

Catalog Number	
Notes	Type

FEATURES

INTENDED USE

The Primary Distribution Box (DBP) is used to bring multiple circuits from the electrical panel into an area of the building where they can be further distributed to utilization equipment. The Primary Distribution Box serves as a modular junction box to allow a transition from oversized conductors used in the RELOC Mainrun Cable (RMC) to the RELOC modular wiring system. Available in two sizes, the DBP can be used in an open ceiling, above a hung ceiling, and below a raised floor, including low-profile raised floors.

CONSTRUCTION

Keying prevents accidental mating of circuits with different voltages. Available with up to twelve RELOC ports; Up to three circuits per RELOC port. Two sizes: 9" x 9" (up to 6 RELOC ports) and 12" x 12" (up to 12 RELOC ports). Low-profile DBP – 1.7" height.

ELECTRICAL

Rated for 20A branch circuit use. Isolated ground and two hots and two neutrals wiring available. All internal wiring uses 12AWG stranded copper THHN (90°C).

INSTALLATION

Labeled to identify panel and circuit available at each port. Integrated RMC provides oversized conductors to minimize voltage drop. RMC labeled to identify assigned circuit breaker in panel. Optionally available with labeled terminal blocks ready for field-wiring to homerun wiring.

SYSTEM FEATURES

Compatible with RELOC systems 820, Quick-Flex and One Pass. The DBP is normally provided with an integrated RMC attached and all ports and conductors labeled to show circuit assignments. Alternatively, the DBP can be provided without a RMC, allowing the circuits to be field-wired to the DPB using any approved wiring method.

LISTING

Suitable for use in other environmental air areas used for NEC 300.22 (c). UL/CUL-Listed.

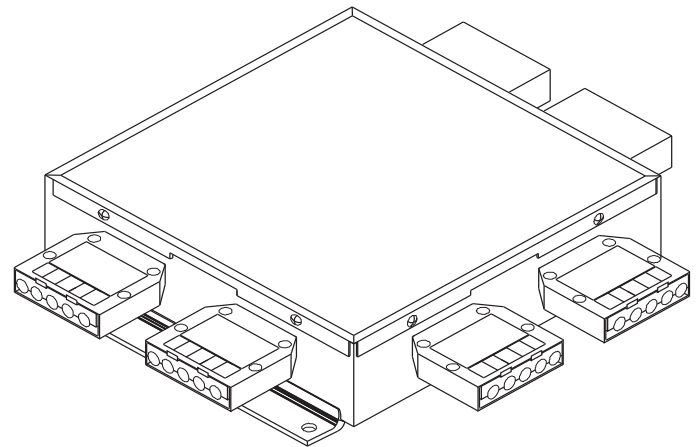
WARRANTY

One year from the date of purchase.

RELOC® Wiring Solutions

DBP

Distribution Box Primary



ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: DBP 120 4CD

DBP		Voltage		Output connection ¹		Options	
Series							
DBP	Distribution box primary	120	120V	_CD	Sytem 820 circuit distributor^{2,5}	(blank)	No option
		208	208V⁶	_OC	ONEPASS converter^{2,5,7}	2N	Two hots and neutrals
S5DBP	SIMPLY5	220	220V⁶	_QC	QUICK-FLEX converter^{3,4,8,9}	IGW	Isolated ground wire
	Distribution box primary¹⁰	240	240V⁶			PB	Pull box¹¹
		277	277V			LP	Low-profile box
		347	347V				
		480	480V⁶				

NOTES:

- Minimum output ports available is 2. Maximum output ports available is 12. Specify number of ports per box in blank.
- CD and OC - three circuits available for 120v,277v and 347v. Three phase circuit or two circuits available for 208v, 220v, 240v and 480v.
- QC - two circuits available for 120v, 277v and 347v.
- QC - not available in 208, 220v, 240v and 480v.
- CD and OC - 120v, 277v and 347v two circuits available with 2N option only.
- 208v, 220v, 240v and 480v - not available with IGW and 2N options.
- OC - not available with IGW option.
- QC - 120v one circuit available with IGW option.
- QC - 2N option not available.
- S5DBP - 2N and IGW option not available.
- Maximum number of output ports available with PB option is 8.

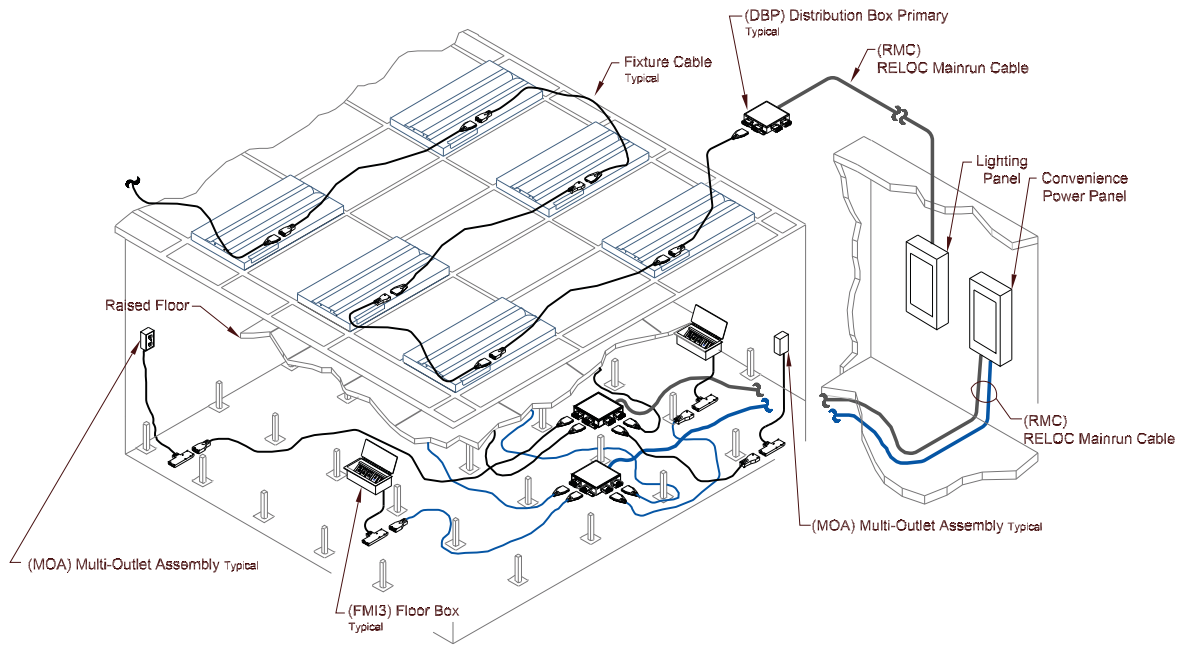
DBP Distribution Box Primary

SPECIFICATIONS

Enclosure	<ul style="list-style-type: none">• Size: 9"x9" or 12"x12"• Height: 1.7" or 3"• Construction: one-piece, riveted• Integral leg: 0.25" high with 0.27" mounting holes• Thickness: 16-gauge galvanized steel• Lid: drip-resistant design
Connectors	<ul style="list-style-type: none">• Input: 1.7" maximum to fit 1-1/4" trade size FMC/MC connector• Output: CD, ONEPASS® OC or QUICK-FLEX® QC
Output connectors	<ul style="list-style-type: none">• Current rating: 20A• Contact type: Socket• Contact termination type: crimp• Contact material: tin-plated copper• Insulating material: PC, PC/PEI or PBT
Grounding	<ul style="list-style-type: none">• Grounding lug type: pass-through• Grounding lug size: 6AWG - 14 AWG input ground conductor• Connection: grounding lug fastened to enclosure internally• Connectors: all input and output connectors grounded to enclosure
External bonding	<ul style="list-style-type: none">• External grounding lug for under-floor applications• Bonding lug type: pass-through• Bonding lug size: 6AWG - 14 AWG ground conductor
Labeling	<ul style="list-style-type: none">• Output connectors: port number, panel number, circuit numbers

DBP Distribution Box Primary

SYSTEM VIEW



DBP Distribution Box Primary

DIMENSIONS

