

POWER DISTRIBUTION

MELTRIC Switch-Rated plugs and receptacles can help increase efficiency, lower maintenance costs, and deliver power when and where you need it most. Safely and quickly connect and disconnect electrical equipment using MELTRIC plugs and receptacles and relocate power supply systems and generators where you need them. MELTRIC devices can also be engineered to be included in a custom power solution.



CUSTOM WIDE VARIETY OF PLATFORMS & FEATURES P. 151

- Custom engineered
- Featuring Switch-Rated plugs and receptacles
- Poly or metal casings



RUBBER BOX PORTABLE RUBBER BOX PLATFORM P. 153

- Standard or custom configurations
- One, two, or three tier rubber boxes
- Featuring Switch-Rated plugs and receptacles



SAFETY SWITCHES FOR ADDED PROTECTION P. 155

- 30 A to 200 A series
- Heavy-duty, single throw, fusible or non-fusible safety switch
- Switch-Rated receptacles mounted and wired to disconnect switch



CUSTOM Power Distribution



Custom power solutions from MELTRIC provide the Switch-Rated safety and durability of MELTRIC Switch-Rated plugs and receptacles in a power distribution package built specifically to customer needs. Whether you require power distribution in a vertical stand configuration, a low profile horizontal configuration, a custom configuration, or as a cordset, MELTRIC's engineering team can build a package to meet your needs.

Available Features

- Color-Coded Enclosures
- Phase Indication
- Stainless Steel Enclosures
- 120 V Convenience Outlet
- Rain Hoods
- Timers
- Pilot Circuits
- Wheel Kits
- Shunt Trips
- Under Voltage Trips
- Liftng Provisions
- Power Transformers

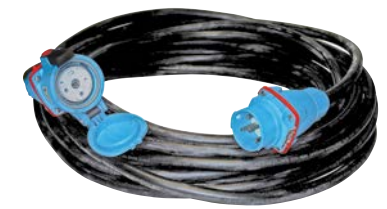
COMMON PLATFORMS



Custom Panel Solutions



Multigang Power



Cable Assembly



Breaker Plate Assembly



SB Enclosures



Rubber Box



Circuit Protection



Safety Switch

If you don't see what you are looking for, call MELTRIC @ 800-433-7642.

Rubber Boxes

Power Distribution

UL Type 3R Enclosures

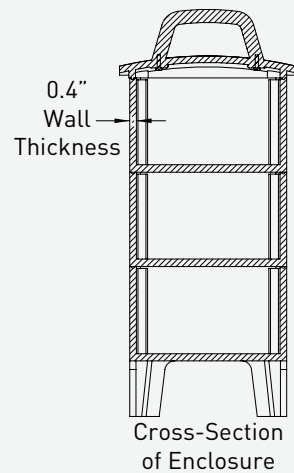
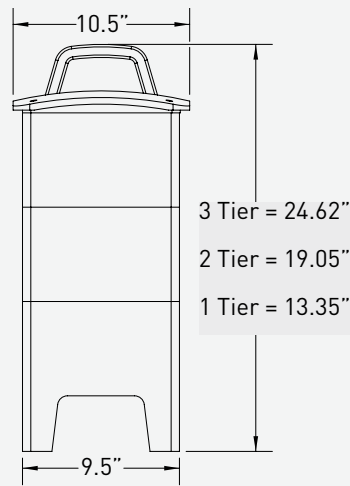


1 Tier

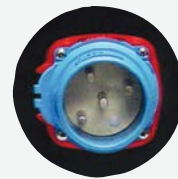
2 Tier

3 Tier

Contact MELTRIC® at 800-433-7642 or engineering@meltric.com to review input and output configuration options.



Power input up to 100 A, 480 VAC. Choose a mounted inlet or a cord and plug.



Mounted Inlet



Cord and Plug

RUBBER POWER DISTRIBUTION BOXES

Note: Some configurations shown require sharing of circuit protection devices.

Single Tier Potential Configuration



Side 1
(2) DSN Receptacles



Side 2
(2) 3 Pole MCB's



Side 3
(2) DSN Receptacles



Side 4
(1) Inlet

Double Tier Potential Configuration



Side 1
(1) DSN 20 A Receptacle
(1) DSN 30 A Receptacle
(1) DSN 60 A Receptacle



Side 2
(2) 20 A 3 Pole MCB's
(2) 30 A 3 Pole MCB's
(2) 60 A 3 Pole MCB's
(2) 20 A 1 Pole MCB's



Side 3
(1) DSN 20 A Receptacle
(1) DSN 30 A Receptacle
(1) DSN 60 A Receptacle



Side 4
(2) 20 A Type 5-20 Duplex GFCI
(1) DSN100 100 A Inlet

Triple Tier Potential Configuration



Side 1
(1) 20 A Type 5-20 Duplex GFCI
(2) DSN 20 A Receptacles
(2) DSN 30 A Receptacles



Side 2
(6) 20 A 1 Pole MCB's
(4) 20 A 3 Pole MCB's
(4) 30 A 3 Pole MCB's



Side 3
(1) 20 A Type 5-20 Duplex GFCI
(2) DSN 20 A Receptacles
(2) DSN 30 A Receptacles



Side 4
(2) 20 A Type 5-20 Duplex GFCI
(2) 20 A Type 5-20 Duplex GFCI
(1) DSN100 100 A Inlet

Power Receptacles



Room for (2) DSN60 (or smaller) receptacles per side per tier.

Circuit Protection



Room for up to (10) poles of standard MCB's (mini circuit breakers) per tier.
Note: All configurations use UL489 circuit breakers except 60 A at 480 VAC, which comes with UL1077 breakers.

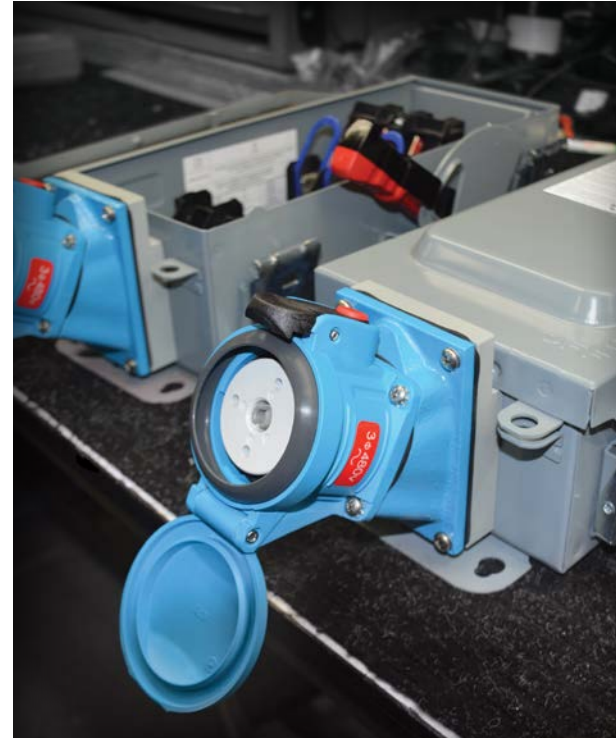
Convenience Outlets



Room for (2) Type 5-20R duplex receptacles per side per tier or choose other convenience outlets.

Disconnects

DISCONNECTS RECEPTACLE/DISCONNECT COMBINATIONS



MELTRIC non-interlocked safety switch disconnects are intended for use in power supply applications where additional over current and short circuit protection is desired. Since MELTRIC Switch-Rated Series products are UL and CSA Switch-Rated, there is no need for the receptacle to be interlocked to the switch. The load may be safely made or broken by throwing the switch lever or by simply connecting or disconnecting the plug.

The standard MELTRIC Safety Switch Disconnect consists of a DS Series receptacle and angle mounted and wired to a heavy-duty, single throw, fusible safety switch. They can optionally be provided with DSN series, straight mounting adapters, non-fused switches, or with circuit breaker protection.

Options:

DSN Receptacle (DS is standard)

Straight Adapter (Angle is standard)

Non-Fused (Fused is standard)

Viewing Window

Reverse Service



VOLTAGE	POLARITY	PART # 30 A POLY	PART # 60 A POLY	PART # 60 A METAL	PART # 100 A POLY	PART # 100 A METAL	PART # 200 A METAL
120 V	1P+N+G	33-37165-22X	33-67165-22X	37-67165-22X	33-97165-22X	37-97165-22X	37-27165-22X
120 208 V	2P+N+G	33-37166-22X	33-67166-22X	37-67166-22X	33-97166-22X	37-97166-22X	37-27166-22X
120 208 V	3P+N+G	33-37167-42X	33-67167-42X	37-67167-42X	33-97167-42X	37-97167-42X	37-27167-42X
125 250 V	2P+N+G	33-37076-22X	33-67076-22X	37-67076-22X	33-97076-22X	37-97076-22X	37-27076-22X
208 V	3P+G	33-37163-32X	33-67163-32X	37-67163-32X	33-97163-32X	37-97163-32X	37-27163-32X
208 V	2P+G	33-37162-12X	33-67162-12X	37-67162-12X	33-97162-12X	37-97162-12X	37-27162-12X
250 V	2P+G	33-37072-12X	33-67072-12X	37-67072-12X	33-97072-12X	37-97072-12X	37-27072-12X
480 V	2P+G	33-37042-12X	33-67042-12X	37-67042-12X	33-97042-12X	37-97042-12X	37-27042-12X
277 480 V	2P+N+G	33-37046-22X	33-67046-22X	37-67046-22X	33-97046-22X	37-97046-22X	37-27046-22X
277 480 V	3P+N+G	33-37047-42X	33-67047-42X	37-67047-42X	33-97047-42X	37-97047-42X	37-27047-42X
480 V	3P+G	33-37043-32X	33-67043-32X	37-67043-32X	33-97043-32X	37-97043-32X	37-27043-32X
347 600 V	2P+N+G	33-37146-22X	33-67146-22X	37-67146-22X	33-97146-22X	37-97146-22X	37-27146-22X
347 600 V	3P+N+G	33-37147-42X	33-67147-42X	37-67147-42X	33-97147-42X	37-97147-42X	37-27147-42X
600 V	3P+G	33-37143-32X	33-67143-32X	37-67143-32X	33-97143-32X	37-97143-32X	37-27143-32X
600 V	2P+G	33-37142-12X	33-67142-12X	37-67142-12X	33-97142-12X	37-97142-12X	37-27142-12X

Notes: When ordering a Safety Switch Disconnect, replace the "X" with the appropriate number that represents the NEMA Rating of choice.

NEMA GUIDELINES

X (NUMBER)	NEMA RATING
9	Type 4X
7	Type 12
5	Type 3R
1	Type 1

ORDERING INFORMATION FOR OPTIONAL CONFIGURATIONS

DSN Receptacle	To order a DSN receptacle (30-60 A), change prefix "33" to "63". NOTE: DSN60 products are not available in Type 12.	Example: DSN 60 A Poly Receptacle 250 VAC (2P+G) Type 1 = 63-67072-121
Straight Adapter	To order a straight adapter, add suffix -S to the part number.	Example: DS 60 A Metal Receptacle 480 VAC (3P+G) Type 1 = 37-67043-321-S
Non-Fused	To order a non fused device, add suffix -NF to the part number.	Example: DS 30 A Poly Receptacle 250 VAC (2P+G) Type 3R = 33-37072-125-NF