

Fuses & Fusegear

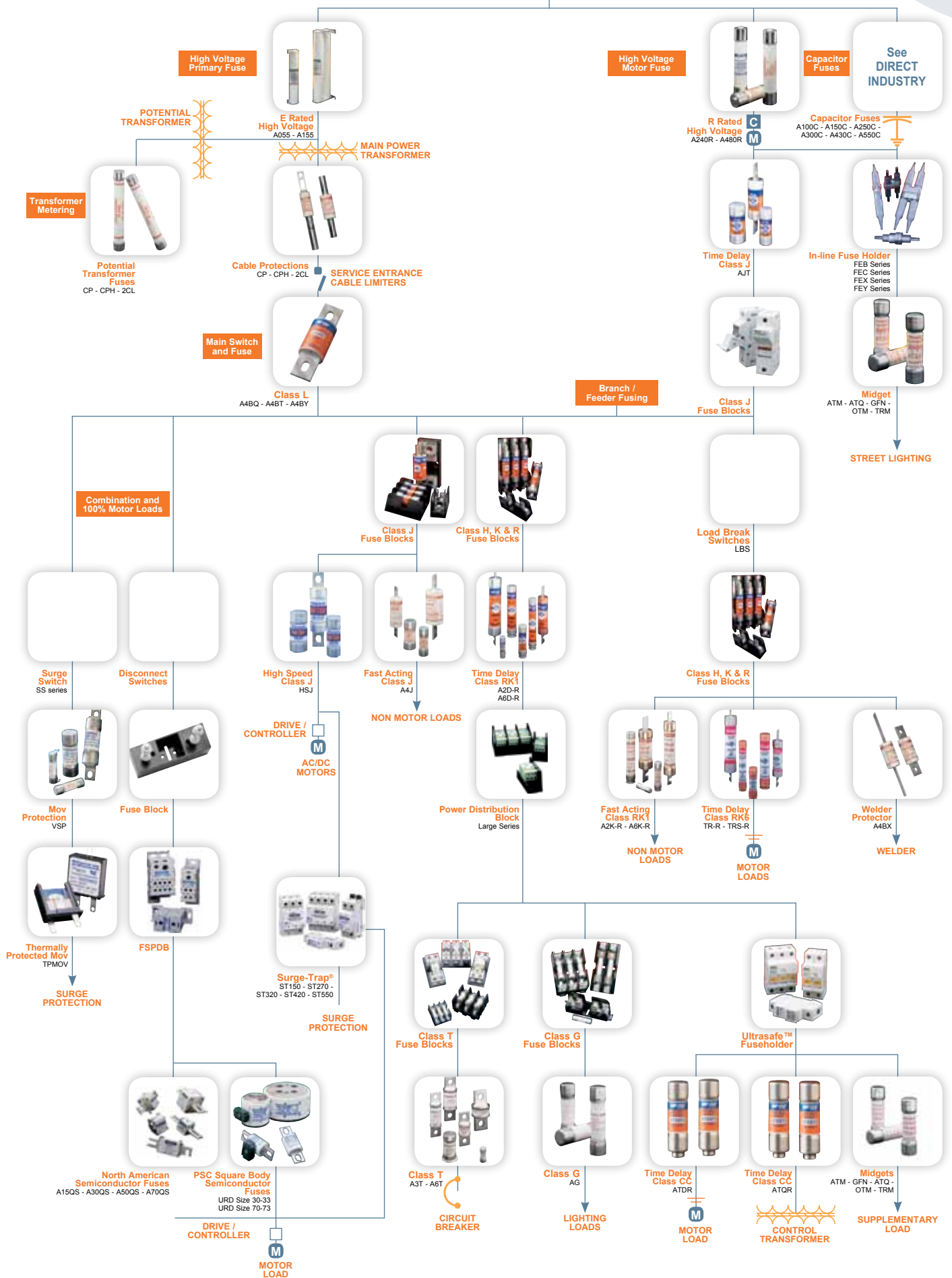
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Product Selector

Product Selector



Product Selector

Amp Trap[®] - Low Voltage

ATDR (Class CC TD) - 600VAC/300VDC



Ampere Rating	Cat. Number	Ref. Number	Packaging
1/4	ATDR1/4	W200855J	10
1/2	ATDR1/2	Q223068J	10
8/10	ATDR8/10	K201397J	10
1	ATDR1	T217275J	10
1-1/8	ATDR1-1/8	Y218820J	10
1-1/4	ATDR1-1/4	J218301J	10
1-4/10	ATDR1-4/10	K219337J	10
1-1/2	ATDR1-1/2	Y217785J	10
1-6/10	ATDR1-6/10	K219866J	10
1-8/10	ATDR1-8/10	Z222547J	10
2	ATDR2	S212168J	10
2-1/4	ATDR2-1/4	T213204J	10
2-1/2	ATDR2-1/2	J212689J	10
2-8/10	ATDR2-8/10	L213703J	10
3	ATDR3	Y215232J	10
3-2/10	ATDR3-2/10	J216254J	10
3-1/2	ATDR3-1/2	C215742J	10

Ampere Rating	Cat. Number	Ref. Number	Packaging
4	ATDR4	V217276J	10
4-1/2	ATDR4-1/2	Z217786J	10
5	ATDR5	K218302J	10
6/10	ATDR5-6/10	Z218821J	10
6	ATDR6	L219338J	10
6-1/4	ATDR6-1/4	L219867J	10
7	ATDR7	A222548J	10
7-1/2	ATDR7-1/2	R223069J	10
8	ATDR8	X200856J	10
9	ATDR9	Y201915J	10
10	ATDR10	J201396J	10
12	ATDR12	X201914J	10
15	ATDR15	V211135J	10
17-1/2	ATDR17-1/2	L211656J	10
20	ATDR20	R214214J	10
25	ATDR25	V214723J	10
30	ATDR30	G216758J	10

Ratings

- AC: 1/4 to 30A 600VAC, 200kA I.R. AC
- DC: 1/4 to 30A 300VDC, 100kA I.R. DC

Highlights

- Time Delay
- Best Choice for Small Motor Protection
- Highly Current-Limiting
- AC & DC Rated

Applications

- Small Motors
- Contactors
- Lighting, Heating and General Loads
- Branch Circuit Protector

Approvals

- UL Listed to Standard 248-4
- CSA Certified to Standard C22.2 No. 248.4
- DC Listed to UL Standard 248

ATQR (Class CC TD) - 600VAC



Ampere Rating	Cat. Number	Ref. Number	Packaging
1/10	ATQR1/10	E201921J	10
1/8	ATQR1/8	A212175J	10
15/100	ATQR15/100	S223507J	10
3/16	ATQR3/16	J222556J	10
2/10	ATQR2/10	Q216766J	10
1/4	ATQR1/4	V211664J	10
3/10	ATQR3/10	V219875J	10
4/10	ATQR4/10	D211143J	10
1/2	ATQR1/2	C211142J	10
6/10	ATQR6/10	V213711J	10
3/4	ATQR3/4	A223077J	10
8/10	ATQR8/10	L215750J	10
1	ATQR1	F218827J	10
1-1/8	ATQR1-1/8	H222555J	10
1-1/4	ATQR1-1/4	T219874J	10
1-4/10	ATQR1-4/10	Z223076J	10
1-1/2	ATQR1-1/2	T219345J	10
1-6/10	ATQR1-6/10	E200863J	10
1-8/10	ATQR1-8/10	R201403J	10
2	ATQR2	D214731J	10
2-1/4	ATQR2-1/4	K215749J	10
2-1/2	ATQR2-1/2	G215240J	10

Ampere Rating	Cat. Number	Ref. Number	Packaging
2-8/10	ATQR2-8/10	Q216260J	10
3	ATQR3	T218310J	10
3-2/10	ATQR3-2/10	V219346J	10
3-1/2	ATQR3-1/2	G218828J	10
4	ATQR4	S201404J	10
4-1/2	ATQR4-1/2	F201922J	10
5	ATQR5	W211665J	10
5-6/10	ATQR5-6/10	B212176J	10
6	ATQR6	T212698J	10
6-1/4	ATQR6-1/4	D213213J	10
7	ATQR7	B214223J	10
7-1/2	ATQR7-1/2	E214732J	10
8	ATQR8	H215241J	10
9	ATQR9	R216261J	10
10	ATQR10	S212697J	10
12	ATQR12	C213212J	10
15	ATQR15	T213710J	10
17-1/2	ATQR17-1/2	A214222J	10
20	ATQR20	D217284J	10
25	ATQR25	H217794J	10
30	ATQR30	F200864J	10

Ratings

- AC: 1/10 to 30A 600VAC, 200kA I.R. AC
- DC: 1/10 to 30 kA 300VDC, 100kA I.R. DC

Highlights

- Time Delay
- Best Choice for Small Transformer Protection
- Most Current-Limiting

Applications

- Control Transformers
- Solenoids
- Inductive Loads
- Lighting, Heating and General-purpose Loads

Approvals

- UL Listed to Standard 248-4
- CSA Certified to Standard C22.2 No. 248.4
- DC Listed to UL Standard 248

ATMR (Class CC) - 600VAC/600VDC



Ampere Rating	Cat. Number	Ref. Number	Packaging	Ampere Rating	Cat. Number	Ref. Number	Packaging
1/10	ATMR1/10	C217789J	10	3-1/2	ATMR3-1/2	Y213208J	10
1/8	ATMR1/8	P219341J	10	4	ATMR4	G215746J	10
2/10	ATMR2/10	B201918J	10	5	ATMR5	M216257J	10
1/4	ATMR1/4	C218824J	10	6	ATMR6	L216762J	10
3/10	ATMR3/10	W214218J	10	7	ATMR7	Z217280J	10
1/2	ATMR1/2	N218305J	10	8	ATMR8	D217790J	10
3/4	ATMR3/4	Z214727J	10	9	ATMR9	P218306J	10
1	ATMR1	L216256J	10	10	ATMR10	P219870J	10
1-1/4	ATMR1-1/4	Y217279J	10	12	ATMR12	D222551J	10
1-1/2	ATMR1-1/2	K216761J	10	15	ATMR15	V223072J	10
2	ATMR2	A200859J	10	20	ATMR20	Z211139J	10
2-1/2	ATMR2-1/2	N201400J	10	25	ATMR25	Q211660J	10
3	ATMR3	N212693J	10	30	ATMR30	C215236J	10

Ratings

- AC: 1/10 to 30A, 600VAC, 200kA I.R.
- DC: 1/10 to 30A, 600VDC, 100kA I.R.

Highlights

- Fast Acting
- Very Current-Limiting

Applications

- Control Circuits
- Lighting
- General Loads
- Branch Circuit Protection

Approvals

- UL Listed to Standard 248-4
- CSA Certified to Standard C22.2No. 248.4
- DC Listed to UL Standard 248

Recommended Fuse Holders with Box Connectors

Modulostar Fuse holder



Nb of pole	Cat. Number w/o indicator	Ref. Number w/o indicator	Cat. Number with indicator	Ref. Number with indicator	Nb of Mod. 17.5mm	Packaging
1			USBCC1-DC24	P303015F ¹⁾	1	12
1	USBCC1	H305033K	USBCC1I	P305039K	1	12
2	USBCC2	K305035F	USBCC2I	R305041F	2	6
3	USBCC3	L305036D	USBCC3I	S305042D	3	4
4	USBCC4	N305038C	USBCC4I	V305044C	4	3
1+N	USBCC1N	J305034F	USBCC1NI	Q305040F	2	6
3+N	USBCC3N	M305037C	USBCC3NI	T305043C	4	3


1): 24VDC LED

Accessories

Description	Cat. Number	Ref. Number	Nb of Mod. 17.5mm	Maxi. RMS current (A)	Number of poles	Packaging
Kit for Multi-Phase connection links	CMS810PAK	Z233725K				12
Lock	LOCK	M223525A				1
Tag and lockout	TAGLOCKCMS810	A235773A				1
jumping bars 1 phase size 8/10*	CMS810BB1F13	T210306J	13	63	1	10
jumping bars 2 phases size 8/10*	CMS810BB2F6	V210307J	6	63	2	10
jumping bars 3 phases size 8/10*	CMS810BB3F4	W210308J	4	100	3	10
jumping bars 4 phases size 8/10*	CMS810BB4F3	X210309J	3	100	4	10
1 phase lateral incoming power supply	TBB1C	E210316P		90		50
2 & 3 phases lateral incoming power supply	TBB23C	G210318P		90		50
1 phase axial incoming power supply	TBB1A	D210315P		90		50
2 & 3 phases axial incoming power supply	TBB23A	F210317P		90		50

Note*: It is possible to use a rigid cable 16mm² with a jumping bar 1.5mm thick.

Amp Trap[®] - Low Voltage

ULTRASAFE™ USFM Fuse holder and Fuse disconnecter  for use with class CC fuse



Nb of pole	Cat. Number	Ref. Number	Fonction Fuse Holder	Fonction Fuse Discon.	Packaging
3 poles system / 45mm width	USFMCC	P302762A	w/o Indicator		1
	USFMCCM	B302796A		w/o Indicator	1
	USFMCCI	Q302763A	with Indicator		1
	USFMCCMI	R302764A		with Indicator	1

*Fuse holder is without Prebreaking Microswitch (see accessories)
Fuse disconnecter is with mounted Prebreaking Microswitch*

Accessories



Description	Cat. Number	Ref. Number	Nb of Mod. 17.5mm	Maxi. RMS current (A)	Number of poles	Packaging
Lock	LOCK	M223525A				1
Microswitch	USFMAC11	C302797A	1		3	1
Busbar to connect 2 modules together	USFMBB2	C264042E	2		6	
Lateral incoming power supply	TBB23C	G210318P		90		50
Axial incoming power supply	TBB23A	F210317P		90		50

ATQ (Midget) - 500VAC



Ampere Rating	Cat. Number	Ref. Number	Packaging	Ampere Rating	Cat. Number	Ref. Number	Packaging
1/10	ATQ1/10	S211662J	10	2-1/2	ATQ2-1/2	N216764J	10
1/8	ATQ1/8	A213210J	10	2-8/10	ATQ2-8/10	R218308J	10
15/100	ATQ15/100	J215748J	10	3	ATQ3	G222554J	10
3/16	ATQ3/16	D201920J	10	3-2/10	ATQ3-2/10	D200862J	10
2/10	ATQ2/10	E218826J	10	3-1/2	ATQ3-1/2	Y223075J	10
1/4	ATQ1/4	Q212695J	10	4	ATQ4	T211663J	10
3/10	ATQ3/10	Q201402J	10	4-1/2	ATQ4-1/2	Z212174J	10
4/10	ATQ4/10	R212696J	10	5	ATQ5	B213211J	10
1/2	ATQ1/2	Y212173J	10	5-6/10	ATQ5-6/10	S213709J	10
6/10	ATQ6/10	F215239J	10	6	ATQ6	Z214221J	10
8/10	ATQ8/10	G217793J	10	6-1/4	ATQ6-1/4	C214730J	10
1	ATQ1	E217791J	10	7	ATQ7	P216765J	10
1-1/8	ATQ1-1/8	R219872J	10	8	ATQ8	C217283J	10
1-1/4	ATQ1-1/4	R219343J	10	9	ATQ9	S218309J	10
1-4/10	ATQ1-4/10	F222553J	10	10	ATQ10	R213708J	10
1-1/2	ATQ1-1/2	Q218307J	10	12	ATQ12	Y214220J	10
1-6/10	ATQ1-6/10	X223074J	10	14	ATQ14	B214729J	10
1-8/10	ATQ1-8/10	C200861J	10	15	ATQ15	E215238J	10
2	ATQ2	P216259J	10	20	ATQ20	S219344J	10
2-1/8	ATQ2-1/8	F217792J	10	25	ATQ25	S219873J	10
2-1/4	ATQ2-1/4	B217282J	10	30	ATQ30	B211141J	10

Ratings

AC: 1/10 to 30A, 500VAC, 10kA I.R.

Highlights

- Time Delay

Applications

- Supplemental protection of lighting, solenoid, motor, and transformer circuits

Approvals

- UL Listed to Standard 248-14
- CSA Certified to Standard C22.2 No. 248.14

Fuse Links Class CC

Fuse Links Midget fuses

ATM (Midget) - 600VAC/600VDC



Ampere Rating	Cat. Number	Ref. Number	Packaging
1/10	ATM1/10	L218303J	10
1/8	ATM1/8	M219868J	10
2/10	ATM2/10	X211137J	10
1/4	ATM1/4	M219339J	10
1/2	ATM1/2	A218822J	10
3/4	ATM3/4	W213206J	10
1	ATM1	W217277J	10
1-1/2	ATM1-1/2	A217787J	10
2	ATM2	Z201916J	10
3	ATM3	L212691J	10
4	ATM4	E215744J	10

Ratings

- AC: 1/10 to 30A, 600VAC, 100kA I.R.; 35 to 50A, 600VAC, 10kA I.R.
- DC: 1/10 to 30A, 600VDC, 100kA I.R.

Highlights

- Fast Acting
- Special Ratings (above 30A)

Ampere Rating	Cat. Number	Ref. Number	Packaging
5	ATM5	K216255J	10
6	ATM6	J216760J	10
7	ATM7	X217278J	10
8	ATM8	B217788J	10
10	ATM10	B222549J	10
12	ATM12	Y200857J	10
15	ATM15	L201398J	10
20	ATM20	N211658J	10
25	ATM25	V212170J	10
30	ATM30	N213705J	10

Applications

- Supplemental protection of a wide variety of circuits up to 600VAC and 600VDC with 100kA I.R.

Approvals

- UL Listed to Standard 248-14 (1/10 to 30A)
- DC listed to UL Standard 248-14 (1/10 to 30A)
- CSA Certified to Standard C22.2 No. 248.14 (1/10 to 30A)

TRM (Midget) - 250VAC



Ampere Rating	Cat. Number	Ref. Number	Packaging
1/10	TRM1/10	R217273J	10
15/100	TRM15/100	M223065J	10
2/10	TRM2/10	P212165J	10
1/4	TRM1/4	F218298J	10
3/10	TRM3/10	V215229J	10
4/10	TRM4/10	W217783J	10
1/2	TRM1/2	V217782J	10
6/10	TRM6/10	X222545J	10
8/10	TRM8/10	G201394J	10
1	TRM1	M214210J	10
1-1/8	TRM1-1/8	T215228J	10
1-1/4	TRM1-1/4	Q214719J	10
1-4/10	TRM1-4/10	Y215738J	10
1-6/10	TRM1-6/10	E216250J	10
1-8/10	TRM1-8/10	C216754J	10
2	TRM2	S200852J	10
2-1/4	TRM2-1/4	R211132J	10
2-1/2	TRM2-1/2	T201911J	10
2-8/10	TRM2-8/10	H211653J	10

Ratings

- AC: 1/10 to 30A, 250VAC, 10kA I.R.; 35 to 50A, 600VAC, 10kA I.R.
- DC: 1/10 to 30A, 600VDC, 100kA I.R.

Highlights

- Time Delay

Ampere Rating	Cat. Number	Ref. Number	Packaging
3	TRM3	H213700J	10
3-2/10	TRM3-2/10	R214720J	10
3-1/2	TRM3-1/2	N214211J	10
4	TRM4	F216251J	10
4-1/2	TRM4-1/2	D216755J	10
5	TRM5	G218299J	10
5-6/10	TRM5-6/10	W218818J	10
6	TRM6	H219335J	10
6-1/4	TRM6-1/4	H219864J	10
7	TRM7	N223066J	10
8	TRM8	T200853J	10
9	TRM9	V201912J	10
10	TRM10	V218817J	10
12	TRM12	G219334J	10
15	TRM15	W222544J	10
20	TRM20	F212686J	10
25	TRM25	Q213201J	10
30	TRM30	Z215739J	10

Approvals

- UL Listed to Standard 248-14 (1/10 to 30A)
- CSA Certified to Standard C22.2 No. 248.14 (1/10 to 30A)

Amp Trap[®] - Low Voltage

Recommended Fuse Blocks with Box Connectors

UltraSafe™ Fuse holder



Size	Nb of pole	Cat. Number w/o indicator	Ref. Number w/o indicator	Cat. Number with indicator	Ref. Number with indicator	Nb of Mod. 17.5mm	Packaging
10x38	N	US10N	H305056K	US10NI		1	12
10x38	1	US101	B305050K	US101I	J305057K	1	12
10x38	1			US101I-AC120	R303017K	1	12
10x38	1			US101I-DC24P(1)	Q303016K	1	12
10x38	1+N	US101N	C305051F	US101NI	K305058F	2	6
10x38	2	US102	D305052F	US102I	L305059F	2	6
10x38	3	US103	E305053D	US103I	M305060D	3	4
10x38	3+N	US103N	F305054C	US103NI	N305061C	4	3
10x38	4	US104	G305055C	US104I	P305062C	4	3

(1) 1 LED 24VDC for 1 polarity

Accessories for US10

Description	Cat. Number	Ref. Number	Nb of Mod. 17.5mm	Maxi. RMS current (A)	Number of poles	Packaging
Kit for Multi-Phase connection links	CMS810PAK	Z233725K				12
Lock	LOCK	M223525A				1
Tag and lockout	TAGLOCKCMS810	A235773A				1
Jumping bars 1 phase size 8/10*	CMS810BB1F13	T210306J	13	63	1	10
Jumping bars 2 phases size 8/10*	CMS810BB2F6	V210307J	6	63	2	10
Jumping bars 3 phases size 8/10*	CMS810BB3F4	W210308J	4	100	3	10
Jumping bars 4 phases size 8/10*	CMS810BB4F3	X210309J	3	100	4	10
1 phase lateral incoming power supply	TBB1C	E210316P		90		50
2 & 3 phases lateral incoming power supply	TBB23C	G210318P		90		50
1 phase axial incoming power supply	TBB1A	D210315P		90		50
2 & 3 phases axial incoming power supply	TBB23A	F210317P		90		50

Note*: It is possible to use a rigid cable 16mm² with a jumping bar 1.5mm thick.

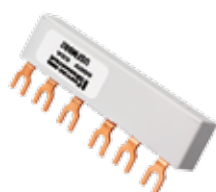
UltraSafe™ USFMM Fuse holder and Fuse disconnecter



Cat. Number	Description
USFM10	3 pole fuse module
USFM10I	3 pole fuse module with indicators
USFM10M	3 pole fuse module with microswitch style auxiliary contact
USFM10MI	3 pole fuse module with microswitch style auxiliary contact and indicators

Pack: 1 piece
 Fuse holder is without Prebreaking Microswitch
 (see accessories)
 Fuse disconnecter is with mounted Prebreaking
 Microswitch

Accessories



Description	Cat. Number	Ref. Number	Number of systems interconnected	Maxi. RMS current (A)	Number of poles	Packaging
Lock	LOCK	M223525A				1
Microswitch	USFMAC11	C302797A	1		3	1
Additional Neutral			1			
Busbar to connect 2 modules together	USFMBB2		2		6	
Lateral incoming power supply	TBB23C	G210318P		90		50
Axial incoming power supply	TBB23A	F210317P	1	90		50

A4J (Class J Fast Acting) - 600VAC / 300VDC



Ampere Rating	Cat. Number	Ref. Number	Packaging
1	A4J1	V217299J	10
3	A4J3	J219888J	10
6	A4J6	T211157J	10
10	A4J10	Z217809J	10
15	A4J15	K218325J	10
20	A4J20	X218842J	10
25	A4J25	L219361J	10
30	A4J30	A222571J	10
35	A4J35	Q223091J	10
40	A4J40	X200879J	10
45	A4J45	J201419J	10
50	A4J50	X201937J	10
60	A4J60	M211680J	10
70	A4J70	H212711J	5
80	A4J80	J213724J	5

Ampere Rating	Cat. Number	Ref. Number	Packaging
90	A4J90	R214237J	5
100	A4J100	N223089J	5
110	A4J110	V200877A	1
125	A4J125	V201935A	1
150	A4J150	R211155A	1
175	A4J175	Q212189A	1
200	A4J200	G212710A	1
225	A4J225	X215254A	1
250	A4J250	T217298A	1
300	A4J300	K219360A	1
350	A4J350	H219887A	1
400	A4J400	Z222570A	1
450	A4J450	W200878A	1
500	A4J500	W201936A	1
600	A4J600	S211156A	1

Ratings

- AC: 1 to 600A
600VAC, 200kA I.R.
- DC: 1 to 600A
300VDC, 100kA I.R.

Highlights

- Fast Acting
- Very Current-Limiting
- DC Ratings

Applications

- Capacitors
- Loadcenters
- Panelboards
- Switchboards
- Bus Duct
- Feeder Circuits
- Circuit Breakers
- Lighting, Heating, and General Loads

Approvals

- UL Listed to Standard 248-8.
- CSA Certified to Standard C22.2 No. 248.8
- DC Tested to UL248L limits
- IEC 269-2-1

Amp Trap[®] - Low Voltage

AJT (Class J TD) - 600VAC/500VDC



AMP-TRAP 2000



**Smart Spot Indicator
finding an
open fuse is faster
than ever!**

Ampere Rating	Cat. Number	Ref. Number	Packaging
1	AJT1	X214748J	10
1-1/4	AJT1-1/4	C215765J	10
1-1/2	AJT1-1/2	B215258J	10
1-6/10	AJT1-6/10	G216275J	10
1-8/10	AJT1-8/10	H216782J	10
2	AJT2	P219364J	10
2-1/4	AJT2-1/4	A200882J	10
2-1/2	AJT2-1/2	T223094J	10
2-8/10	AJT2-8/10	M201422J	10
3	AJT3	Q211683J	10
3-2/10	AJT3-2/10	L212714J	10
3-1/2	AJT3-1/2	W212194J	10
4	AJT4	W214241J	10
4-1/2	AJT4-1/2	Y214749J	10
5	AJT5	H216276J	10
5-6/10	AJT5-6/10	J216783J	10
6	AJT6	D217813J	10
6-1/4	AJT6-1/4	P218329J	10
7	AJT7	Q219365J	10
8	AJT8	M219891J	10
9	AJT9	D222574J	10
10	AJT10	Y217302J	10
12	AJT12	C217812J	10
15	AJT15	N218328J	10
17-1/2	AJT17-1/2	A218845J	10

Ampere Rating	Cat. Number	Ref. Number	Packaging
20	AJT20	Z201939J	10
25	AJT25	X211160J	10
30	AJT30	W213229J	10
35	AJT35	M213727J	10
40	AJT40	C215259J	10
45	AJT45	D215766J	10
50	AJT50	Z217303J	10
60	AJT60	B218846J	10
70	AJT70*	L201421E*	5
80	AJT80*	W211159E*	5
90	AJT90*	V212193E*	5
100	AJT100*	B215764E*	5
110	AJT110*	F216780A*	1
125	AJT125*	A217810A*	1
150	AJT150*	Y218843A*	1
175	AJT175*	K219889A*	1
200	AJT200*	Y200880A*	1
225	AJT225*	V211158A*	1
250	AJT250*	K212713A*	1
300	AJT300*	L213726A*	1
350	AJT350*	W214747A*	1
400	AJT400*	G216781A*	1
450	AJT450*	M218327A*	1
500	AJT500*	N219363A*	1
600	AJT600*	C222573A*	1

*For optional indicator/switch mount add EI.

For Example: AJT100EI. See table below

Note: Indicator not available for rating 1A to 7A.

Ratings

- AC: 1 to 600A, 600VAC, 200kA I.R. (self certified for 600VAC, 300kA I.R., UL witnessed)
- DC: 1 to 600A, 500VDC, 100kA I.R.

Highlights

- Smart Spot Indicator
- Time Delay
- Highly Current Limiting
- DC Ratings
- Optional Mechanical Indicator (70 to 600A fuses)

Applications

- Motor Circuits
- Mains
- Feeders
- Branch Circuits
- Lighting, Heating and General Loads
- Transformers
- Control Panels
- Circuit Breaker Back-up
- Bus Duct
- Load Centers

Approvals

AJT (1-600):

- UL Listed to Standard 248-8
- DC Listed to UL Standard 248
- CSA Certified to Standard C22.2 No. 248.8
- IEC 269-2-1

AJT (70-600) EI:

- UL Component Recognized
- DC Tested to UL Standard 248

HSJ (High Speed Class J) - 600VAC



Ampere Rating	Cat. Number	Ref. Number	Packaging
1	HSJ1	P1026572J	10
3	HSJ3	Q1026573J	10
6	HSJ6	W1014365J	10
10	HSJ10	R1010520J	10
15	HSJ15	D235868J	10
20	HSJ20	F235870J	10
25	HSJ25	G235871J	10
30	HSJ30	H235872J	10
35	HSJ35	J235873J	10
40	HSJ40	K235874J	10
45	HSJ45	L235875J	10
50	HSJ50	M235876J	10
60	HSJ60	N235877J	10
70	HSJ70	P235878E	5
80	HSJ80	Q235879E	5

Ampere Rating	Cat. Number	Ref. Number	Packaging
90	HSJ90	R235880E	5
100	HSJ100	S235881E	5
110	HSJ110	T235882A	1
125	HSJ125	V235883A	1
150	HSJ150	X235885A	1
175	HSJ175	Y235886A	1
200	HSJ200	Z235887A	1
225	HSJ225	A235888A	1
250	HSJ250	B235889A	1
300	HSJ300	C235890A	1
350	HSJ350	D235891A	1
400	HSJ400	E235892A	1
500	HSJ500	F235893A	1
600	HSJ600	G235894A	1

Ratings

- AC: 15-600A, 600VAC, 200kA I.R., 300kA I.R. Self Certified
- DC: 15-600A, 500VDC, 100kA I.R., L/R 10mS

Highlights

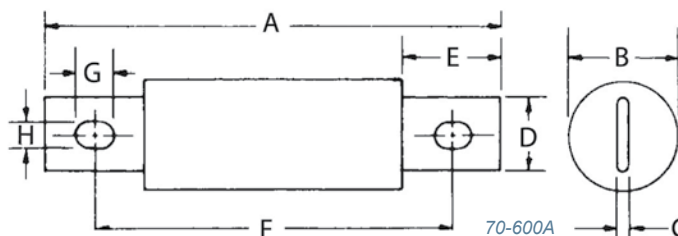
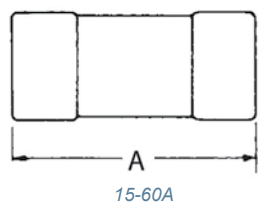
- Current-Limiting
- AC & DC Ratings
- Low I²t
- Compact Size

Applications

- Branch Circuits
- Control Panels
- Electronic Motor
- Controllers
- Phase Controllers
- Drives
- Soft-Starters
- Solid State Relays

Approvals

- UL Listed to Standard 248-8
- DC Listed to UL248-8
- CSA Certified to Standard C22.2 No. 248.8



Ampere Rating	A		B		C		D		E		F		G		H	
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm
15-30	2-1/4	57	13/16	21	-	-	-	-	-	-	-	-	-	-	-	-
31-60	2-3/8	60	1-1/16	27	-	-	-	-	-	-	-	-	-	-	-	-
61-100	4-4/8	117	1-1/8	29	1/8	3.2	3/4	19	1	25	3-5/8	92	3/8	10	9/32	7
101-200	5-3/4	146	1-5/8	41	3/16	4.8	1-1/8	29	1-3/8	35	4-3/8	111	3/8	10	9/32	7
201-400	7-1/8	181	2-1/8	54	1/4	6.3	1-5/8	41	1-7/8	48	5-1/4	133	17/32	13	13/32	10
401-600	8	203	2-1/2	64	3/8	9.5	2	51	2-1/8	54	6	152	11/16	18	17/32	13

Recommended Fuse Blocks with Box Connectors for Class J



Ampere Rating	Cat. Number 1 pole	Ref. Number 1 pole	Packaging	Cat. Number 3 pole	Ref. Number 3 pole	Packaging
0-30	US3J1I	M212922F	6	US3J3I	K214967B	2
31-60	US6J1I	F222047F	6	US6J3I	M211381B	2
61-100	61036J	Z201640C	3	61038J	G212917A	1
101-200	62001J	D214455A	1	62003J	E214962A	1
201-400	64031J	X218543A	1	64033J	S219068A	1
401-600	6631J	P201125A	1	6633J	A201641A	1

Amp Trap[®] - Low Voltage

A2D 250V and A6D 600V (Class RK1 TD)

Fuse Links Class RK1

Ampere Rating	Cat. Number		Ref. Number		Packaging
	250V	600V	250V	600V	
1/10	A2D1/10R	A6D1/10R	Q215248J	R201932J	10
15/100	A2D15/100R	A6D15/100R	M217292J	D212707J	10
2/10	A2D2/10R	A6D2/10R	J223085J	C216271J	10
3/10	A2D3/10R	A6D3/10R	K212184J	G219357J	10
4/10	A2D4/10R	A6D4/10R	N214740J	E201415J	10
1/2	A2D1/2R	A6D1/2R	T215757J	P211153J	10
6/10	A2D6/10R	A6D6/10R	R218837J	N214234J	10
8/10	A2D8/10R	A6D8/10R	Q200873J	D216778J	10
1	A2D1R	A6D1R	Q218836J	M214233J	10
1-1/8	A2D1-1/8R	A6D1-1/8R	K213219J	V222566J	10
1-1/4	A2D1-1/4R	A6D1-1/4R	A212704J	D219883J	10
1-4/10	A2D1-4/10R	A6D1-4/10R	B213717J	L223087J	10
1-6/10	A2D1-6/10R	A6D1-6/10R	J214230J	R200874J	10
1-8/10	A2D1-8/10R	A6D1-8/10R	M214739J	D201414J	10
2	A2D2R	A6D2R	P201930J	V217805J	10
2-1/4	A2D2-1/4R	A6D2-1/4R	C219882J	T215251J	10
2-1/2	A2D2-1/2R	A6D2-1/2R	D219354J	Q214742J	10
2-8/10	A2D2-8/10R	A6D2-8/10R	S222564J	X215760J	10
3	A2D3R	A6D3R	C213718J	M223088J	10
3-2/10	A2D3-2/10R	A6D3-2/10R	E211673J	T218839J	10
3-1/2	A2D3-1/2R	A6D3-1/2R	M211515J	F218321J	10
4	A2D4R	A6D4R	A216269J	H211676J	10
4-1/2	A2D4-1/2R	A6D4-1/2R	K214231J	S200875J	10
5	A2D5R	A6D5R	S217803J	P213223J	10
5-6/10	A2D5-6/10R	A6D5-6/10R	A216775J	N212187J	10
6	A2D6R	A6D6R	T222565J	V215252J	10
6-1/4	A2D6-1/4R	A6D6-1/4R	D218319J	F213721J	10
7	A2D7R	A6D7R	K223086J	Y215761J	10
8	A2D8R	A6D8R	C201413J	R217296J	10
9	A2D9R	A6D9R	Q201931J	W217806J	10

Ampere Rating	Cat. Number		Ref. Number		Packaging
	250V	600V	250V	600V	
10	A2D10R	A6D10R	Z216268J	G211675J	10
12	A2D12R	A6D12R	Z216774J	M212186J	10
15	A2D15R	A6D15R	R217802J	N213222J	10
17-1/2	A2D17-1/2R	A6D17-1/2R	C218318J	E213720J	10
20	A2D20R	A6D20R	P200872J	C216777J	10
25	A2D25R	A6D25R	B201412J	Q217295J	10
30	A2D30R	A6D30R	B212705J	E219884J	10
35	A2D35R	A6D35R	L213220J	W222567J	10
40	A2D40R	A6D40R	R215249J	S201933J	10
45	A2D45R	A6D45R	Y215758J	Q211154J	10
50	A2D50R	A6D50R	N217293J	E212708J	10
60	A2D60R	A6D60R	E219355J	R214743J	10
70	A2D70R	A6D70R	N201929E	E218320E	5
75	A2D75R	A6D75R	L211150E	-	5
80	A2D80R	A6D80R	D211672E	S218838E	5
90	A2D90R	A6D90R	J212183E	F219356E	5
100	A2D100R	A6D100R	P215247E	N211152E	5
110	A2D110R	A6D110R	S215756A	F211674A	1
125	A2D125R	A6D125R	Y216267A	L212185A	1
150	A2D150R	A6D150R	Y216773A	C212706A	1
175	A2D175R	A6D175R	L217291A	M213221A	1
200	A2D200R	A6D200R	Q217801A	D213719A	1
225	A2D225R	A6D225R	B218317A	L214232A	1
250	A2D250R	A6D250R	P218835A	P214741A	1
300	A2D300R	A6D300R	C219353A	S215250A	1
350	A2D350R	A6D350R	B219881A	W215759A	1
400	A2D400R	A6D400R	R222563A	B216270A	1
450	A2D450R	A6D450R	H223084A	B216776A	1
500	A2D500R	A6D500R	N200871A	P217294A	1
600	A2D600R	A6D600R	A201411A	T217804A	1



**Smart Spot Indicator
finding an open fuse
is faster than ever!**

Ratings

- A2D AC: 1/10 to 600A 250VAC, 200kA I.R. (self certified for 250VAC, 300kA I.R., UL witnessed)
- A6D AC: 1/10 to 600A 600VAC, 200kA I.R. (self certified for 600VAC, 300kA I.R.)

Highlights

- SmartSpot Indicator
- Time Delay
- Current Limiting
- Plated Terminals

Applications

- Motors
- Safety Switches
- Transformers
- Branch Circuit Protection
- Disconnects
- Control Panels
- All General-purpose Circuits

Approvals

- UL Listed to Standard 248-12
- CSA Certified to Standard C22.2 No. 248.12

Recommended Fuse Blocks with Box Connectors for Class RK1



Voltage (VAC)	Ampere Rating	Cat. Number 1 pole	Ref. Number 1 pole	Cat. Number 3 pole	Ref. Number 3 pole
250V	0-30	20306R	T213411J	20308R	K215956E
250V	31-60	20606R	B212383J	20608R	E214939E
250V	61-100	21036R	D201621C	21038R	M212899A
250V	101-200	22001R	R213915A	22003R	G214941A
250V	201-400	24001R	J219566A	24003R	D222022A
250V	401-600	2631R	H214942A	2633R	P215960B

Voltage (VAC)	Ampere Rating	Cat. Number 1 pole	Ref. Number 1 pole	Cat. Number 3 pole	Ref. Number 3 pole
600V	0-30	60306R	H212389J	60308R	K214438E
600V	31-60	60606R	K212391J	60608R	M214440E
600V	61-100	61036R	W204788C	61038R	Z211875A
600V	101-200	62001R	V212906A	62003R	B213924A
600V	201-400	64001R	D219055A	64003R	M222030A
600V	401-600	6631R	J216990A	6633R	E218021A

Amp Trap[®] - Low Voltage - Tri Onic

TR 250V and TRS 600V (Class RK5 TD)

Ampere Rating	250V		600V		Packaging	Ampere Rating	250V		600V		Packaging
	Cat. Num.	Ref. Num.	Cat. Num.	Ref. Num.			Cat. Num.	Ref. Num.	Cat. Num.	Ref. Num.	
1/10	TR1/10R	F222530J	TRS1/10R	W216748J	10	35	TR35R	X1027062J	TRS35R	P1027078J	10
2/10	TR2/10R	Z214198J	TRS2/10R	X216749J	10	35	TR35RID	F218804J	TRS35RID	J214207J	10
3/10	TR3/10R	C217260J	TRS3/10R	J212160J	10	40	TR40R	Y1027063J	TRS40R	Q1027079J	10
4/10	TR4/10R	Z223053J	TRS4/10R	Y216750J	10	40	TR40RID	E200840J	TRS40RID	Q217778J	10
1/2	TR1/2R	Y223052J	TRS1/2R	N217776J	10	45	TR45R	Z1027064J	TRS45R	R1027080J	10
6/10	TR6/10R	R216238J	TRS6/10R	L213197J	10	45	TR45RID	F201899J	TRS45RID	Q218813J	10
8/10	TR8/10R	T219322J	TRS8/10R	R217779J	10	50	TR50R	B1027066J	TRS50R	S1027081J	10
1	TR1R	Z212151J	TRS1R	H212159J	10	50	TR50RID	B213188J	TRS50RID	D201391J	10
1-1/8	TR1-1/8R	Q218284J	TRS1-1/8R	G212158J	10	60	TR60R	C1027067J	TRS60R	T1027082J	10
1-1/4	TR1-1/4R	E217768J	TRS1-1/4R	J211125J	10	60	TR60RID	P216742J	TRS60RID	M214716J	10
1-4/10	TR1-4/10R	E218803J	TRS1-4/10R	H213194J	10	70	TR70R	A1027111E	TRS70R	E1027115E	5
1-6/10	TR1-6/10R	R219320J	TRS1-6/10R	G214205J	10	70	TR70RID	Q219848E	TRS70RID	Y213691E	5
1-8/10	TR1-8/10R	S219850J	TRS1-8/10R	R215732J	10	75	TR75RID	E222529E	TRS75RID	P215730E	5
2	TR2R	J215725J	TRS2R	Q222539J	10	80	TR80R	B1027112E	TRS80R	F1027116E	5
2-1/4	TR2-1/2R	Q212672J	-	-	10	80	TR80RID	W223050E	TRS80RID	W216242E	5
2-1/2	TR2-8/10R	S213686J	TRS2-1/2R	J213195J	10	90	TR90R	C1027113E	TRS90R	G1027117E	5
2-8/10	TR3R	T219851J	TRS2-8/10R	S215733J	10	90	TR90RID	B200837E	TRS90RID	L217774E	5
3	TR3-2/10R	N216741J	TRS3R	P215224J	10	100	TR100R	D1027114E	TRS100R	H1027118E	5
3-2/10	TR3-1/2R	Q216237J	TRS3-2/10R	N201906J	10	100	TR100RID	K216738E	TRS100RID	D214202E	5
3-1/2	TR4R	A212152J	TRS3-1/2R	M200847J	10	110	TR110R	V1027083A	TRS110R	L1027098A	1
4	TR4-1/2R	G222531J	TRS4R	D219860J	10	110	TR110RID	B218800A	TRS110RID	K215220A	1
4-1/2	TR5R	E214709J	TRS4-1/2R	A216246J	10	125	TR125R	W1027084A	TRS125R	M1027099A	1
5	TR5-6/10R	R212673J	TRS5R	M211128J	10	125	TR125RID	N219317A	TRS125RID	N215729A	1
5-6/10	TR6R	S218286J	TRS5-6/10R	H223061J	10	150	TR150R	Z1027087A	TRS150R	N1027100A	1
6	TR6R	S218286J	TRS6R	V215735J	10	150	TR150RID	P219847A	TRS150RID	S216745A	1
6-1/4	-	-	TRS6-1/4R	K212161J	10	175	TR175R	A1027088A	TRS175R	P1027101A	1
7	TR7R	G218805J	TRS7R	Z216751J	10	175	TR175RID	D222528A	TRS175RID	K217773A	1
8	TR8R	M1027053J	TRS8R	E1027069J	10	200	TR200R	B1027089A	TRS200R	Q1027102A	1
8	TR8RID	V219852J	TRS8RID	R218814J	10	200	TR200RID	V223049A	TRS200RID	K218808A	1
9	TR9R	N1027054J	TRS9R	F1027070J	10	225	TR225R	C1027090A	TRS225R	R1027103A	1
9	TR9RID	H222532J	TRS9RID	S222541J	10	225	TR225RID	A200836A	TRS225RID	Y219855A	1
10	TR10R	P1027055J	TRS10R	G1027071J	10	250	TR250R	D1027091A	TRS250R	S1027104A	1
10	TR10RID	D200839J	TRS10RID	N218811J	10	250	TR250RID	P201378A	TRS250RID	L222535A	1
12	TR12R	Q1027056J	TRS12R	H1027072J	10	300	TR300R	E1027092A	TRS300R	T1027105A	1
12	TR12RID	S201381J	TRS12RID	B219858J	10	300	TR300RID	B201895A	TRS300RID	J200844A	1
15	TR15R	R1027057J	TRS15R	J1027073J	10	350	TR350R	F1027093A	TRS350R	V1027106A	1
15	TR15RID	D211120J	TRS15RID	B201389J	10	350	TR350RID	A211117A	TRS350RID	J201902A	1
17-1/2	TR17-1/2R	S1027058J	TRS17-1/2R	K1027074J	10	400	TR400R	G1027094A	TRS400R	W1027107A	1
17-1/2	TR17-1/2RID	S211639J	TRS17-1/2RID	K211126J	10	400	TR400RID	P211636A	TRS400RID	G211123A	1
20	TR20R	T1027059J	TRS20R	L1027075J	10	450	TR450R	H1027095A	TRS450R	X1027108A	1
20	TR20RID	D214708J	TRS20RID	P217777J	10	450	TR450RID	N218282A	TRS450RID	E212156A	1
25	TR25R	V1027060J	TRS25R	M1027076J	10	500	TR500R	J1027096A	TRS500R	Y1027109A	1
25	TR25RID	G215217J	TRS25RID	B219329J	10	500	TR500RID	C218801A	TRS500RID	W212677A	1
30	TR30R	W1027061J	TRS30R	N1027077J	10	600	TR600R	K1027097A	TRS600R	Z1027110A	1
30	TR30RID	F217769J	TRS30RID	K213196J	10	600	TR600RID	P219318A	TRS600RID	F213192A	1

ID = optional blow fuse indicator.



Ratings:

TR-R

Volts : 250VAC
 : 250VDC (.1-2.8A; 35-400A)
 : 160VDC (3-30A; 450-600A)
Amps : 1/10 to 600A
IR : 200kA I.R. AC / 20kA I.R. DC

TRS-R

Volts : 600VAC
 : 600VDC (.1-12A; 70-600A)
 : 300VDC (15-60A)
Amps : 1/10 to 600A
IR : 200kA I.R. AC
 : 1/10A to 60A -> I.R. 20kA
 : 70A to 600A -> I.R. 100kA

Applications:

- Motor circuits
- Mains
- Feeders
- Branch circuits
- Transformers
- Service entrance equipment
- General-purpose equipment

Highlights:

- Time-delay
- Current-limiting
- AC & DC rated

Approvals:

- UL listed to standard 248-12 File E2137
- CSA certified to standard C22.2 no. 248.12
- DC listed to UL standard 248 TRS only

Amp Trap[®] - Low Voltage - Tri Onic

TRS - RDC (Class RK5)

1 to 30A: 300VDC - 35 to 400A: 600VDC



Fuse Links Class RK5

Ampere Rating	Cat. Number	Ref. Number	Packaging
1/10	TRS1/10DC	K217267A	1
15/100	TRS15/100DC	L200846A	1
2/10	TRS2/10DC	L217268A	1
3/10	TRS3/10DC	A212681A	1
4/10	TRS4/10DC	M217269A	1
1/2	TRS1/2DC	Z218292A	1
6/10	TRS6/10DC	D213696A	1
8/10	TRS8/10DC	C218295A	1
1	TRS1RDC	Z212680A	1
1-1/8	TRS1-1/8DC	Y212679A	1
1-1/4	TRS1-1/4DC	A213693A	1
1-1/6	TRS1-1/6DC	S214205A	1
1-8/10	TRS1-1/8DC	Y216244A	1
2	TRS2RDC	G223060A	1
2-1/8	TRS2-1/8DC	Z216245A	1
2-1/4	TRS2-1/4DC	K214714A	1
2-1/2	TRS2-1/2DC	B213694A	1
3	TRS3RDC	T215734A	1
5	TRS5RDC	D211649A	1
6	TRS6RDC	B216247A	1
8	TRS8RDC	E219861A	1

Ampere Rating	Cat. Number	Ref. Number	Packaging
10	TRS10RDC	A219328A	1
12	TRS12RDC	P222538A	1
15	TRS15RDC	M201905J	10
20	TRS20RDC	P218812J	10
30	TRS30RDC	C213695J	10
35	TRS35RDC	L214715J	10
40	TRS40RDC	B218294J	10
45	TRS45RDC	C219330J	10
50	TRS50RDC	P201907J	10
60	TRS60RDC	Q215225J	10
70	TRS70RDC	E214203E	5
80	TRS80RDC	H217265E	5
90	TRS90RDC	X218290E	5
100	TRS100RDC	G214711E	5
125	TRS125RDC	V216241A	1
150	TRS150RDC	G217264A	1
175	TRS175RDC	W218289A	1
200	TRS200RDC	X219325A	1
250	TRS250RDC	D223057A	1
300	TRS300RDC	Y201386A	1
400	TRS400RDC	Y211644A	1

Ratings

- DC: 1 to 30A 300VDC, 20kA I.R. (Consult Factory for Availability)
- DC: 35 to 400A 600VDC, 20kA I.R.

Highlights

- Time Delay
- DC Rated

Applications

- Mine Circuits
- Trailing Cables
- Pump Motors
- Rail Heaters

Approvals

- MSHA Approval No. 28-26-0

Recommended Fuse Blocks with Box Connectors for Class RK5



Ampere Rating	Cat. Number 1 pole	Ref. Number 1 pole	Packaging	Cat. Number 3 pole	Ref. Number 3 pole	Packaging
0-30	20306R	T213411J	10	20308R	K215956E	5
31-60	20606R	B212383J	10	20608R	E214939E	5
61-100	21036R	D201621C	3	21038R	M212899A	1
101-200	22001R	R213915A	1	22003R	G214941A	1
201-400	24001R	J219566A	1	24003R	D222022A	1
401-600	2631R	H214942A	1	2633R	P215960B	2

Ampere Rating	Cat. Number 1 pole	Ref. Number 1 pole	Packaging	Cat. Number 3 pole	Ref. Number 3 pole	Packaging
0-30	60306R	H212389J	10	60308R	K214438E	5
31-60	60606R	K212391J	10	60608R	M214440E	5
61-100	61036R	W204788C	3	61038R	Z211875A	1
101-200	62001R	V212906A	1	62003R	B213924A	1
201-400	64001R	D219055A	1	64003R	M222030A	1
401-600	6631R	J216990A	1	6633R	E218021A	1

Amp Trap[®] - Low Voltage

A4BQ (Class L TD) - 600VAC/500VDC



Ampere Rating	Cat. Number	Ref. Number	Packaging	Ampere Rating	Cat. Number	Ref. Number	Packaging
100	A4BQ100	J215771A	1	900	A4BQ900	W219899A	1
150	A4BQ150	X218336A	1	1000	A4BQ1000	P216282A	1
200	A4BQ200	L222581A	1	1200	A4BQ1200	R216790A	1
250	A4BQ250	H200889A	1	1350	A4BQ1350	G217310A	1
300	A4BQ300	F201945A	1	1400	A4BQ1400	L217820A	1
350	A4BQ350	Y211690A	1	1500	A4BQ1500	J218853A	1
400	A4BQ400	E213237A	1	1600	A4BQ1600	Y219372A	1
450	A4BQ450	D214248A	1	1800	A4BQ1800	V219898A	1
500	A4BQ500	F214756A	1	2000	A4BQ2000	B223101A	1
600	A4BQ600	K215772A	1	2500	A4BQ2500	V201429A	1
601	A4BQ601	H217311A	1	3000	A4BQ3000	F211168A	1
650	A4BQ650	M217821A	1	3500	A4BQ3500	E212202A	1
700	A4BQ700	Y218337A	1	4000	A4BQ4000	W213735A	1
750	A4BQ750	K218854A	1	5000	A4BQ5000	K215266A	1
800	A4BQ800	Z219373A	1	6000	A4BQ6000	Q216283A	1

Ratings

- AC: 100 to 6000A 600VAC, 200k A I.R. (self certified for 600VAC, 300kA I.R., UL witnessed) 4-second delay at 500% rating
- Note: 100-600A ratings are non-listed
- DC: 601 to 3000A 500VDC, 100kA I.R.

Highlights

- Time Delay
- Industry's Most Current-Limiting Class L Fuse
- Pure Silver Elements
- AC & DC Rated

Applications

- Mains, Feeders
- Large Motors

- Lighting, Heating and General Loads
- Circuit Breaker Back-up
- DC Rated: UPS DC Links, Battery Disconnects, other DC Applications

- DC Listed to UL Standard 198L (601-3000A)
- CSA Certified to Standard C22.2 No. 248.10 (601-6000A)

Approvals

- UL Listed to Standard 248-10 (601-6000A)

A3T 300V and A6T 600V (Class T Fast Acting)



Ampere Rating	250V		600V		Pack.	Ampere Rating	250V		600V		Pack.
	Cat. Num.	Ref. Num.	Cat. Num.	Ref. Num.			Cat. Num.	Ref. Num.	Cat. Num.	Ref. Num.	
1	A3T1	Q212212J	A6T1	L219384J	10	110	A3T110	G218345A	A6T110	K219383A	1
3	A3T3	R214766J	A6T3	H201441J	10	125	A3T125	H219381A	A6T125	F219908A	1
6	A3T6	Y217831J	A6T6	S213249J	10	150	A3T150	D219906A	A6T150	Y222592A	1
10	A3T10	E212731J	A6T10	G219909J	10	175	A3T175	W222590A	A6T175	N223112A	1
15	A3T15	Q213247J	A6T15	Z222593J	10	200	A3T200	L223110A	A6T200	V200900A	1
20	A3T20	G213745J	A6T20	P223113J	10	225	A3T225	S200898A	A6T225	G201440A	1
25	A3T25	P214258J	A6T25	W200901J	10	250	A3T250	E201438A	A6T250	Q201954A	1
30	A3T30	V215275J	A6T30	R201955J	10	300	A3T300	N201952A	A6T300	S211179A	1
35	A3T35	W215782J	A6T35	T211180J	10	350	A3T350	Q211177A	A6T350	K211701A	1
40	A3T40	B216293J	A6T40	L211702J	10	400	A3T400	H211699A	A6T400	R212213A	1
45	A3T45	C216800J	A6T45	S212214J	10	450	A3T450	P212211A	A6T450	F212732A	1
50	A3T50	T217321J	A6T50	G212733J	10	500	A3T500	D212730A	A6T500	R213248A	1
60	A3T60	J218347J	A6T60	J213747J	10	600	A3T600	P213246A	A6T600	H213746A	1
70	A3T70	F213744E	A6T70	Q214259E	5	700	A3T700	N214257A	A6T700	S214767A	1
80	A3T80	Q214765E	A6T80	W215276E	5	800	A3T800	T215274A	A6T800	D216801A	1
90	A3T90	V215781E	A6T90	V217322E	5	1000	A3T1000	W217829A	-	-	1
100	A3T100	R217319E	R217319E	W218864E	5	1200	A3T1200	T218862A	-	-	1

Ratings

- A3T**
- AC: 1 to 1200A 300VAC, 200kA I.R.
 - DC: 1 to 1200A 160VDC, 50kA I.R.
- A6T**
- AC: 1 to 800A 600VAC, 200kA I.R.
 - DC: 1 to 800A 300VDC, 100kA I.R.

Highlights

- Fast Acting
- Extremely Current Limiting
- Small Physical Size
- DC Ratings

Applications

- Loadcenters
- Panelboards
- Switchboards
- Circuit Breakers
- Metering Centers

Approvals

- UL Listed to Standard 248-15
- CSA Certified to Standard C22.2 No. 248.15
- DC Listed to UL Standard 198L

UltraSafe™ - Low Voltage

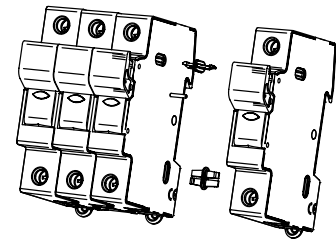
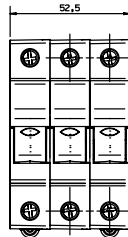
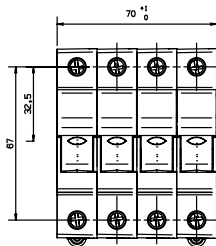
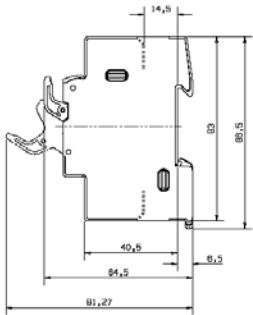
Class CC Fuse holders - 600VAC

UltraSafe™ Fuse holders



Nb of pole	Cat. Number w/o indicator	Ref. Number w/o indicator	Cat. Number with indicator	Ref. Number with indicator	Nb of Mod. 17.5mm	Packaging
1	USBCC1	H305033K	USBCC1I	P305039K	1	12
1	-	-	USBCC1-DC24 ¹⁾	P303015K	1	12
2	USBCC2	K305035F	USBCC2I	R305041F	2	6
3	USBCC3	L305036D	USBCC3I	S305042D	3	4
4	USBCC4	N305038C	USBCC4I	V305044C	4	3
2	USBCC1N	J305034F	USBCC1NI	Q305040F	2	6
4	USBCC3N	M305037C	USBCC3NI	T305043C	4	3

1) 2 LEDS 24V



Accessories

Description	Cat. Number	Ref. Number	Nb of Mod. (17.5mm)	Maxi. RMS current (A)	Number of poles	Packaging
Kit for Multi-Phase connection links	CMS810PAK	Z233725K				12
Lock	LOCK	M223525A				1
Tag and lockout	TAGLOCKCMS810	A235773A				1
jumping bars 1 phase size 8/10*	CMS810BB1F13	T210306J	13	63	1	10
jumping bars 2 phases size 8/10*	CMS810BB2F6	V210307J	6	63	2	10
jumping bars 3 phases size 8/10*	CMS810BB3F4	W210308J	4	100	3	10
jumping bars 4 phases size 8/10*	CMS810BB4F3	X210309J	3	100	4	10
1 phase lateral incoming power supply	TBB1C	E210316P		90		50
2 & 3 phases lateral incoming power supply	TBB23C	G210318P		90		50
1 phase axial incoming power supply	TBB1A	D210315P		90		50
2 & 3 phases axial incoming power supply	TBB23A	F210317P		90		50

Note*: It is possible to use a rigid cable 16mm² with a jumping bar 1.5mm thick.

UltraSafe™ Fuse holders for Class CC

UltraSafe™ USFM Class CC - 600VAC

UltraSafe™ Fuse holder and Fuse Disconnecter



Nb of pole	Cat. Number	Ref. Number	Fonction Fuse Holder	Fonction Fuse Discon.	Packaging
3 poles system / 45mm width	USFMCC	P302762A	w/o Indicator		1
	USFMCCM	B302796A		w/o Indicator	1
	USFMCCI	Q302763A	with Indicator		1
	USFMCCMI	R302764A		with Indicator	1

Pack: 1 piece
 Fuse holder is without Prebreaking Microswitch (see accessories)
 Fuse disconnecter is with mounted Prebreaking Microswitch

Accessories



Description	Cat. Number	Ref. Number	Number of systems interconnected	Maxi. RMS current (A)	Number of poles	Packaging
Lock	LOCK	M223525A				1
Microswitch	USFMAC11	C302797A	1		3	1
Additional Neutral			1			
Busbar to connect 2 modules together	USFMBB2		2		6	
Lateral incoming power supply	TBB23C	G210318P		90		50
Axial incoming power supply	TBB23A	F210317P	1	90		50

Midget and 10x38 Fuse holders - 690V

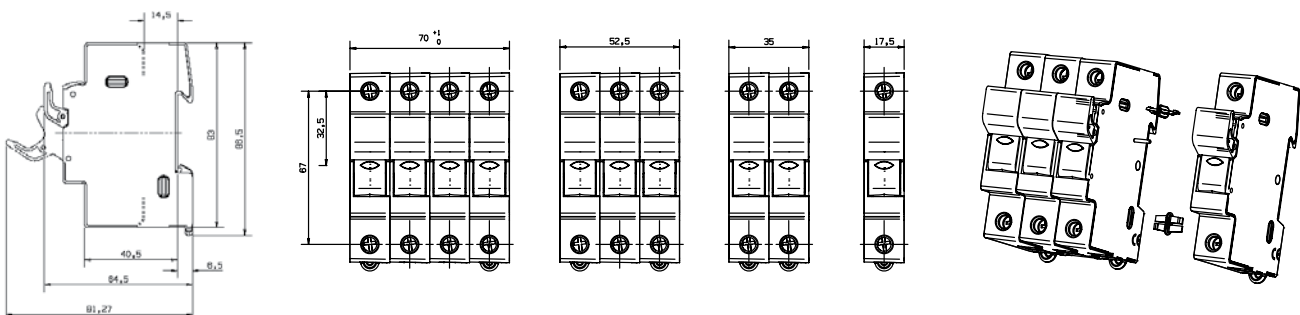
UltraSafe™ Fuse holders



Size	Nb of pole	Cat. Number w/o indicator	Ref. Number w/o indicator	Cat. Number with indicator	Ref. Number with indicator	Nb of Mod. 17.5mm	Packaging
10x38	N	US10N	H305056K	US10NI		1	12
10x38	1	US101	B305050K	US101I	J305057K	1	12
10x38	1			US101I-AC120	R303017K	1	12
10x38	1			US101I-DC24P(1)	Q303016K	1	12
10x38	1+N	US101N	C305051F	US101NI	K305058F	2	6
10x38	2	US102	D305052F	US102I	L305059F	2	6
10x38	3	US103	E305053D	US103I	M305060D	3	4
10x38	3+N	US103N	F305054C	US103NI	N305061C	4	3
10x38	4	US104	G305055C	US104I	P305062C	4	3

(1) 1 LED 24VDC for 1 polarity

UL Recognized at 800VAC and 1000VDC



UltraSafe™ Fuse holders for Class CC & Midget

UltraSafe™ - Low Voltage

Accessories

Description	Cat. Number	Ref. Number	Nb of Mod. (17.5mm)	Maxi. RMS current (A)	Number of poles	Packaging
Kit for Multi-Phase connection links	CMS810PAK	Z233725K				12
Lock	LOCK	M223525A				1
Tag and lockout	TAGLOCKCMS810	A235773A				1
jumping bars 1 phase size 8/10 *	CMS810BB1F13	T210306J	13	63	1	10
jumping bars 2 phases size 8/10 *	CMS810BB2F6	V210307J	6	63	2	10
jumping bars 3 phases size 8/10 *	CMS810BB3F4	W210308J	4	100	3	10
jumping bars 4 phases size 8/10 *	CMS810BB4F3	X210309J	3	100	4	10
1 phase lateral incoming power supply	TBB1C	E210316P		90		50
2 & 3 phases lateral incoming power supply	TBB23C	G210318P		90		50
1 phase axial incoming power supply	TBB1A	D210315P		90		50
2 & 3 phases axial incoming power supply	TBB23A	F210317P		90		50

Note*: It is possible to use a rigid cable 16mm² with a jumping bar 1.5mm thick.

Midget and 10x38 Fuse holders - 690VAC

UltraSafe™ Fuse holder and Fuse Disconnecter



Cat. Number	Description
USFM10	3 pole fuse module
USFM10I	3 pole fuse module with indicators
USFM10M	3 pole fuse module with microswitch style auxiliary contact
USFM10MI	3 pole fuse module with microswitch style auxiliary contact and indicators

Pack: 1 piece

Fuse holder is without Prebreaking Microswitch (see accessories)

Fuse disconnecter is with mounted Prebreaking Microswitch

Accessories

Description	Cat. Number	Ref. Number	Number of systems interconnected	Maxi. RMS current (A)	Number of poles	Packaging
Lock	LOCK	M223525A				1
Microswitch	USFMAC11	C302797A	1		3	1
Additional Neutral			1			
Busbar to connect 2 modules together	USFMBB2		2		6	
Lateral incoming power supply	TBB23C	G210318P		90		50
Axial incoming power supply	TBB23A	F210317P	1	90		50



US14 fuse holder & fuse disconnectors

14x51 used fuses with no striker, or with indicator light or with striker
 Recognized compliant with UL 4248 and CSA 22-2 , IEC 60947-1 & 3
 and IEC 60269-1 & 2

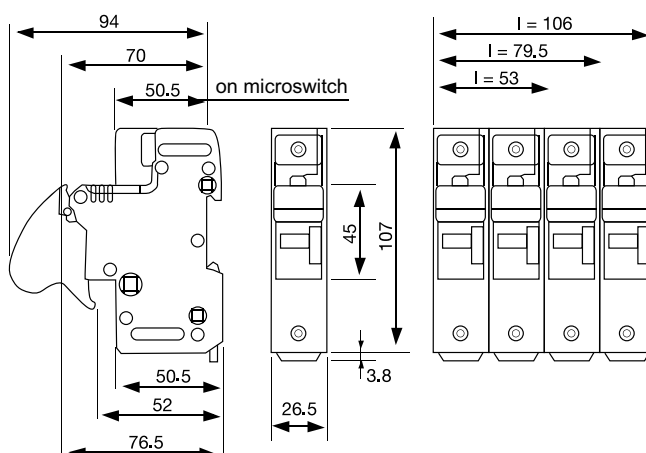


Nb of Pole	Model without indicator light ready for accessories		Model with indicator light ready for auxiliary contact		Nb of Mod. (17.5mm)	Packaging
	Cat. Number	Ref. Number	Cat. Number	Ref. Number		
1	US141	Z331153F	US141I	A331154F	1.5	6
2	US142	G331137C	US142I	H331138C	3	3
3	US143	N331143B	US143I	P331154B	4.5	2

Size	Nb of Pole	Model fitted with auxiliary contact		Model fitted with auxiliary contact & indicator light		Nb of Mod. (17.5mm)	Packaging
		Cat. Number	Ref. Number	Cat. Number	Ref. Number		
14x51	1	US141M	B331155F	US141MI	C331156F	1.5	6
14x51	2	US142M2	L331141C	US142M2I	M331142C	3	3
14x51	3	US143M	Q331145B	US143MI	S331147B	4.5	2
14x51	3+N*	US143NM	Y331152A			6	1

* Two auxiliary microswitches (see instructions for mounting) – The auxiliary microswitch function requires use of fuses with strikers

UL Recognized at 800VAC-1000VDC
 IEC 750VAC/DC



UltraSafe™ - Low Voltage

US22 fuse holder & fuse disconnectors

22x58 fuses with no striker, or with indicator light or with striker
 Recognized compliant with UL 4248 and CSA 22-2 , IEC 60947-1 & 3
 and IEC 60269-1 & 2

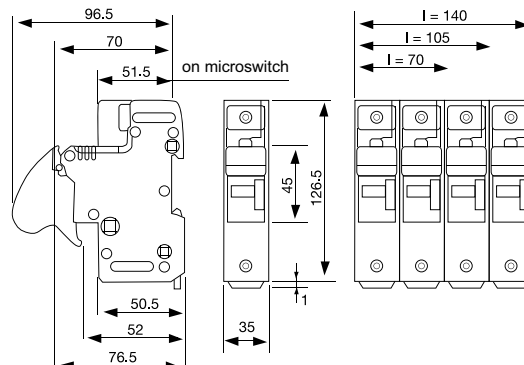


Nb of Pole	Model without indicator light ready for accessories		Model with indicator light ready for auxiliary contact		Nb of Mod. (17.5mm)	Packaging
	Cat. Number	Ref. Number	Cat. Number	Ref. Number		
1	US221	E331158F	US221I	F331159F	1.5	6
2	US222	K331163C	US222I	L331164C	3	3
3	US223	R331169B	US223I	S331170B	4.5	2

Size	Nb of Pole	Model fitted with auxiliary contact		Model fitted with auxiliary contact & indicator light		Nb of Mod. (17.5mm)	Packaging
		Cat. Number	Ref. Number	Cat. Number	Ref. Number		
22x51	1	US221M	G331160F	US221MI	Z1006203F	1.5	6
22x51	2	US222M	M331165C	US222MI	N331166C	3	3
22x51	3	US223M	T331171B	US223MI	V331172B	4.5	2

* Two auxiliary microswitches (see instructions for mounting) – The auxiliary microswitch function requires use of fuses with strikers

UL Recognized
 at 800VAC-1000VDC
 IEC 750VAC/DC



Accessories for US14, US22 series

Auxiliary contact kit
 Y227928



Enlargement pin for auxiliary contact - F213629

Auxiliary contact assembly pin - J214138

Description	Cat. number	Ref. number	Nb of Mod. 17.5mm	Packaging
Auxiliary contact kit 1 pole US14	USMSW1	Y227928A	1.5	1
Auxiliary contact kit 3 poles US14	USMSW2	Z227929A	4.5	1
2 auxiliary contact kit 3 poles US14	USMSW3	A227930A	4.5	1
Auxiliary contact assembly pin (between 2 kits)	US1422PTH	J214138J		10*
Enlargement pin for auxiliary contact	US1422BP	F213629J		10*
Multi-pole assembly kit	US14PAK	X227927J		10*
Indicator light kit	CMS1422LHI	A225653A		1
Lock	LOCK	M223525A		1

* 10 per bag

UltraSafe™ fuse holders for other sizes ferrule

US27 fuse holder (without microswitch)

800VAC/DC



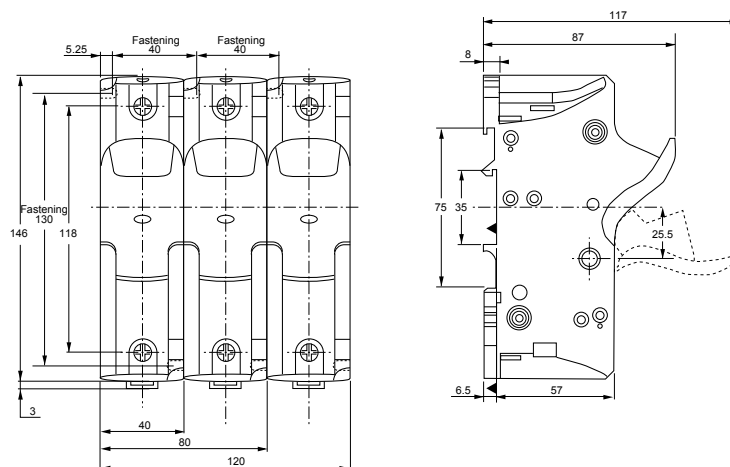
Nb of poles	Connections	Cat. number	Ref. number	Weight (g)	Packaging
1	By screw, U bolt or connector	US271I	J226420C	285	3
1 + N	By screw, U bolt or connector	US271NI	K226421A	580	1
1 + N	Ring lug connection	US271NIRING	E223518A	690	1
N	Ring lug connection	US27NIRING	F223519C	340	3
2	Ring lug connection	US272IRING	C223516A	690	1
3	By screw, U bolt or connector	US273I	M226423A	855	1
3	Ring lug connection	US273IRING	D223517A	1030	1
3 + N	By screw, U bolt or connector	US273NI	N226424A	1200	1
Assembly kit		US27PAK	H227615J		10
Microswitch*		US27W1	E227612A		1

* for the US27 version only

US27 fuse disconnecter (with microswitch)

800VAC/DC

Nb of poles	Connections	Cat. number	Nb of microswitches	Ref. number	Weight (g)	Packaging
1	By screw, U bolt or connector	US271MI	1	R227600C	320	3
1	Ring lug connection	US271MIRING	1	Z227607A	355	1
2	By screw, U bolt or connector	US272MI	1	S227601A	680	1
2	By screw, U bolt or connector	US272M2I	2	T227602A	600	1
2	Ring lug connection	US272M2IRING	2	B227609A	710	1



Product offering FSPDB 1000VDC



Catalog Number		Ampere Rating (Based on NEC Table 310-16 for 75°C Cu wire only)	Line			Load			Short Circuit Current Rating
Aluminum (Connector rated for 90°C Cu/AL wire)	Copper (Connector rated for 75°C Cu wire only)		Wire Range		Openings	Wire Range		Openings Per Pole	
			AWG/	mm ²		AWG/ kcmil	mm ²		
FSPDB1A	FSPDB1C	175	2/0-#14	70-2.5	1	2/0-#14	70-2.5	1	100kA*
FSPDB2A	FSPDB2C	175	2/0-#14	70-2.5	1	#2-#14	35-2.5	4	100kA*
FSPDB3A	FSPDB3C	310	350-#6 2/0-#14	185-16 70-2.5	1	#8-#14	8-2.5	8	100kA*
FSPDB4A	FSPDB4C	335	400-#6	185-16	1	400-#6	185-16	1	100kA*
FSPDB5A	FSPDB5C	840	600-#4	300-25	2	600-#4	300-25	2	100kA*

*Contact Mersen Technical Services at technicalservices.nby@mersen.com for fuse type and maximum ampere required.

Multiple Wire Ratings (Same Size & Type Wires Only)			
2/0 Openings		#2 Openings	
(2) #4 AWG	(2) #10 AWG	(2) #6 AWG	(2-4) #12 AWG
(2) #6 AWG	(2) #12 AWG	(2) #8 AWG	(2-4) #14 AWG
(2) #8 AWG	(2) #14 AWG	(2-4) #10 AWG	

Accessory

Cat. number	Description
FSPIN1	Accessory pin to form multiple pole block
FSCIM1	Circuit identification marker for 2/0 & #2 max. conductors (Qty of 100)
FSCIM2	Circuit identification marker for 350, 400 & 600 kcmil max. conductors (Qty of 100)
FSCAP1	Cap plug for spare 2/0 openings
FSCAP2	Cap plug for spare 350 kcmil openings
FSCP3	Cap plug for spare 600 kcmil opening
FSEA	Pair of end anchors

Dimensions

Dimension	FSPDB1A FSPDB1C Figure 1		FSPDB2A FSPDB2C Figure 1		FSPDB3A FSPDB3C Figure 2		FSPDB4A FSPDB4C Figure 1		FSPDB5A FSPDB5C Figure 2	
	mm	in	mm	in	mm	in	mm	in	mm	in
A	25.4	1.00	28.4	1.12	46.9	1.85	39	1.54	72	2.84
B	43.3	1.70	57.8	2.28	64.3	2.53	108	4.25	91	3.58
C	49.5	1.95	56.0	2.21	64.3	2.53	80	3.15	80	3.15
D	45.1	1.78	51.6	2.03	59.8	2.36	75.5	2.97	-	-
E	39.4	1.55	39.4	1.55	51.5	2.03	50.1	1.97	50.1	1.97
F	72.6	2.86	87.7	3.45	100.8	3.97	145.5	5.73	145	5.71
G	59.6	2.35	74.6	2.94	82.4	3.24	120.6	4.75	127.5	5.02
H	5.3	0.21	5.1	0.20	6.5	0.26	7	0.28	3	0.12
I	-	-	-	-	31.5	1.24	-	-	52	2.04
J	5.3	0.21	6.4	0.25	6.5	0.26	6.5	0.26	6.5	0.26
K	10	0.40	11.7	0.46	8.9	0.35	16	0.63	8.5	0.34

Approvals

- UL Recognized Component
Guide XCFR2, File E73571
- CSA Certified: Class 6228, File 69363

