

# Mersen SCCR Quick Select Guide

	ITEM	TYPE	DESCRIPTION	SCCR (kA)	
FUSEHOLDERS	FEB, FEX	Midget	600V In-Line Fuseholder for Midget Fuses	See Fuse Table on Page 2 / Limited by Fuse IR	
	FEC, FEY	CC	600V In-Line Fuseholder for Class CC Fuses	200	
	US14	14x51	750V Ultra-Safe Fuseholder for 14x51mm Fuses	See Fuse Table on Page 2 / Limited by Fuse IR	
	US22	22x58	750V Ultra-Safe Fuseholder for 22x58mm Fuses	See Fuse Table on Page 2 / Limited by Fuse IR	
	US_J	J	600V Ultra-Safe Fuseholder for Class J fuses	200	
	USCC	CC	24, 48 & 600V Ultra-Safe™ Fuseholder for Class CC fuses	200	
	USM	Midget	24, 48 & 600V Ultra-Safe™ Fuseholder for Midget fuses	See Fuse Table on Page 2 / Limited by Fuse IR	
	USFM10	10x38	600V Ultra-Safe™ Fuse Module for 10x38mm Fuses	See Fuse Table on Page 2 / Limited by Fuse IR	
	USFMCC	CC	600V Ultra-Safe™ Fuse Module for Class CC Fuses	200	
	USFMM	Midget	600V Ultra-Safe™ Fuse Module for Midget Fuses	See Fuse Table on Page 2 / Limited by Fuse IR	
	60300J - 6663J	J	600V Open Fuseholder for Class J Fuses	200	
	60305SJ - 60358SJ	J	600V Space Saving Open Fuseholder for Class J Fuses	200	
	30310 - 30353	Midget	600V Open Fuseholder for Midget Fuses	See Fuse Table on Page 2 / Limited by Fuse IR	
	30310R - 30353R	CC	600V Open Fuseholder for Class CC Fuses	200**	
	20300 - 22053R	-	250V Open Style Fuseholder for Class H, K and R Fuses	-	
		H	For use with Class H	10	
		K	For use with Class K	50	
		R	For use with Class R	200	
	60300 - 6663R	-	600V Open Style Fuseholder for Class H, K and R Fuses	-	
		H	For use with Class H	10	
		K	For use with Class K	50	
		R	For use with Class R	200	
	30305T - 36051T	T	300V Open Style Fuseholder for Class T Fuses	200	
	60305T - 66051T	T	600V Open Style Fuseholder for Class T Fuses	200	
	40110G - 40658G	G	480V and 600V Open Style Fuseholder for Class G Fuses	100**	
	703, U705, U710	Form 101	Form 101 Open Style Semiconductor Fuseholders	See Fuse Table on Page 2 / Limited by Fuse IR	
	P243, P266, P292	Form 101	Form 101 Open Style Semiconductor Fuseholders	See Fuse Table on Page 2 / Limited by Fuse IR	
1SC, 1MSC	Form 101	Modular Semiconductor Fuse Blocks	See Fuse Table on Page 2 / Limited by Fuse IR		
62000 - 63000	Mini	Mini Power Distribution Blocks	See MPDB Table on Page 3		
66000 - 67000	Intermediate	Intermediate Power Distribution Blocks	See MPDB Table on Page 4		
68000 - 69000	Large	Large Power Distribution Blocks	See MPDB Table on Page 5		
FSPDB	Finger-Safe	Finger-safe Power Distribution Block	See FSPDB Table on Page 6		
SWITCHES	Changeover	-	Manually operated Changeover Switch	5	
	FBCC30CDT	-	30A Fusible Disconnect Switch, Class CC	See Switch Table on Page 7	
	FBCC	-	Fusible Disconnect Switch, Class CC	See Switch Table on Page 7	
	FBJ30CDT	-	30A Fusible Disconnect Switch, Class J	See Switch Table on Page 7	
	FBJ	-	Fusible Disconnect Switch, Class J	See Switch Table on Page 7	
	FBL	-	Fusible Disconnect Switch, Class L	See Switch Table on Page 7	
	FSLBS	-	Load Break Disconnect Switch	65kA with fuses, 10kA without fuses	
	FSLBS	-	Load Break Disconnect Switch	65kA with fuses, 10kA without fuses	
	SC (400-600A)	-	Non-Fusible Disconnect Switch	See Switch Table on Page 7	
	SC (800-1200A)	-	Non-Fusible Disconnect Switch	See Switch Table on Page 7	
	SCV30	-	30A Non-Fusible Disconnect Switch	See Switch Table on Page 7	
	SCV (60-400A)	-	Non-Fusible Disconnect Switch	See Switch Table on Page 7	
	SX	-	Non-Fusible Disconnect Switch	See Switch Table on Page 7	
	ACC	ST	-	Surge-Trap® Surge Suppression Device	100

\*\* Quick Disconnect Version has a 10kA SCCR

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# Fuse Interrupting Rating Table

Fuseholder Type	Mersen Part Number	I.R.		
POWER FUSES	AJT	200		
	A4J	200		
	J	HSJ	200	
		A4BQ	200	
		A4BY	200	
	L	A4BT	200	
		A2D/A6D	200	
		A2K/A6K	200	
	RK1	HSRK	200	
	RK5	TR/TRS	200	
	K5	OT/OTS	50	
	H	RF/RFS	10	
	T	A3T/A6T	200	
	G	AG	100	
		ATDR	200	
		CC	ATQR	200
			ATMR	200
		ATQ	10	
		A6Y-2B	10	
		ATM	100	
TRM		10		
FSM		20		
Midget (1-1/2" x 13/32")		OTM	10	
	GGU	10		
	GFN	10*		
	A25Z-2	100		
	SBS	100		
SEMICONDUCTOR FUSES	VSP	200		
	10x38	A15QS(1-30)	100	
		A60Q(5-40)	200	
		A070gRB	160	
		URD	200	
		URD with trip indicator	50	
	URB	50		
	URL	50		
	URC	100		
	14x51	A70QS	200	
		A70P	100	
	22x58	A70QS	200	
		URD	100	
		A15QS(61-600)	100	
		A15QS(31-60)	100	
		A30QS(1-30)	200	
		A30QS(31-600)	200	
		A50QS	200	
		A50P(10-30)	100	
		A50P(35-600)	100	
Form 101		A60X(1-30)	100	
	A60X(31-600)	100		
	A70QS	200		
	A70P	100		
	A70Q	100		
	A100P	100		
	A120X	100		

\* 125VAC Rating (200A IR @ 250VAC)

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# MPDB Series: Power Distribution Blocks

## Fusing for 100 kA SCCR per UL File E 352417

Catalog Number	Overcurrent Protection Fuse Class / Max Amp Rating							SCCR RMS Sym Amps
	J	T	RK1	RK5	G	CC	L	
MPDB6210(*)	100	100	60	30	60	30	100	100,000
MPDB6213(*)	200	200	100	30	60	30	200	100,000
MPDB6214(*)	200	200	100	30	60	30	200	100,000
MPDB6215(*)	100	100	60	30	60	30	100	100,000
MPDB6216(*)	100	100	60	30	60	30	100	100,000
MPDB6217(*)	200	200	100	30	60	30	200	100,000
MPDB6219(*)	100	100	60	30	60	30	100	100,000
MPDB6220(*)	200	200	100	30	60	30	200	100,000
MPDB6221(*)	100	100	60	30	60	30	100	100,000
MPDB6310(*)	100	100	60	30	60	30	100	100,000
MPDB6313(*)	200	200	100	30	60	30	200	100,000
MPDB6314(*)	200	200	100	30	60	30	200	100,000
MPDB6315(*)	200	200	100	30	60	30	200	100,000
MPDB6316(*)	100	100	60	30	60	30	100	100,000
MPDB6319(*)	200	200	100	30	60	30	200	100,000
MPDB6600(*)	400	400	200	100	60	30	400	100,000
MPDB6601(*)	400	400	200	100	60	30	400	100,000
MPDB6602(*)	400	400	200	100	60	30	400	100,000
MPDB6605(*)	200	200	100	30	60	30	200	100,000
MPDB6611(*)	200	200	100	30	60	30	200	100,000
MPDB6620(*)	400	400	200	100	60	30	400	100,000
MPDB6621(*)	400	400	200	100	60	30	400	100,000
MPDB6622(*)	400	400	200	100	60	30	400	100,000
MPDB6623(*)	400	400	200	100	60	30	400	100,000
MPDB6624(*)	400	400	200	100	60	30	400	100,000
MPDB6625(*)	400	400	200	100	60	30	400	100,000
MPDB6626(*)	400	400	200	100	60	30	400	100,000
MPDB6627(*)	400	400	200	100	60	30	400	100,000
MPDB6640(*)	400	400	200	100	60	30	400	100,000
MPDB6641(*)	400	400	200	100	60	30	400	100,000
MPDB6642(*)	400	400	200	100	60	30	400	100,000
MPDB6643(*)	400	400	200	100	60	30	400	100,000
MPDB6645(*)	400	400	200	100	60	30	400	100,000
MPDB6646(*)	400	400	200	100	60	30	400	100,000
MPDB6648(*)	400	400	200	100	60	30	400	100,000
MPDB6649(*)	400	400	200	100	60	30	400	100,000
MPDB6651(*)	400	400	200	100	60	30	400	100,000
MPDB6652(*)	400	400	200	100	60	30	400	100,000
MPDB6653(*)	400	400	200	100	60	30	400	100,000
MPDB6654(*)	600	600	400	200	60	30	600	100,000
MPDB6655(*)	400	400	200	100	60	30	400	100,000
MPDB6656(*)	200	200	100	30	60	30	200	100,000
MPDB6657(*)	200	200	100	30	60	30	200	100,000
MPDB6658(*)	200	200	100	30	60	30	200	100,000
MPDB6659(*)	200	200	100	30	60	30	200	100,000
MPDB6661(*)	400	400	200	100	60	30	400	100,000
MPDB6662(*)	400	400	200	100	60	30	400	100,000

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# MPDB Series: Power Distribution Blocks

## Fusing for 100 kA SCCR per UL File E 352417

Catalog Number	Overcurrent Protection Fuse Class / Max Amp Rating							SCCR RMS Sym Amps
	J	T	RK1	RK5	G	CC	L	
MPDB6663(*)	400	400	200	100	60	30	400	100,000
MPDB6665(*)	400	400	200	100	60	30	400	100,000
MPDB6666(*)	400	400	200	100	60	30	400	100,000
MPDB6667(*)	400	400	200	100	60	30	400	100,000
MPDB6700(*)	400	400	200	100	60	30	400	100,000
MPDB6701(*)	400	400	200	100	60	30	400	100,000
MPDB6702(*)	400	400	200	100	60	30	400	100,000
MPDB6705(*)	200	200	100	30	60	30	200	100,000
MPDB6711(*)	200	200	100	30	60	30	200	100,000
MPDB6722(*)	400	400	200	100	60	30	400	100,000
MPDB6724(*)	400	400	200	100	60	30	400	100,000
MPDB6725(*)	400	400	200	100	60	30	400	100,000
MPDB6740(*)	400	400	200	100	60	30	400	100,000
MPDB6741(*)	400	400	200	100	60	30	400	100,000
MPDB6742(*)	400	400	200	100	60	30	400	100,000
MPDB6743(*)	400	400	200	100	60	30	400	100,000
MPDB6745(*)	400	400	200	100	60	30	400	100,000
MPDB6746(*)	400	400	200	100	60	30	400	100,000
MPDB6748(*)	400	400	200	100	60	30	400	100,000
MPDB6749(*)	400	400	200	100	60	30	400	100,000
MPDB6751(*)	400	400	200	100	60	30	400	100,000
MPDB6752(*)	600	600	400	200	60	30	600	100,000
MPDB6753(*)	400	400	200	100	60	30	400	100,000
MPDB6754(*)	600	600	400	200	60	30	600	100,000
MPDB6755(*)	400	400	200	100	60	30	400	100,000
MPDB6756(*)	200	200	100	30	60	30	200	100,000
MPDB6757(*)	200	200	100	30	60	30	200	100,000
MPDB6758(*)	200	200	100	30	60	30	200	100,000
MPDB6759(*)	200	200	100	30	60	30	200	100,000
MPDB6761(*)	400	400	200	100	60	30	400	100,000
MPDB6762(*)	400	400	200	100	60	30	400	100,000
MPDB6763(*)	400	400	200	100	60	30	400	100,000
MPDB6765(*)	400	400	200	100	60	30	400	100,000
MPDB6766(*)	400	400	200	100	60	30	400	100,000
MPDB6767(*)	400	400	200	100	60	30	400	100,000
MPDB6800(*)	600	600	400	200	60	30	600	100,000
MPDB6801(*)	600	600	400	200	60	30	600	100,000
MPDB6802(*)	600	600	400	200	60	30	600	100,000
MPDB6803(*)	600	600	400	200	60	30	600	100,000
MPDB6804(*)	600	600	400	200	60	30	600	100,000
MPDB6805(*)	400	400	200	100	60	30	400	100,000
MPDB6806(*)	400	400	200	100	60	30	400	100,000
MPDB6807(*)	400	400	200	100	60	30	400	100,000
MPDB6808(*)	400	400	200	100	60	30	400	100,000
MPDB6809(*)	600	800	600	600	60	30	800	100,000
MPDB6810(*)	600	800	600	600	60	30	800	100,000
MPDB6811(*)	600	800	600	600	60	30	800	100,000

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# MPDB Series: Power Distribution Blocks

## Fusing for 100 kA SCCR per UL File E 352417

Catalog Number	Overcurrent Protection Fuse Class / Max Amp Rating							SCCR RMS Sym Amps
	J	T	RK1	RK5	G	CC	L	
MPDB6812(*)	400	400	200	100	60	30	400	100,000
MPDB6813(*)	600	800	600	600	60	30	800	100,000
MPDB6814(*)	600	800	600	600	60	30	800	100,000
MPDB6815(*)	400	400	200	100	60	30	400	100,000
MPDB6816(*)	400	400	200	100	60	30	400	100,000
MPDB6817(*)	400	400	200	100	60	30	400	100,000
MPDB6818(*)	200	200	100	30	60	30	200	100,000
MPDB6821(*)	400	400	200	100	60	30	400	100,000
MPDB6824(*)	600	600	400	200	60	30	600	100,000
MPDB6826(*)	600	600	400	200	60	30	600	100,000
MPDB6827(*)	400	400	200	100	60	30	400	100,000
MPDB6828(*)	600	600	400	200	60	30	600	100,000
MPDB6829(*)	600	600	400	200	60	30	600	100,000
MPDB6831(*)	600	800	600	600	60	30	800	100,000
MPDB6860(*)	400	400	200	100	60	30	400	100,000
MPDB6864(*)	600	600	400	200	60	30	600	100,000
MPDB6900(*)	600	600	400	200	60	30	600	100,000
MPDB6901(*)	600	600	400	200	60	30	600	100,000
MPDB6902(*)	600	600	400	200	60	30	600	100,000
MPDB6903(*)	600	600	400	200	60	30	600	100,000
MPDB6904(*)	600	600	400	200	60	30	600	100,000
MPDB6905(*)	400	400	200	100	60	30	400	100,000
MPDB6906(*)	400	400	200	100	60	30	400	100,000
MPDB6907(*)	400	400	200	100	60	30	400	100,000
MPDB6908(*)	400	400	200	100	60	30	400	100,000
MPDB6909(*)	600	800	600	600	60	30	800	100,000
MPDB6910(*)	600	800	600	600	60	30	800	100,000
MPDB6911(*)	600	800	600	600	60	30	800	100,000
MPDB6912(*)	600	800	600	600	60	30	800	100,000
MPDB6913(*)	600	800	600	600	60	30	800	100,000
MPDB6914(*)	600	800	600	600	60	30	800	100,000
MPDB6915(*)	400	400	200	100	60	30	400	100,000
MPDB6916(*)	400	400	200	100	60	30	400	100,000
MPDB6917(*)	400	400	200	100	60	30	400	100,000
MPDB6918(*)	200	200	100	30	60	30	200	100,000
MPDB6921(*)	400	400	200	100	60	30	400	100,000
MPDB6922(*)	600	600	400	200	60	30	600	100,000
MPDB6924(*)	600	600	400	200	60	30	600	100,000
MPDB6926(*)	600	600	400	200	60	30	600	100,000
MPDB6927(*)	400	400	200	100	60	30	400	100,000
MPDB6928(*)	600	600	400	200	60	30	600	100,000
MPDB6929(*)	600	600	400	200	60	30	600	100,000
MPDB6931(*)	600	800	600	600	60	30	800	100,000
MPDB6954(*)	600	800	600	600	60	30	800	100,000
MPDB6960(*)	400	400	200	100	60	30	400	100,000
MPDB6964(*)	400	400	200	100	60	30	400	100,000
MPDB6965(*)	600	800	600	600	60	30	800	100,000

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# Finger Safe Power Distribution Blocks

## UL Approved for 100kA

- Mersen Finger-Safe PDB's meet k10A Short Circuit Current Rating (SCCR) per UL 1059  
(Reference: UL File E73571)
- Preferred by electrical panel shops to meet latest requirements of NEC and UL508a
  - SCCR Rated
  - Touch Safe
  - Wide Product Offering
  - Availability



Mersen Part No.	Amps	SCCR	WIRE RANGE		REQUIRED OVERCURRENT PROTECTION					
			Line	Load	Class J (AJT, A4J, HSJ)	Class T (A3T/A6T)	RK1 (A2D/A6D) (A2K/A6K) HSRK	RK5 (TR/TRS)	Class G (AG)	Class CC (ATDR, ATQR, ATMR)
FSPDB1A	175	100KA	2/0-#14	2/0-#14	200A	200A	200A	100A	60A	30A
FSPDB1C	175	100KA	2/0-#14	2/0-#14	200A	200A	200A	100A	60A	30A
FSPDB2A	175	100KA	2/0-#14	2/0-#14	200A	200A	200A	100A	60A	30A
FSPDB2C	175	100KA	2/0-#14	2/0-#14	200A	200A	200A	100A	60A	30A
FSPDB3A	310	100KA	350-#6 & 2/0-#14	2/0-#14	400A	400A	400A	200A	60A	30A
FSPDB3C	310	100KA	350-#6 & 2/0-#14	2/0-#14	400A	400A	400A	200A	60A	30A
FSPDB4A	355	100KA	400-#6	400-#6	400	400	200	100	60	30
FSPDB4C	355	100KA	400-#6	400-#6	600	600	600	400	60	30

FSPDB5A and FSPDB5C has a 100 kA SCCR with a A4BQ800.

## Mersen Power Distribution Blocks Circuit Breaker for Higher SCCR FSPDB

Mersen Part No.	Amps	SCCR	Wire Range		Required Overcurrent Protection		
			Line	Load	Mfg	Breaker Part No.	Max Amp
FSPDB2A	175A	18kA	2/0 - #12	#2 - #12	Square D	HDL36030	30
FSPDB2A	175A	18kA	2/0 - #12	#2 - #12	Square D	HDL36015	15
FSPDB3A	310A	18kA	3/0 - #6 (Larger input) 2/0 - #6	#2 - #12	Square D	HDL36030	30
FSPDB3A	310A	18kA	3/0 - #6 (Larger input) 2/0 - #6	#2 - #12	Square D	HDL36015	15

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# Switch SCCR Table

Mersen Part	SCCR with Fuses (kA)	Circuit Fuse Type	Max Fuse Rating (A)	SCCR without Fusing (kA peak)
SCV30	50	J or CC	30	5.5
SCV60	200	J	60	17.6
SCV100	200	J	100	17.6
SCV200	200	J	200	32
SCV400	200	J	400	40
SC400	200	J	400	48
SC600	200	J	600	48
SC800	100	L	800	75
SC1000	100	L	1000	75
SC1200	100	L	1200	75
FBCC30CDT	50	CC	30	-
FBCC30	100	CC	30	-
FBJ30CDT	50	J	30	-
FBJ30	200	J	30	-
FBJ60	200	J	60	-
FBJ100	200	J	100	-
FBJ200	200	J	200	-
FBJ400	200	J	400	-
FBJ600	200	J	600	-
FBL800	200	L	800	-
SX100	200	J	100	10kA
SX200	200	J	200	10kA
SX400	200	J	400	10kA
SXDC100	20	P100	100	10kA
SXDC200	20	P200	200	10kA
SXDC400	20	LDC	400	10kA
FSSC30	100	J	30	10kA
FSSC60	100	J	60	10kA
FSSC100	100	J	100	10kA
FBJX30_X	200	J	30	10kA
FBJ60_X	200	J	60	10kA
FBJ100_X	200	J	100	10kA
FBJ200_X	200	J	200	10kA



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*Expertise, our source of energy*

**A WORLD LEADER**  
 in safety & reliability  
 for electrical power

## A GLOBAL PLAYER

A global expert in materials and solutions for extreme environments as well as in the safety and reliability of electrical equipment, Mersen designs innovative solutions to address its

clients' specific needs to enable them to optimize their manufacturing process in sectors such as energy, transportation, electronics, chemical, pharmaceutical, and process industries.

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