7W	530C7W	530R7W	530B7W	BX230-V	530MI7W	530MF7W
	4P 5-W	3ØY347/600	530P5W	530C5W	530R5W	530B5W	BX230-V	530MI5W	530MF5W

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360B7W

360R6W

4100P12W



Engineered to IP67
Watertight Standards

60 & 100 Amp
North American Devices
IEC 309-1 & 309-2

WATERTIGHT					
PLUG	CONNECTOR	RECEPTACLE	INLET	BACK BOX	MECHANICAL INTERLOCK

AMPS	WIRING	VOLTAGE AC	PLUG	CONNECTOR	RECEPTACLE	INLET	BACK BOX	MECHANICAL INTERLOCK	
								NON-FUSED	FUSED
60	2P 3W	125	360P4W	360C4W	360R4W	360B4W	BX60-V	—	—
	2P 3W	250	360P6W	360C6W	360R6W	360B6W	BX60-V	320MI6W	320MF6W
	2P 3W	480	360P7W	360C7W	360R7W	360B7W	BX60-V	360MI7W	—
	3P 4W	125/250	460P12W	460C12W	460R12W	460B12W	BX60-V	460MI12W	460MF12W
	3P 4W	3Ø250	460P9W	460C9W	460R9W	460B9W	BX60-V	460MI9W	460MF9W
	3P 4W	3Ø480	460P7W	460C7W	460R7W	460B7W	BX60-V	460MI7W	460MF7W
	3P 4W	3Ø600	460P5W	460C5W	460R5W	460B5W	BX60-V	460MI5W	460MF5W
	4P 5W	3ØY120/208	560P9W	560C9W	560R9W	560B9W	BX60-V	560MI9W	560MF9W
	4P 5W	3ØY277/480	560P7W	560C7W	560R7W	560B7W	BX60-V	560MI7W	—
	4P 5W	3ØY347/600	560P5W	560C5W	560R5W	560B5W	BX60-V	560MI5W	—
100	2P 3W	125	3100P4W	3100C4W	3100R4W	3100B4W	BX100-V	3100MI4W	—
	2P 3W	250	3100P6W	3100C6W	3100R6W	3100B6W	BX100-V	3100MI6W	—
	2P 3W	480	3100P7W	3100C7W	3100R7W	3100B7W	BX100-V	3100MI7W	—
	3P 4W	125/250	4100P12W	4100C12W	4100R12W	4100B12W	BX100-V	4100MI12W	—
	3P 4W	3Ø250	4100P9W	4100C9W	4100R9W	4100B9W	BX100-V	4100MI9W	—
	3P 4W	3Ø480	4100P7W	4100C7W	4100R7W	4100B7W	BX100-V	4100MI7W	—
	3P 4W	3Ø600	4100P5W	4100C5W	4100R5W	4100B5W	BX100-V	4100MI5W	—
	4P 5W	3ØY120/208	5100P9W	5100C9W	5100R9W	5100B9W	BX100-V	5100MI9W	—
	4P 5W	3ØY277/480	5100P7W	5100C7W	5100R7W	5100B7W	BX100-V	5100MI7W	—
	4P 5W	3ØY347/600	5100P5W	5100C5W	5100R5W	5100B5W	BX100-V	5100MI5W	—

Ordering Information



Automatic & Manual Reset GFCI Cord Sets, Power Supply Cords

Automatic reset GFCI cord sets (black body) automatically reset ON when power is restored.



66891-3



66593-3



66591-25C

FACTORY-ASSEMBLED CORD SETS - Consult Techline for changes in length and/or configurations.				
LENGTH	GFCI CORD SET AUTOMATIC RESET (15 AMP) 14/3 SJTW (20 AMP) 12/3 SJTW YELLOW CORD, BLACK BODY BLACK PLUG & CONNECTOR	GFCI CORD SET MANUAL RESET (15 AMP) 14/3 SJTW (20 AMP) 12/3 SJTW YELLOW CORD, YELLOW BODY YELLOW PLUG & CONNECTOR	NEMA PLUG	NEMA CONNECTOR
15A 125V, Cord Sets				
2' 3' 6' 25'	66591-2C — 66591-6C 66591-25C	— 69591-3 — 69591-25	5-15P	5-15R
15A 125V, Cord Set Triple Outlet				
3'	66593-3	69593-3	5-15P	5-15R
15A 125V, Locking Cord Set				
3'	66597-3	—	L5-15P	L5-15R
15A 125V, Power Supply Cord				
37'	26591-37C	—	5-15P	—
15A 240V, Power Supply Cord				
35'	26592-E	—	6-15P	—
15A 125V, w/ Wetguard Plug & Connector Cord Set				
3' 25'	— —	69591-W3 69591-W25	5-15P	5-15R
20A 125V, Cord Sets				
3'	66891-3	69891-3	5-20P	5-20R
20A 125V, Locking Cord Set				
3'	66897-3	69897-3 Available as Special Order Only	L5-20P	L5-20R
20A 125V, Power Supply Cord				
37'	36591-37C	—	5-20P	—
20A 240V, Power Supply Cord				
35'	36592-E	—	6-20P	—
20A 125V, w/ Wetguard Plug & Connector Cord Set				
3'	—	69891-W3	5-20P	5-20R

Manual reset units (yellow body) will not automatically reset after power interruption; the reset button must be pushed in.



69591-W3



69891-3



Power Distribution Box - All Locking Receptacles

6 GFCI Protected 20A 125V Locking Receptacles;
1 GFCI Protected Locking Receptacle 30A 250V

BOX COLOR	POWER DISTRIBUTION BOX	POWER INLET NON-NEMA	POWER OUTLET NON-NEMA	6 NEMA GFCI PROTECTED RECEPTACLES	1 NEMA GFCI PROTECTED RECEPTACLE
50A 125 250V, NON-NEMA, NEMA L5-20R AND L6-30R					
Yellow	PB101-SGF	Non-NEMA	Non-NEMA	L5-20R	L6-30R

Power Distribution Box - Straight Blade Receptacles & 1 Locking Receptacle

6 GFCI Protected 20A 125V Straight Blade Receptacles;
1 GFCI Protected Locking Receptacle 30A 250V

BOX COLOR	POWER DISTRIBUTION BOX	POWER INLET NON-NEMA	POWER OUTLET NON-NEMA	6 NEMA GFCI PROTECTED RECEPTACLES	1 NEMA GFCI PROTECTED RECEPTACLE
50A 125 250V, NON-NEMA, NEMA 5-20R AND L6-30R					
Yellow	PB103-SGF	Non-NEMA	Non-NEMA	5-20R	L6-30R

Power Cords

Features Flexible, Abrasion-Resistant Construction Offering Reliable Performance to -35°C



FACTORY-ASSEMBLED CORD SETS			
LENGTH	BLACK FLEXIBLE CORD w/ (3) #6 AWG and (1) #8 AWG CONDUCTORS	YELLOW & WHITE WEATHER-RESISTANT PLUG NON-NEMA	YELLOW & WHITE WEATHER-RESISTANT CONNECTOR NON-NEMA
50A 125 250V, NON-NEMA			
50' 100'	KRS-A9519 KUS-A9519	NON-NEMA†	NON-NEMA†

†Consult Factory for Other Configurations.



Panel Mounts

20A 125V PANEL MOUNT GFCI w/ 16" LEADS & LED LIGHT YELLOW LEXAN
36596
PANEL MOUNT FOR TEMPORARY POWER DISTRIBUTION BOXES
36597



Front View



Side View

High Current GFCI

Contact Rating: 20A 125V AC
Load Capability with 125V Control Relay
80@240V AC Max.

TOGGLE COLOR	BLANK FACE RESET BUTTONS
Ivory	8895-80I
White	8895-80W
Black	8895-80E

Recognized Component

Recognized Component



GFCI-Protected Fluorescent Work Light w/Receptacle

13A 125V, 2-P 3-W Grounding

LENGTH	GFCI CORD SET, YELLOW CORD, 16/3 SJTW BLACK BODY, ON/OFF POWER SWITCH, 13 WATT LAMP & RECEPTACLE	NEMA PLUG	NEMA CONNECTOR
20'	66591-WL	5-15P	5-15R

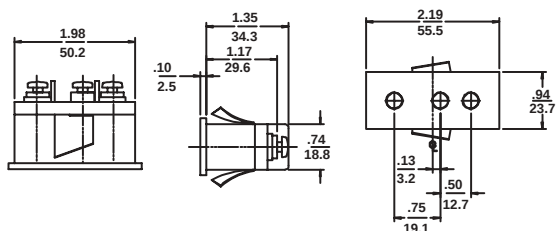


Dimensional Drawings



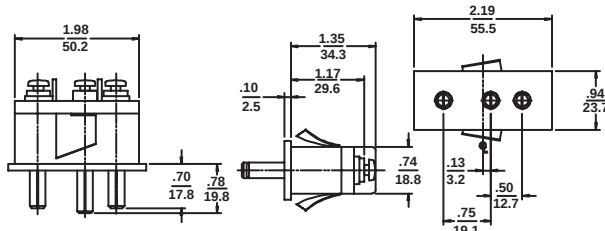
Stage Pin Panel Mount Drawings

20A FEMALE RECEPTACLE, SNAP-IN



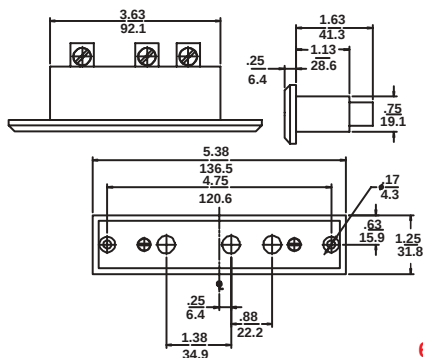
20RS-E

20A MALE INLET, SNAP-IN



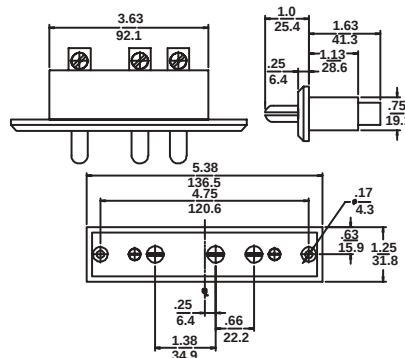
20IS-E

60A FEMALE RECEPTACLE, BOLT-ON



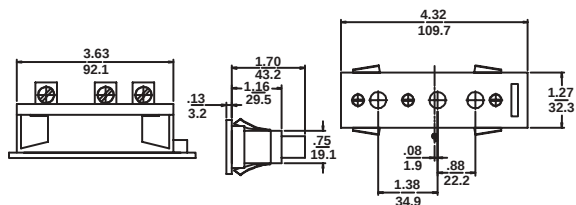
60RB-E

60A MALE INLET, BOLT-ON



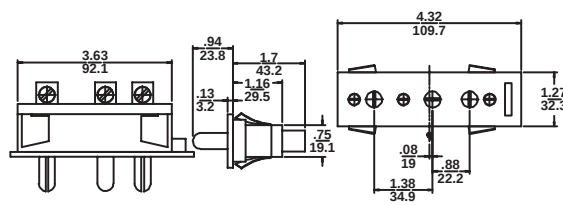
60IB-E

60A FEMALE PANEL RECEPTACLE, SNAP-IN



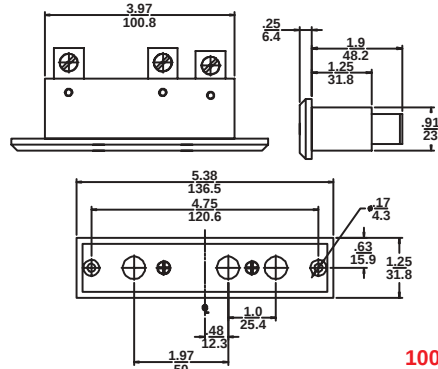
60RS-E

60A MALE PANEL INLET, SNAP-IN



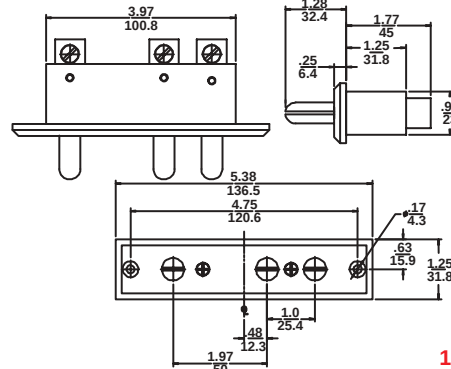
60IS-E

100A FEMALE RECEPTACLE, BOLT-ON



100RB-E

100A MALE INLET, BOLT-ON

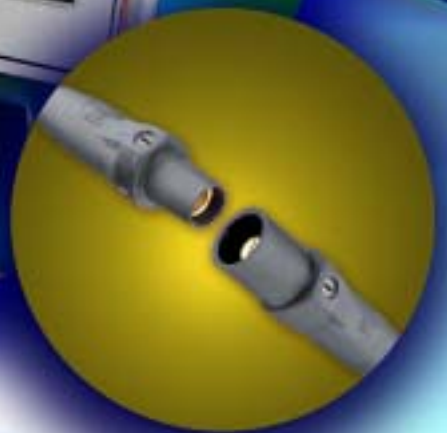


100IB-E

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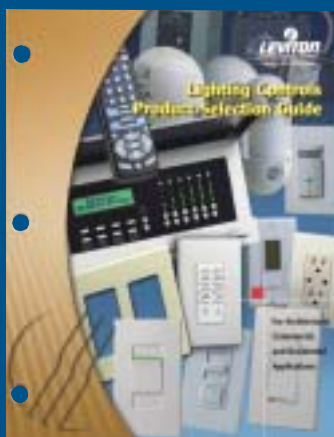
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ESTA



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