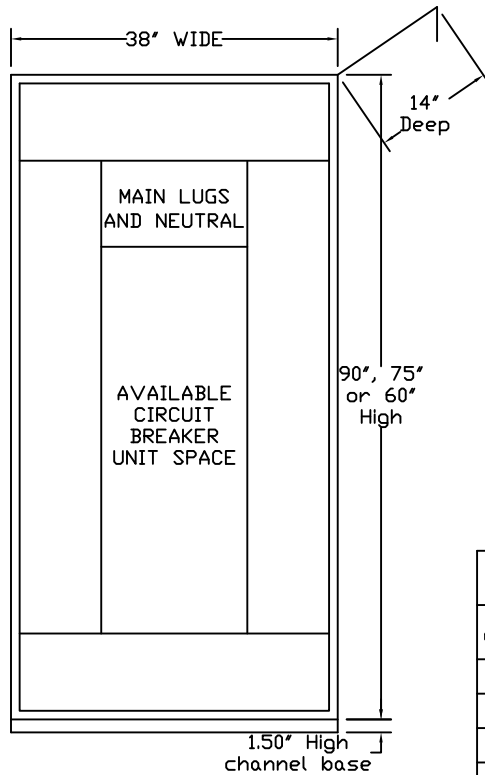


Illinois Switchboard Corporation

MLO Circuit Breaker Distribution Panels

Main Lugs up to 1600amp, Top or Bottom Fed
 250 Volts AC or DC 600Volt AC
 1200 Amp Max. Branch
 UL Short Circuit Rating - 150,000AIC Maximum



FRONT VIEW

Panelboards

Listed by Underwriters Laboratories under File#E-52358

Enclosure

The panelboard structure shall be floor mounted and of welded construction. The enclosure shall be constructed of 12 gauge steel, die formed to show 1" reveal top, bottom and sides. Painted ANSI-61 light gray and meet switchboard standard 891. Front covers shall be 14 gauge steel die formed, recessed and fastened with acorn nuts.

Bus Bar

Bus bars shall be manufactured from 98% conductivity silver plated copper only. Bus bars will be completely punched and tapped as to facilitate the future addition of circuit breakers without the need for drilling and tapping. All bus bar will be rated 1000 amps per square inch.

Circuit Breakers


Circuit breakers shall be manufactured by Siemens®

MAIN LUG CONNECTORS#	
AMP RATING	Connectors for CU or AL
400	(1) #2 - 600 MCM
600	(2) #2 - 350 MCM
800	(2) #2 - 600 MCM
1200	(3) #2 - 600 MCM
1600	(4) #2 - 600 MCM

AVAILABLE UNIT SPACE					
BDX HEIGHT	400A MLO	600A MLO	800A MLO	1200A MLO	1600A MLO
90"	60"	60"	60"	60"	55"
75"	45"	45"	45"	45"	-
60"	30"	30"	30"	30"	-

BRANCH CIRCUIT BREAKERS					
FRAME RATING	BREAKER FRAME	MOUNTING HEIGHT		AIC RATINGS	AC VOLTAGE
		SINGLE	TWIN		
100	BL		5"	10, 22, 65	240
225	QJ/QR		5", 7.5"	10, 22, 42	240
400	JD	10"	10"	65	240
100	BQD		5"	14	480/277
125	ED		5"	18, 25, 42	480
125	GB		5"	25, 35, 65	480/277
250	FD		5", 7.5"	35, 65, 100	480
400	JD	10"	10"	35, 65, 100	480
600	LD	10"		35, 65, 100	480
800	MD	10"		50, 65, 100	480
1200	ND	10"		50, 65, 100	480

Note: There are alternate terminals on circuit breakers. Confirm size and availability.

TITLE		
MAIN LUG CIRCUIT BREAKER DISTRIBUTION 400AMP TO 1600AMP		
JOB Manufacturers and designers of electrical switchboards, control centers, power & lighting distribution panelboards & specialties specialists in alterations and additions to existing switchboards.		
		125 WEST LAURA DRIVE ADDISON, ILLINOIS 60101 PHONE (630) 543-0910 FAX (630) 543-6514
DATE: 18 MAY 17	REVISED:	DWG. NO. MLOCB DIST
REVISED: 6 JUL 17	REVISED:	
DRAWN BY: E.Z.	SALESPERSON: E.Z.	