

DISTRIBUTION



D2PC SERIES

FACTORY SEALED LIGHTING / POWER PANELBOARDS



Class I, Div. 2, Groups B, C, D
 Class I, Zone 2, Groups IIB+H₂, IIA
 Class II, Div. 2, Groups F, G
 Class III, Div. 1 & 2
 NEMA, CSA Type 3, 4 (4X Optional)



Classified – File E83969

Certified – File LR11713

FEATURES-SPECIFICATIONS

Catalog Numbers on this page are for the basic Termination Enclosure with distribution, neutral, ground bar and terminal blocks plus a Breaker Enclosure with internal pan. Enclosures are connected together with factory poured sealing chambers and mounted on aluminum frame for wall mounting.

External breaker handles and internal branch breakers are not included and must be ordered as separate items for factory installation. (See page DE20)

CUTLER-HAMMER CIRCUIT BREAKER RATINGS FOR D2PC PANEL									
TYPE	NUMBER OF POLES	MAXIMUM VOLTS		AMPERES SYMMETRICAL					
		AC	DC	277 VAC	347 VAC	277/480 VAC	347/600 VAC	125 VDC	250 VDC
GHC	1	277	125	14,000		—	—	14,000	—
	2 & 3	277/480Y	250	14,000		14,000	—	—	14,000
GCH	1	347	125	—	10,000	—	—	14,000	—
	2 & 3	347/600Y	250	—	—	—	10,000	—	14,000

NOTE: GCH Breakers are CSA only.

PANELBOARDS WITHOUT MAIN BREAKER (MAIN LUGS ONLY) LESS BRANCH BREAKERS					
ELECTRICAL RATING	NUMBER OF BRANCH POLES	MAIN LUG RATING AMPS	CATALOG NUMBER BASIC ENCLOSURES	MAIN WIRE RANGE	PANEL SIZE
Three Phase 4 Wire with Solid Neutral up to 480Y/277 VAC 600Y/347 VAC	12	100	D2PC-312-ML100	M	E
	24	225	D2PC-324-ML225	N	F
	36	225	D2PC-336-ML225	N	G
	42	225	D2PC-342-ML225	P	H

PANELBOARDS WITH MAIN BREAKER LESS BRANCH BREAKERS							
ELECTRICAL RATING	NUMBER OF BRANCH POLES	MAIN BREAKER			CATALOG NUMBER BASIC ENCLOSURES	MAIN WIRE RANGE	PANEL SIZE
		MAX VOLTS	AMPS	FRAME			
Three Phase 4 Wire with Solid Neutral 480Y/277 VAC 600Y/347 VAC	9	480Y/277	100	GHC	D2PC-309-MBGH100	M	E
	9	600Y/347	100	GCH	D2PC-309-MBGC100	M	E
	21	480Y/277	100	GHC	D2PC-321-MBGH100	N	F
	21	600Y/347	100	GCH	D2PC-321-MBGC100	N	F
	33	480Y/277	100	GHC	D2PC-333-MBGH100	N	G
	33	600Y/347	100	GCH	D2PC-333-MBGC100	N	G
	42	600Y/347	225	JDB	D2PC-342-MBJ225	N	H

Note special wiring conditions: GHC 480Y/277 circuit breakers are not suitable for 3 phase Delta (480)

GCH 600Y/347 circuit breakers are not suitable for 3 phase Delta (600)

GCH Rating is for CSA only not UL.

NOTE: To substitute a lower amperage main breaker change last three digits of catalog number to desired amperage.

Example: For a 50 amp main breaker part number = D2PC-309-MBGH050

See page DE20 for Branch Breaker Selection

See page DE21 for Dimensions, Wire Range Chart and Wiring Diagrams.

Panels are constructed with Terminal Box on Top for Top Feed.

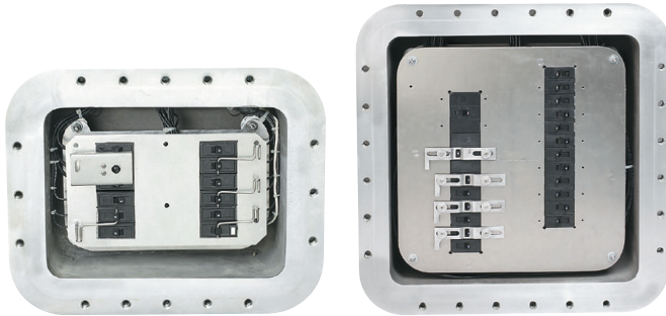
If Bottom Feed is required order modification D2MLBTM for inverted panel with Terminal Box on Bottom.



600/480V Factory Sealed Power Panels available up to 42 circuits (MLO) as shown. Consult factory for ordering information.



FACTORY SEALED CIRCUIT BREAKER PANELBOARDS



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FEATURES-SPECIFICATIONS

BRANCH CIRCUIT BREAKER SELECTION FOR D2L & D2PC FACTORY SEALED PANELBOARDS									
NUMBER OF POLES PER BREAKER	TRIP AMP RATING	CATALOG NUMBER							
		D2L SERIES LIGHTING PANEL					D2PC SERIES POWER PANEL		
		QC FRAME STANDARD	QC FRAME HID HIGH INTENSITY DISCHARGE	QC FRAME SWITCHED NEUTRAL	QCFG GROUND FAULT 5 MA	QCGFEP EQUIPMENT PROTECTION 30 MA	GHC FRAME 277/480Y VAC MAX	GHCHID FRAME 277/480Y HIGH INTENSITY DISCHARGE	GCH FRAME 347/600Y VAC MAX
(1) Single Pole	Space [Ⓞ]	D2BLA1000	D2BLD1000	—	D2BLC1000	D2BLE1000	D2BGHC1000	D2BGHCD1000	D2BGCH1000
	15	D2BLA1015	D2BLD1015	—	D2BLC1015	D2BLE1015	D2BGHC1015	D2BGHCD1015	D2BGCH1015
	20	D2BLA1020	D2BLD1020	—	D2BLC1020	D2BLE1020	D2BGHC1020	D2BGHCD1020	D2BGCH1020
	30	D2BLA1030	D2BLD1030	—	D2BLC1030	D2BLE1030	D2BGHC1030	—	D2BGCH1030
	40	D2BLA1040	D2BLD1040	—	D2BLC1040	D2BLE1040	D2BGHC1040	—	D2BGCH1040
	50	D2BLA1050	D2BLD1050	—	—	D2BLE1050	D2BGHC1050	—	D2BGCH1050
	60	D2BLA1060	D2BLD1060	—	—	—	D2BGHC1060	—	D2BGCH1060
	70	D2BLA1070	—	—	—	—	D2BGHC1070	—	D2BGCH1070
(2) Double Pole	Space [Ⓞ]	D2BLA2000	D2BLD2000	D2BLF2000	D2BLC2000	D2BLE2000	D2BGHC2000	—	D2BGCH2000
	15	D2BLA2015	D2BLD2015	D2BLF2015	D2BLC2015	D2BLE2015	D2BGHC2015	—	D2BGCH2015
	20	D2BLA2020	D2BLD2020	D2BLF2020	D2BLC2020	D2BLE2020	D2BGHC2020	—	D2BGCH2020
	30	D2BLA2030	D2BLD2030	D2BLF2030	D2BLC2030	D2BLE2030	D2BGHC2030	—	D2BGCH2030
	40	D2BLA2040	D2BLD2040	—	D2BLC2040	D2BLE2040	D2BGHC2040	—	D2BGCH2040
	50	D2BLA2050	D2BLD2050	—	D2BLC2050	D2BLE2050	D2BGHC2050	—	D2BGCH2050
	60	D2BLA2060	D2BLD2060	—	—	—	D2BGHC2060	—	D2BGCH2060
	70	D2BLA2070	—	—	—	—	D2BGHC2070	—	D2BGCH2070
(3) Three Pole	Space [Ⓞ]	D2BLA3000	—	D2BLF3000	—	—	D2BGHC3000	—	D2BGCH3000
	15	D2BLA3015	—	D2BLF3015	—	—	D2BGHC3015	—	D2BGCH3015
	20	D2BLA3020	—	D2BLF3020	—	—	D2BGHC3020	—	D2BGCH3020
	30	D2BLA3030	—	D2BLF3030	—	—	D2BGHC3030	—	D2BGCH3030
	40	D2BLA3040	—	—	—	—	D2BGHC3040	—	D2BGCH3040
	50	D2BLA3050	—	—	—	—	D2BGHC3050	—	D2BGCH3050
	60	D2BLA3060	—	—	—	—	D2BGHC3060	—	D2BGCH3060
	70	D2BLA3070	—	—	—	—	D2BGHC3070	—	D2BGCH3070
90	D2BLA3090	—	—	—	—	D2BGHC3090	—	D2BGCH3090	
100	D2BLA3100	—	—	—	—	D2BGHC3100	—	D2BGCH3100	

NOTES:

- Above part numbers include external handle, trip mechanism, locking tab and internal branch circuit breaker.
- Refer to page DE17 for complete ordering information and examples.
- Refer to pages DE18 and DE19 for maximum voltage and ratings of circuit breakers.
- Space = External handle, trip mechanism installed to allow for future installations of breakers.
- Ground Fault and Equipment protection breakers include external button for test purpose.
- 15 and 20 ampere, 1 pole GHCHID are SWD rated.

Ⓞ Handle only.