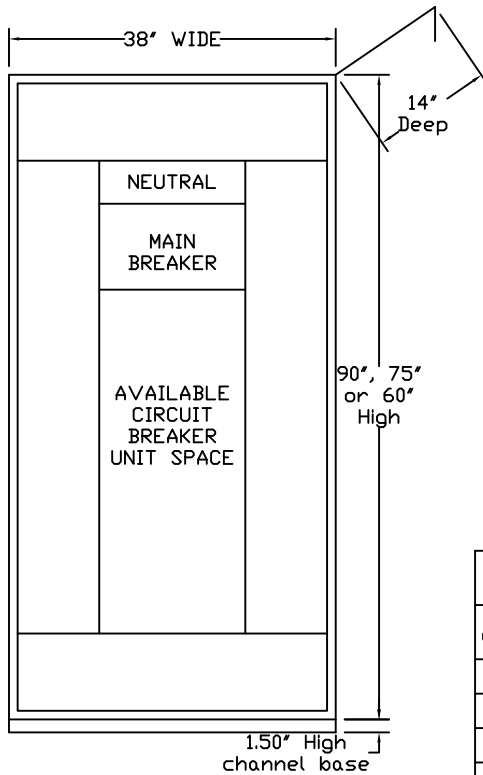


# Illinois Switchboard Corporation

# MCB Circuit Breaker Distribution Panels

Main Breaker up to 1200amp, GFI available, 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®

TERMINALS ON MAIN BREAKERS#	
AMP RATING	Connectors for CU or AL
400 JD	(1) 500 - 750 MCM
600 LD	(2) 3/0 - 500 MCM
800 MD	(2) 500 - 750 MCM
1200 ND	(3) 500 - 750 MCM

AVAILABLE UNIT SPACE				
BOX HEIGHT	400A MCB	600A MCB	800A MCB	1200A MCB
90"	55"	55"	50"	50"
75"	40"	40"	35"	35"
60"	25"	25"	20"	20"

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.

<b>TITLE</b> MAIN CIRCUIT BREAKER DISTRIBUTION 400AMP TO 1200AMP		
<b>JOB</b> Manufacturers and designers of electrical switchboards, control centers, power & lighting distribution panelboards & specialties specialists in alterations and additions to existing switchboards.		
 <p><b>ILLINOIS SWITCHBOARD Corporation</b></p>		125 WEST LAURA DRIVE ADDISON, ILLINOIS 60101 PHONE (630) 543-0910 FAX (630) 543-6514
<b>DATE:</b> 18 MAY 17	<b>REVISED:</b>	<b>DWG. NO.</b> <b>MCB DIST</b>
<b>REVISED:</b> 6 JUL 17	<b>REVISED:</b>	
<b>DRAWN BY:</b> E.Z.	<b>SALESPERSON:</b> E.Z.	