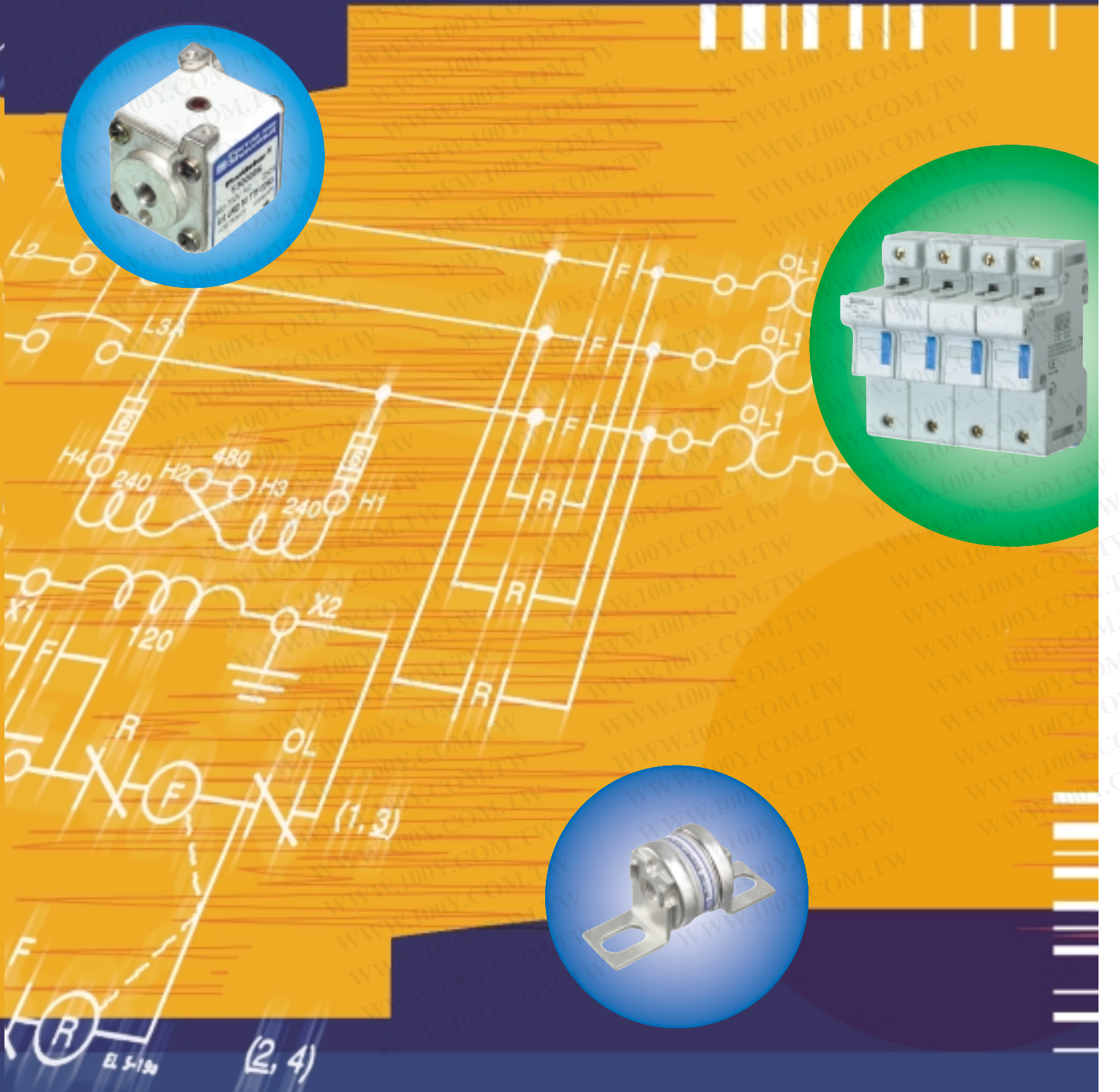
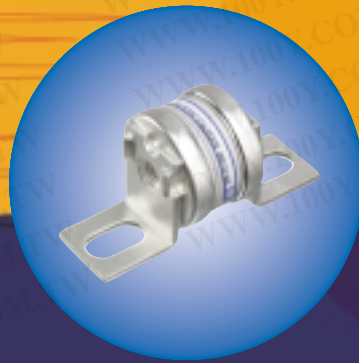


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THE GUIDE

Fuses - Fuse Gear



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THE GUIDE Fuses - Fuse Gear

The GUIDE is the result
of the close collaboration between
distributors, end users and FERRAZ SHAWMUT
worldwide specialist of electrical protection.

The purpose of The GUIDE is to present,
clearly and easily a part of FERRAZ SHAWMUT
global offer on popularly used fuses and fuse holders,
usually stocked by our distributors.

For products not included in The GUIDE,
please consult our ADVISOR catalogue,
presenting the total FERRAZ SHAWMUT offer
on electrical protection.



Miniature Fuses



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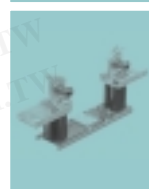
Extremely Fast Acting Protistor®



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5 x 20 - Fast Acting & Time Lag - Low Breaking Capacity



Size	Current Rating (A)	Voltage (V)	Reference number FAST ACTING (5SF)	Reference number TIME LAG (5ST)	Packaging
5 x 20	0.063	250	-	D090531P	50
5 x 20	0.08	250	Z090504P	E090532P	50
5 x 20	0.1	250	A090505P	F090533P	50
5 x 20	0.125	250	B090506P	G090534P	50
5 x 20	0.16	250	C090507P	H090535P	50
5 x 20	0.2	250	D090508P	J090536P	50
5 x 20	0.25	250	E090509P	K090537P	50
5 x 20	0.315	250	F090510P	L090538P	50
5 x 20	0.4	250	G090511P	M090539P	50
5 x 20	0.5	250	H090512P	N090540P	50
5 x 20	0.63	250	J090513P	P090541P	50
5 x 20	0.8	250	K090514P	Q090542P	50
5 x 20	1	250	L090515P	R090543P	50
5 x 20	1.25	250	M090516P	S090544P	50
5 x 20	1.6	250	N090517P	T090545P	50
5 x 20	2	250	P090518P	V090546P	50
5 x 20	2.5	250	Q090519P	W090547P	50
5 x 20	3.15	250	R090520P	X090548P	50
5 x 20	4	250	S090521P	Y090549P	50
5 x 20	5	250	T090522P	Z090550P	50
5 x 20	6.3	250	V090523P	A090551P	50
5 x 20	8 ⁽¹⁾	250	W090524P	P206070P	50
5 x 20	10 ⁽¹⁾	250	X090525P	Q206071P	50
5 x 20	12.5 ⁽¹⁾	250	G210341P	D210338P	50
5 x 20	16 ⁽¹⁾	250	H210342P	E210339P	50
5 x 20	20 ⁽¹⁾	250	J210343P	X223488P	50
Selection box			G203763A	H203764A	1

Ref. in fat: usually stock reference by distribution.
 Following IEC 127/2 and 3 standard.

(1) Rating out of the standard. For 12.5 - 16 and 20 bodies are in ceramic.

Functions

Glass body fuse size 5 x 20.
 Low breaking capacity (35A or 10In).
 F: Fast acting, T: Time Lag

Applications

Protection of electrical circuits and consumer appliances.
 Protection of circuit boards controlling low voltage industrial power devices.

5 x 20 Fast Acting fuses Selection box Ref. G203763A

Rating	100mA	125mA	160mA	200mA	250mA	315mA	400mA	500mA	630mA
Ref. num.	A090505	B090506	C090507	D090508	E090509	F090510	G090511	H090512	J090513
Rating	800mA	1 A	1.25A	1.6 A	2 A	2.5 A	3.15A	4 A	6.3 A
Ref. num.	K090514	L090515	M090516	N090517	P090518	Q090519	R090520	S090521	V090523

5 x 20 Time Lag fuses Selection box Ref. H203764A

Rating	100mA	125mA	160mA	200mA	250mA	315mA	400mA	500mA	630mA
Ref. num.	F090533	G090534	H090535	J090536	K090537	L090538	M090539	N090540	P090541
Rating	800mA	1 A	1.25A	1.6 A	2 A	2.5 A	3.15A	4 A	6.3 A
Ref. num.	Q090542	R090543	S090544	T090545	V090546	W090547	X090548	Y090549	A090551

Packaging: 20 fuses per current rating
 Quantity of fuse per box: 360 (18 x 20)
 Max. weight: 400 g.





5 x 20 - Fast Acting & Time Lag - Medium Breaking Capacity

Size	Current Rating (A)	Voltage (V)	Reference number FAST ACTING (5HF)	Reference number TIME LAG (5HT)	Packaging
5 x 20	0.1 ⁽¹⁾	250	G095548P⁽¹⁾	-	50
5 x 20	0.125 ⁽¹⁾	250	H095549P ⁽¹⁾	-	50
5 x 20	0.16 ⁽¹⁾	250	J095550P ⁽¹⁾	-	50
5 x 20	0.2 ⁽¹⁾	250	Q095556P⁽¹⁾	-	50
5 x 20	0.25 ⁽¹⁾	250	R095557P ⁽¹⁾	P085366P	50
5 x 20	0.315 ⁽¹⁾	250	S095558P ⁽¹⁾	R094821P	50
5 x 20	0.4 ⁽¹⁾	250	T095559P ⁽¹⁾	W094825P	50
5 x 20	0.5 ⁽¹⁾	250	V095560P⁽¹⁾	S085369P	50
5 x 20	0.63 ⁽¹⁾	250	W095561P ⁽¹⁾	X094826P	50
5 x 20	0.8 ⁽¹⁾	250	X095562P	V085371P	50
5 x 20	1	250	Y095563P	W085372P	50
5 x 20	1.25	250	C095567P	X085373P	50
5 x 20	1.6	250	D095568P	Y085374P	50
5 x 20	2	250	E095569P	Z085375P	50
5 x 20	2.5	250	F095570P	A085376P	50
5 x 20	3.15	250	G095571P	B085377P	50
5 x 20	4	250	H095572P	C085378P	50
5 x 20	5	250	J095573P	D085379P	50
5 x 20	6.3	250	K095574P	E085380P	50
5 x 20	8 ⁽²⁾	250	J085407P	A208357P	50
5 x 20	10 ⁽²⁾	250	K085408P	B208358P	50



Ref. in fat: usually stock reference by distribution.

Following IEC 127-2 and 5 standard

(1) Non products

(2) Non standard current ratings

Functions

Ceramic body fuse size 5 x 20, without sand,
 Medium breaking capacity (1500A)

F: Fast Acting, T: Time Lag

Applications

Protection of electrical circuits and industrial power devices.

Protection of circuit boards directly connected to the mains.

5 x 20 Fuse Holders

Fuse holders	Fuse holders ref. number	Cover ref. number	Characteristics	Packaging
Solder fuse holder	K208228J	L208229J	Distance between soldering pins 22,6 mm	10
Solder fuse holder	J208227J	L208229J	Distance between soldering pins 15 mm	10
Solder fuse holder	P204943J	S204946J	Straight connectors (entraxe 22 mm)	10
Solder fuse holder	M209012J	N085595J	Curved pins (entraxe 22 mm)	10
Screw fuse holder	N204942J		Without anti-rotation (entraxe 22 mm)	10
Screw fuse holder	Q204944J		With anti-rotation (entraxe 22 mm)	10
Shock fuse holder for panel	T204947J		To be soldered or screwed 2,8 x 0,5 mm	10
Shock fuse holder for printed circuit board	X204950J		Vertical (entraxe 10 mm)	10
Shock fuse holder for printed circuit board	Y204951J		Horizontal (entraxe 10 mm)	10
Solder clips	W202074P		PCB mounting - 5 x 20 fuse	50
Solder clips	Y098967P		PCB mounting - 5 x 20 / 6 x 32 fuses	50





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5MF - 5 x 20 - Fast Blow - Low Breaking Capacity



Applications

Fast blow UL recognized.
 Protection of electrical circuits and industrial power devices.
 Protection of circuit boards directly connected to the mains.

Functions

Glass body fuse size 5 x 20.
 Low breaking capacity.
 250 V - 200 A
 125 V - 10 kA

Size	Voltage (V)	Current Rating (A)	Reference Number Fast Blow 5MF	Packaging
5 x 20	250	0.08	Q208601P	50
5 x 20	250	0.1	F207511P	50
5 x 20	250	0.125	G207512P	50
5 x 20	250	0.2	H207513P	50
5 x 20	250	0.25	J207514P	50
5 x 20	250	0.3	K207515P	50
5 x 20	250	0.4	L207516P	50
5 x 20	250	0.5	V206236P	50
5 x 20	250	0.6	W206237P	50
5 x 20	250	0.7	M207517P	50
5 x 20	250	0.75	X206238P	50
5 x 20	250	0.8	N207518P	50
5 x 20	250	1	Y206239P	50
5 x 20	250	1.25	Z206240P	50
5 x 20	250	1.5	A206241P	50
5 x 20	250	1.6	P207519P	50
5 x 20	250	2	B206242P	50
5 x 20	250	2.5	C206243P	50
5 x 20	250	3	D206244P	50
5 x 20	125	4	E206245P	50
5 x 20	125	5	F206246P	50
5 x 20	125	6	G206247P	50
5 x 20	125	7	H206248P	50
5 x 20	125	8	J206249P	50

Comply with UL 198-6 and CSA C22-2

5TT - 5 x 20 - Slow Blow - Low Breaking Capacity



Applications

Fast blow UL recognized.
 Protection of electrical circuits and industrial power devices.
 Protection of circuit boards directly connected to the mains.

Functions

Glass body fuse \leq 5A.
 Ceramic body fuse $>$ 6A.
 Low breaking capacity.
 250 V - 200 A
 125 V - 10 kA

Size	Voltage (V)	Current Rating (A)	Reference Number Slow Blow 5TT	Packaging
5 x 20	250	0.08	N207564P	50
5 x 20	250	0.1	P207565P	50
5 x 20	250	0.125	Q207566P	50
5 x 20	250	0.2	R207567P	50
5 x 20	250	0.25	S207568P	50
5 x 20	250	0.3	T207569P	50
5 x 20	250	0.4	V207570P	50
5 x 20	250	0.5	W207571P	50
5 x 20	250	0.6	X207572P	50
5 x 20	250	0.7	Y207573P	50
5 x 20	250	0.75	Z207574P	50
5 x 20	250	0.8	A207575P	50
5 x 20	250	1	B207576P	50
5 x 20	250	1.25	C207577P	50
5 x 20	250	1.5	D207578P	50
5 x 20	250	1.6	E207579P	50
5 x 20	250	2	F207580P	50
5 x 20	250	2.5	G207581P	50
5 x 20	250	3	H207582P	50
5 x 20	125	4	J207606P	50
5 x 20	125	5	K207607P	50
5 x 20	125	6	L207608P	50
5 x 20	125	7	M207609P	50
5 x 20	125	8	N207610P	50
5 x 20	125	10	F208937P	50

Comply with UL 198-6 and CSA C22-2



5 x 20 - FA/FB Very Fast Acting - Very High Breaking Capacity

Size	Voltage (V)	Current Rating (A)	Reference Number Very Fast Acting FA/FB	Packaging
5 x 20	250	0.04 ⁽¹⁾⁽³⁾	K084051P	50
5 x 20	250	0.05 ⁽¹⁾⁽³⁾	Q080468P	50
5 x 20	250	0.063 ⁽¹⁾⁽³⁾	N084054P	50
5 x 20	250	0.8 ⁽¹⁾⁽³⁾	P080467P	50
5 x 20	250	0.1 ⁽³⁾	L084052P	50
5 x 20	250	0.125	L084029P	50
5 x 20	250	0.16	F084001P	50
5 x 20	250	0.2	Y084017P	50
5 x 20	250	0.25	G084002P	50
5 x 20	250	0.315	Z084018P	50
5 x 20	250	0.4	A084019P	50
5 x 20	250	0.5	H084003P	50
5 x 20	250	0.63	X084016P	50
5 x 20	250	0.8	C084021P	50
5 x 20	250	1	J084004P	50
5 x 20	250	1.25	K084005P	50
5 x 20	250	1.6	L084006P	50
5 x 20	250	2	M084006P	50
5 x 20	250	2.5	N084008P	50
5 x 20	250	3.15	P084009P	50
5 x 20	250	4	Q084010P	50
5 x 20	250	5	R084011P	50
5 x 20	250	6.3	S084012P	50
5 x 20	250	8	T084013P	50
5 x 20	250	10	V084014P	50
5 x 20	250	12.5 ⁽²⁾	W084015P	50
5 x 20	125	16 ⁽²⁾⁽³⁾	R084034P	50
5 x 20	125	20 ⁽²⁾⁽³⁾	D084022P	50



Ref. M084007P



Applications

High Power
 - Current and voltage sensors
 - UPS, Drives

Functions

Ceramic body fuse.
 Very high breaking capacity.
 250 V - 30 kA cosφ 0,7
 250 V - 30 kA cosφ 0,2
 125 V - 10 kA

⁽¹⁾ Breaking capacity 4 kA
⁽²⁾ For these ratings, derating within fuse holders must be checked.
⁽³⁾ Non-certified rating

5 x 20 - SA/SB Medium Time Lag - Very High Breaking Capacity

Size	Voltage (V)	Current Rating (A)	Reference Number Medium Time Lag SA/SB	Packaging
5 x 20	250	0.04 ⁽¹⁾	C080479P	50
5 x 20	250	0.05 ⁽¹⁾	R080469P	50
5 x 20	250	0.063 ⁽¹⁾	F080482P	50
5 x 20	250	0.8 ⁽¹⁾	B080478P	50
5 x 20	250	0.1	M084122P	50
5 x 20	250	0.125	L084121P	50
5 x 20	250	0.16	P084101P	50
5 x 20	250	0.2	G084117P	50
5 x 20	250	0.25	Q084102P	50
5 x 20	250	0.315	H084118P	50
5 x 20	250	0.4	J084119P	50
5 x 20	250	0.5	R084103P	50
5 x 20	250	0.63	F084116P	50
5 x 20	250	0.8	K084120P	50
5 x 20	250	1	S084104P	50
5 x 20	250	1.25	T087164P	50
5 x 20	250	1.6	D087173P	50
5 x 20	250	2	M087020P	50
5 x 20	250	2.5	N087021P	50
5 x 20	250	3.15	P087022P	50
5 x 20	250	4	Q087023P	50
5 x 20	250	5	R087024P	50
5 x 20	250	6.3	S087025P	50
5 x 20	250	8	T087026P	50
5 x 20	250	10	V087027P	50
5 x 20	250	12.5 ⁽²⁾	W087028P	50
5 x 20	125	16 ⁽²⁾	W086338P	50



Ref. R087024P

Applications

High Power
 - Current and voltage sensors
 - UPS, Drives
 - Transformers protection

Functions

Ceramic body fuse.
 Very high breaking capacity.
 250 V - 10 kA
 125 V - 10 kA

⁽¹⁾ Breaking capacity 4 kA
⁽²⁾ For these ratings, derating within fuse holders must be checked.



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6 x 32 - Fast Acting & Time Lag - Low Breaking Capacity



Size	Current Rating (A)	Voltage (V)	Reference Number FAST ACTING (3AG, 3SF)	Reference Number TIME LAG (3SB, 3ST)	Packaging
6 x 32	0.062	250	-	B207507P	50
6 x 32	0.08	250	-	C207508P	50
6 x 32	0.1	250	D085701P	D085724P	50
6 x 32	0.125	250	E085702P	E085725P	50
6 x 32	0.15	250	F085703P	F085726P	50
6 x 32	0.175	250	-	G085727P	50
6 x 32	0.2	250	H085705P	H085728P	50
6 x 32	0.25	250	J085706P	J085729P	50
6 x 32	0.3	250	-	K085730P	50
6 x 32	0.315	250	P090564P	-	50
6 x 32	0.375	250	-	V087510P	50
6 x 32	0.4	250	Q090565P	X087512P	50
6 x 32	0.5	250	R090566P	Y087513P	50
6 x 32	0.63	250	S090567P	Z087514P	50
6 x 32	0.75	250	-	A087515P	50
6 x 32	0.8	250	T090568P	-	50
6 x 32	1	250	V090569P	B087516P	50
6 x 32	1.25	250	W090570P	C087517P	50
6 x 32	1.5	250	-	D087518P	50
6 x 32	1.6	250	X090571P	-	50
6 x 32	1.8	250	-	E087519P	50
6 x 32	2	250	Y090572P	F087520P	50
6 x 32	2.5	250	Z090573P ⁽¹⁾	G087521P	50
6 x 32	3	250	-	H087522P	50
6 x 32	3.15	250	A090574P ⁽¹⁾	-	50
6 x 32	4	250	B090575P ⁽¹⁾	J087523P	50
6 x 32	5	250	C090576P ⁽¹⁾	K087524P	50
6 x 32	6	250	-	L087525P	50
6 x 32	6.3	250	D090577P ⁽²⁾	-	50
6 x 32	7	250	-	M087526P	50
6 x 32	8	250	E090578P ⁽²⁾	Q087529P	50
6 x 32	10	250	F090579P ⁽²⁾	M210507P ⁽³⁾	50
6 x 32	12.5	250	X210332P ⁽²⁾	A210335P ⁽³⁾	50
6 x 32	16	250	Y210333P ⁽²⁾	B210336P ⁽³⁾	50
6 x 32	20	250	Z210334P ⁽²⁾	C210337P ⁽³⁾	50

Following CSA 22-2 standard.
 Following UL 198-G standard.
 Following IEC 127-2 and 4 standard (low breaking capacity - 35A or 10In).

(1) Approval voltage 150 V.

(2) Approval voltage 60 V. For 12.5 - 16 and 20, ceramic bodies.

(3) Following IEC 127-2 and 4 standard (low breaking capacity - 35A or 3In). Approval voltage 125 V.

Functions

Glass body fuse size 6 x 32 mm.
 AG, F: Fast acting - T: Time lag.

Applications

Protection of electric circuits and consumer appliances.
 Protection of circuit boards controlling low voltage industrial power devices.

Fuse Holders 6 x 32

Fuse Holders	Fuse holders Ref. number	Cover Ref. number	Characteristics	Packaging
Shock fuse holder for panel	T210536J	Y210540J	Shock (ø13, 45mm length)	10
Solder clips	H210549P		PCB mounting - 6 x 32 fuse	50
Screw clips	K091480P		PCB mounting - 6 x 32 fuse	50
Solder clips	Y098967P		PCB mounting - 5 x 20 / 6 x 32 fuses	50





6 x 32 - FA Very Fast Acting - Very High Breaking Capacity

Size	Voltage (V)	Current Rating (A)	Reference Number Very Fast Acting	Packaging
6 x 32	250	0.1	R094315P	50
6 x 32	250	0.125	F084323P	50
6 x 32	250	0.16	G084301P	50
6 x 32	250	0.2	C084320P	50
6 x 32	250	0.25	H084302P	50
6 x 32	250	0.315	D084321P	50
6 x 32	250	0.4	E084322P	50
6 x 32	250	0.5	J084303P	50
6 x 32	250	0.63	B084319P	50
6 x 32	250	0.8	G084324P	50
6 x 32	250	1	K084304P	50
6 x 32	250	1.25	L084305P	50
6 x 32	250	1.6	M084306P	50
6 x 32	250	2	N084307P	50
6 x 32	250	2.5	P084308P	50
6 x 32	250	3.15	Q084309P	50
6 x 32	250	4	R084310P	50
6 x 32	250	5	S084311P	50
6 x 32	250	6.3	T084312P	50
6 x 32	250	8	V084313P	50
6 x 32	250	10	W084314P	50
6 x 32	250	12.5	X084315P	50
6 x 32	250	16	Z084317P	50
6 x 32	250	20	A084318P	50
6 x 32	125	25	H084325P	50
6 x 32	125	30	J084326P	50



Applications

High Power
 - Current and voltage sensors
 - UPS, Drives

Functions

Ceramic body fuse.
 Very high breaking capacity.
 250 V - 200 kA
 125 V - 100 kA

Ratings lower than 0,1 A : please enquire.

6 x 32 - SA Medium Time Lag - Very High Breaking Capacity

Size	Voltage (V)	Current Rating (A)	Reference Number Medium Time Lag	Packaging
6 x 32	250	0.1	Q084424P	50
6 x 32	250	0.125	C084367P	50
6 x 32	250	0.16	Q084401P	50
6 x 32	250	0.2	L084420P	50
6 x 32	250	0.25	R084402P	50
6 x 32	250	0.315	M084421P	50
6 x 32	250	0.4	N084422P	50
6 x 32	250	0.5	S084403P	50
6 x 32	250	0.63	K084419P	50
6 x 32	250	0.8	P084423P	50
6 x 32	250	1	T084404P	50
6 x 32	250	1.25	V084405P	50
6 x 32	250	1.6	W084406P	50
6 x 32	250	2	X084407P	50
6 x 32	250	2.5	Y084408P	50
6 x 32	250	3.15	Z084409P	50
6 x 32	250	4	A084410P	50
6 x 32	250	5	B084411P	50
6 x 32	250	6.3	C084412P	50
6 x 32	250	8	H093364P	50
6 x 32	250	10	E084414P	50
6 x 32	250	12.5	F084415P	50
6 x 32	250	16	H084417P	50
6 x 32	250	20	J084418P	50
6 x 32	125	25	T084427P	50
6 x 32	125	30	V084428P	50



Applications

High Power
 - Current and voltage sensors
 - UPS, Drives
 - Transformers protection

Functions

Ceramic body fuse.
 Very high breaking capacity.
 250 V - 200 kA
 125 V - 100 kA

Ratings lower than 0,1 A : please enquire.

For voltage 380V - 500V - 660V - 1000V consult us.

gG Cylindrical Fuses



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gG 8.5 x 31.5



Size	Current rating (A)	Voltage (V)	Ref. number without indicator	Ref. number with indicator	Voltage (V)	Ref. number with trip-indicator	Packaging
8.5 x 31.5	0.5	400	P218191J				10
8.5 x 31.5	1	400	C218709J				10
8.5 x 31.5	2	400	Q219227J	B222204J			10
8.5 x 31.5	4	400	W222958J	X222959J			10
8.5 x 31.5	6	400	A211025J	V201291J			10
8.5 x 31.5	8	400	B213096J	B211026J			10
8.5 x 31.5	10	400	A214613J	A212060J			10
8.5 x 31.5	12	400	R216146J	C213097J			10
8.5 x 31.5	16	400	P216650J	Y214105J			10
8.5 x 31.5	20	400	F217677J	J215127J			10
8.5 x 31.5	25	400	D218710J	S216147J			10
8.5 x 31.5	Neutral		X211045J	X211045J			10

gG 10.3 x 38



10.3 x 38	0.5	500	C211027J	-			10
10.3 x 38	1	500	B212061J	-			10
10.3 x 38	2	500	D213098J	S216653J			10
10.3 x 38	4	500	X213598J	E217170J			10
10.3 x 38	6	500	K215128J	T218195J			10
10.3 x 38	8	500	D217169J	V219231J			10
10.3 x 38	10	500	S218194J	E222207J			10
10.3 x 38	12	500	W219761J	H200751J			10
10.3 x 38	16	500	G200750J	H201809J			10
10.3 x 38	20	500	D211028J	X211551J			10
10.3 x 38	25	500	E213099J	W212585J			10
10.3 x 38	32	400	A214107J	Z213600J			10
10.3 x 38	Neutral		R211569J	R211569J			10

gG 14 x 51



14 x 51	1	690	K218716J	-	500	-	10
14 x 51	2	690	Y219234J	C201298J	500	J211033J	10
14 x 51	4	690	A219765J	H211032J	500	H212067J	10
14 x 51	6	690	H222210J	G212066J	500	G214113J	10
14 x 51	8	690	D222965J	K213104J	500	R215134J	10
14 x 51	10	690	L200754J	H214620J	500	Z216153J	10
14 x 51	12	690	L201812J	R215640J	500	L217176J	10
14 x 51	16	690	A211554J	X216657J	500	Z218200J	10
14 x 51	20	690	Z212588J	N217684J	500	B219237J	10
14 x 51	25	690	C213603J	M218718J	500	L222213J	10
14 x 51	32	500	W216656J	C219767J	500	P200757J	10
14 x 51	40	500	X218198J	F222967J	500	P201815J	10
14 x 51	50	400	Z219235J	D201299J	400	D211557J	10
14 x 51	Neutral		M212600J	M212600J		M212600J	10
	Pull handle		M097554A	M097554A		M097554A	1

gG 22 x 58



22 x 58	2	690	F219241J	-			10
22 x 58	4	690	H219772J	Q211039J	690	R214628J	10
22 x 58	6	690	P222216J	P212073J	690	A215648J	10
22 x 58	8	690	L222972J	R213110J	690	F216665J	10
22 x 58	10	690	T200761J	N214119J	690	W217691J	10
22 x 58	12	690	J201304J	Y215140J	690	W218726J	10
22 x 58	16	690	S201818J	D216157J	690	L219775J	10
22 x 58	20	690	P211038J	R217181J	690	P222975J	10
22 x 58	25	690	N212072J	F218206J	690	M201307J	10
22 x 58	32	690	F212594J	H219243J	690	S211041J	10
22 x 58	40	690	J213609J	R222218J	690	R212075J	10
22 x 58	50	690	P214626J	W200763J	690	M213612J	10
22 x 58	63	690	Y215646J	V201820J	500	S214629J	10
22 x 58	80	690	Q217180J	K211563J	500	F216159J	10
22 x 58	100	500	E218205J	H212596J	500	T217183J	10
22 x 58	125	400	J219773J	L213611J	400	H218208J	10
22 x 58	Neutral		R213616J	R212616J		R213616J	10
	Pull handle		K100036A	K100036A		K100036A	1



Functions

Industrial fuse, gG curve (black marking) – standard NF EN 60269-1 and 2-1.
 Protection of cables and electrical devices, apart from motors.
 Discrimination ensured between two fuses for which there is a margin of two current ratings (e.g. 160A and 100A).
 Breaking capacity: 20kA for 8.3 x 31.5 - 80 – 120kA for the other sizes at the rated voltage.

Applications

Protection at all levels of electrical distribution against overloads and short circuits. Main switchboards, feeder switchboards, main cubicles.



Standards:



Fuse Holders 8.5 x 31.5

Fuse holders	1 pole 1 Module	1 + N 1 Module	1 + N 2 Modules	2 2 Modules	3 3 Modules	3 + N 3 Modules	3 + N 4 Modules	4 4 Modules	Equipped with neutral
MSC 8									
- Without indicator	T219253K	F200772K	B211049F	R212604F	W213620D	J215150D	C214638C	Q216168C	Q218215K
- With indicator	F222461K	X201316K							
Packaging	12	12	6	6	4	4	3	3	12

Standards:



Fuse Holders 10.3 x 38

Fuse holders	1 pole 1 Module	1 + N 1 Module	1 + N 2 Modules	2 2 Modules	3 3 Modules	3 + N 3 Modules	3 + N 4 Modules	4 4 Modules	Equipped with neutral
MSC 10									
- Without indicator	Q216674K	Y201317K	C212085F	E213122F	M215659D	S218217D	E217193C	F218735C	Q218215K
- With indicator	W219784K	C211050K		K215151F					
Packaging	12	12	6	6	4	4	3	3	12

Fuse Holders 14 x 51

Fuse Holders	1 pole	1 + N	2	3	3 + N	4	Equipped with neutral
CMS 14							
- Without indicator	F222990F	E201323C	J211056C	J212091B	L213128A	G214136A	N222468F
- With microswitch ⁽¹⁾			R215157C		L217199A		
- Micro + Indicator	N201837F		K211057C	D211580B	A212612A		
Packaging	6	3	3	2	1	1	6
Multipole assembly kit	Z218223J						

Fuse Holders 22 x 58

Fuse Holders	1 pole	1 + N	2	3	3 + N	4	Equipped with neutral
CMS 22							
- Without indicator	E213628F	L214646C	V215666C	Z216682B	Q217709A	N218742A	M213129F
- With microswitch ⁽¹⁾	D219262F		E219792C	Q222470B	P200780A		
- Micro + indicator	A216683F		N217201C	R217710B	P218743A		
Packaging	6	3	3	2	1	1	6
Multipole assembly kit	L211058J						

(1) Fuse melting micro switch, pre isolation and trip indicating fuse

ST Fuse holder range can also be used for gM fuses



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aM 8.5 x 31.5



Size	Current rating (A)	Voltage (V)	Ref. number w/out indic.	Ref. number w/indic.	Voltage (V)	Ref. number w/trip-indic.	Packaging
8.5 x 31.5	1	400	C217168J				10
8.5 x 31.5	2	400	R218193J				10
8.5 x 31.5	4	400	S219229J				10
8.5 x 31.5	6	400	C222205J				10
8.5 x 31.5	8	400	F200749J				10
8.5 x 31.5	10	400	W201292J				10
8.5 x 31.5	Neutral		X211045J				10

aM 10.3 x 38



10.3 x 38	0.16	500	E214617J	-			10
10.3 x 38	0.25	500	M215130J	-			10
10.3 x 38	0.5	500	W216150J	-			10
10.3 x 38	1	500	F217171J	X219233J			10
10.3 x 38	2	500	H218714J	G222209J	400	Z084984J	10
10.3 x 38	4	500	W219232J	K200753J	400	Y085259J	10
10.3 x 38	6	500	F222208J	K201811J	400	W085257J	10
10.3 x 38	8	500	Z201295J	Z211553J	400	A084985J	10
10.3 x 38	10	500	Y211552J	H213102J	400	B084986J	10
10.3 x 38	12	500	A213601J	D214110J	400	X085258J	10
10.3 x 38	16	500	F214618J	P215132J	400	C084757J	10
10.3 x 38	20	500	X216151J	V216655J	400	V085256J	10
10.3 x 38	25	400	G217172J	L217682J	400	A076038J	10
10.3 x 38	32	400	J218715J	-	400	B076039J	10
10.3 x 38	Neutral		R211569J	R211569J			10

aM 14 x 51



14 x 51	0.25	690	B212590J	-			10
14 x 51	0.5	690	L213105J	-			10
14 x 51	1	690	E213605J	C212591J	500	W215644J	10
14 x 51	2	690	H214114J	M213106J	500	B216661J	10
14 x 51	4	690	K214622J	J214115J	500	C218203J	10
14 x 51	6	690	S215135J	T215136J	500	E219240J	10
14 x 51	8	690	T215642J	A216660J	500	N222215J	10
14 x 51	10	690	Z216659J	R217687J	500	S200760J	10
14 x 51	12	690	M217177J	Q218721J	500	R201817J	10
14 x 51	16	690	Q217686J	F219770J	500	G211560J	10
14 x 51	20	690	P218720J	R200759J	500	E212593J	10
14 x 51	25	690	E219769J	Q201816J	500	H213608J	10
14 x 51	32	500	M222214J	F211559J	500	N214625J	10
14 x 51	40	500	Q200758J	D212592J	500	X215645J	10
14 x 51	45	500	L211035J	G213607J	500	C216662J	10
14 x 51	50	400	E211558J	M214624J	400	D218204J	10
14 x 51	Neutral		M212600J	M212600J		M212600J	10
	Pull handle		M097554A	M097554A		M097554A	1

aM 22 x 58



22 x 58	1	690	M219776J	-	690	E215652J	10
22 x 58	2	690	T222220J	-	690	J216162J	10
22 x 58	4	690	Q222976J	L219246J	690	A217695J	10
22 x 58	6	690	Y200765J	V222221J	690	Y218728J	10
22 x 58	8	690	N201308J	Y201823J	690	Q219779J	10
22 x 58	10	690	X201822J	N211566J	690	S222978J	10
22 x 58	12	690	T211042J	K212598J	690	R201311J	10
22 x 58	16	690	M211565J	P213614J	690	W211044J	10
22 x 58	20	690	S212076J	V214631J	690	W212079J	10
22 x 58	25	690	J212597J	D215651J	690	Q213615J	10
22 x 58	32	690	V213113J	J216668J	690	X214633J	10
22 x 58	40	690	N213613J	Z217694J	690	F215653J	10
22 x 58	50	690	R214122J	P219778J	690	K216669J	10
22 x 58	63	690	C215650J	Z200766J	500	B217696J	10
22 x 58	80	690	H216667J	P211567J	500	Z218729J	10
22 x 58	100	500	Y217693J	L212599J	500	T222979J	10
22 x 58	125	400	J218209J	W214632J	400	S201312J	10
22 x 58	Neutral		R213616J	R212616J		R213616J	10
	Pull handle		K100036A	K100036A		K100036A	1



Functions

Industrial fuse, aM curve (green marking) – standard NF EN 60269-1 and 2-1 .

Direct protection of motors, must operate in conjunction with an external protection device (thermal relay). Easy discrimination with the gG fuses positioned upstream. Discrimination ensured between two fuses when there is a margin of two current ratings (ex: 160A and 100A).

Breaking capacity : 20kA for 8.3 x 31.5 fuses - 80 to 120 kA for the other sizes at the rated voltage.

Applications

Protection of all low voltage motors.



Standards:



Fuse Holders 8.5 x 31.5

Fuse Holders	1 pole 1 Module	1 + N 1 Module	1 + N 2 Modules	2 2 Modules	3 3 Modules	3 + N 3 Modules	3 + N 4 Modules	4 4 Modules	Equipped with neutral
MSC 8									
- Without indicator	T219253K	F200772K	B211049F	R212604F	W213620D	J215150D	C214638C	Q216168C	Q218215K
- With indicator	F222461K	X201316K							
Packaging	12	12	6	6	4	4	3	3	12

Standards:



Fuse Holders 10.3 x 38

Fuse Holders	1 pole 1 Module	1 + N 1 Module	1 + N 2 Modules	2 2 Modules	3 3 Modules	3 + N 3 Modules	3 + N 4 Modules	4 4 Modules	Equipped with neutral
MSC 10									
- Without indicator	Q216674K	Y201317K	C212085F	E213122F	M215659D	S218217D	E217193C	F218735C	Q218215K
- With indicator	W219784K	C211050K		K215151F					
Packaging	12	12	6	6	4	4	3	3	12

Fuse Holders 14 x 51

Fuse Holders	1 pole	1 + N	2	3	3 + N	4	Equipped with neutral
CMS 14							
- Without indicator	F222990F	E201323C	J211056C	J212091B	L213128A	G214136A	N222468F
- With microswitch ⁽¹⁾			R215157C		L217199A		
- Micro + Indicator	N201837F		K211057C	D211580B	A212612A		
Packaging	6	3	3	2	1	1	6
Multipole assembly kit	Z218223J						

Fuse Holders 22 x 58

Fuse Holders	1 pole	1 + N	2	3	3 + N	4	Equipped with neutral
CMS 22							
- Without indicator	E213628F	L214646C	V215666C	Z216682B	Q217709A	N218742A	M213129F
- With microswitch ⁽¹⁾	D219262F		E219792C	Q222470B	P200780A		
- Micro + Indicator	A216683F		N217201C	R217710B	P218743A		
Packaging	6	3	3	2	1	1	6
Multipole assembly kit	L211058J						

(1) Fuse melting micro switch, pre isolation and trip indicating fuse

ST Fuse holder range can also be used for aM fuses



gG Size 000/C00



gG Size 00



gG Size 0



gG Size 1



Size	Current rating (A)	Voltage (V)	Ref. number with indicator	Packaging
000/C00	2	500	B211946H	9
000/C00	4	500	M212462H	9
000/C00	6	500	D213995H	9
000/C00	10	500	B219651H	9
000/C00	16	500	K222097H	9
000/C00	20	500	A222847H	9
000/C00	25	500	C211947H	9
000/C00	32	500	E201185H	9
000/C00	35	500	E213996H	9
000/C00	40	500	N212463H	9
000/C00	50	500	T212974H	9
000/C00	63	500	Z211438H	9
000/C00	80	500	Y216543H	9
000/C00	100	500	B219122H	9
000/C00	Neutral	500	W216058J	10
000/C00	Pull handle	500	P215592A	1
00	125	500	R201863C	3
00	160	500	P211084C	3
00	Neutral	500	Z218269J	10
00	Pull handle	500	P215592A	1
0	6	500	H213148C	3
0	10	500	G214159C	3
0	16	500	Q215179C	3
0	20	500	R215686C	3
0	25	500	Y216198C	3
0	32	500	W216702C	3
0	35	500	J217220C	3
0	40	500	P217731C	3
0	50	500	Z218246C	3
0	63	500	N218765C	3
0	80	500	C219284C	3
0	100	500	D219814C	3
0	125	500	P222492C	3
0	160	500	F223013C	3
0	200	500	Q215524A	3
0	224	500	V219645A	3
0	250	500	F222093A	3
0	Neutral	500	Z219304J	10
0	Pull handle	500	P215592A	1
1	16	500	M200801C	3
1	20	500	C201344C	3
1	25	500	N201860C	3
1	32	500	L211081C	3
1	35	500	A211600C	3
1	40	500	Y212633C	3
1	50	500	B213648C	3
1	63	500	L214669C	3
1	80	500	S215687C	3
1	100	500	X216703C	3
1	125	500	Q217732C	3
1	160	500	A218247C	3
1	200	500	P218766C	3
1	224	500	D219285C	3
1	250	500	E219815C	3
1	Neutral	500	A219834E	5
1	Pull handle	500	P215592A	1



Size	Current rating (A)	Voltage (V)	Ref. number with indicator	Packaging
2	16	500	Q222493C	3
2	20	500	G223014C	3
2	25	500	N200802C	3
2	32	500	D201345C	3
2	35	500	P201861C	3
2	40	500	M211082C	3
2	50	500	B211601C	3
2	63	500	Z212634C	3
2	80	500	C213649C	3
2	100	500	M214670C	3
2	125	500	T215688C	3
2	160	500	Y216704C	3
2	200	500	R217733C	3
2	224	500	Q218767C	3
2	250	500	R222494C	3
2	315	500	E201346C	3
2	350	500	Q201862C	3
2	400	500	N211083C	3
2	Neutral	500	N222514E	5
2	Pull handle	500	P215592A	1
3	250	500	C211602A	1
3	300	500	A212635A	1
3	315	500	L213151A	1
3	355	500	K214162A	1
3	400	500	T215182A	1
3	425	500	B216201A	1
3	450	500	Z216705A	1
3	500	500	M217223A	1
3	630	500	S217734A	1
3	Neutral	500	E223035E	5
3	Pull handle	500	P215592A	1

gG Size 2



Ref.R217733C

Double Indication

gG Size 3



Functions

Industrial fuse curve gG (black marking).
 NF EN 60269 and 261 standard.
 Wires and electrical material protection except electrical motors. Selectivity insured when up stream current rating est 2 higher than down stream rating (e.g.100A and 160A).

Breaking capacity : Size 000/C00 : 120 kA - 500 V.
 Other sizes : 100 kA - 500 V
cd/Pb-free.

Applications

Every level protection. General distribution cabinet, machine cabinet, etc...

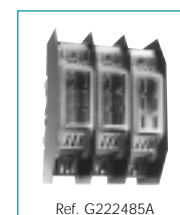
Fuse Holders for contact blade fuses - gG

Number of poles	Ref. number Size 000/00	Ref. number Size 0	Ref. number Size 1	Ref. number Size 2	Ref. number Size 3	Ref. number Size 4	Pack-aging
Fuse Holders (1)							
1 pole	R216192C	S216193C	A223008C	E211075C	X213644C	L091343A (2)	3-1
2 poles	F218758B	P216696B	G200796B	V211595B	B214154B	-	2
3 poles	V219277A	C217214A	Y201340A	D212109A	F214664A	-	1
4 poles	Z223007A	J217726A	H201855A	R212627A	K215174A	-	1
Wall P+1	W212654B	Z213669B	J214690B	J214690B	Q215708B	-	2
Fuse Holders IP 2X (1)							
1 pole	S218240C	G226717C	P226724C	R226726C	T226728C	-	3
3 poles	G222485A	J226719A	Q226725A	S226727A	V226729A	-	1

IP 2X : finger safe (1) DIN rail or screwed mounting (2) Screw mounting



Ref. R216192C



Ref. G222485A



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aM Size 00



Ref. H227868A

aM Size 0



Ref. Z227883A

aM Size 1



Ref. R227899A

aM Size 2



Ref. B227977A

Size	Current rating (A)	Voltage (V)	Ref. number with indicator	Packaging
000/C00	2	690	P227851C	3
000/C00	4	690	Q227852C	3
000/C00	6	690	R227853C	3
000/C00	10	690	S227854C	3
000/C00	16	690	T227855C	3
000/C00	20	690	V227856C	3
000/C00	25	690	W227857C	3
000/C00	32	690	X227858C	3
000/C00	35	690	Y227859C	3
000/C00	40	690	Z227860C	3
000/C00	50	690	A227861C	3
000/C00	63	690	B227862C	3
000/C00	80	500	C227863C	3
000/C00	Neutral	690	W216058JC	10
000/C00	Pull handle	690	P215592AC	1
00	50	690	D227864C	3
00	63	690	E227865C	3
00	80	690	F227866C	3
00	100	690	G227867C	3
00	125	690	H227868C	3
00	160	500	J227869C	3
00	Neutral	690	Z218269J	10
00	Pull handle	690	P215592A	1
0	6	690	K227870C	3
0	10	690	L227871C	3
0	16	690	M227872C	3
0	20	690	N227873C	3
0	25	690	P227874C	3
0	32	690	Q227875C	3
0	35	690	R227876C	3
0	40	690	S227877C	3
0	50	690	T227878C	3
0	63	690	V227879C	3
0	80	690	W227880C	3
0	100	690	X227881C	3
0	125	690	Y227882C	3
0	160	690	Z227883C	3
0	200	500	A227884C	3
0	Neutral	690	Z218269J	10
0	Pull handle	690	P215592A	1
1	16	690	B227885C	3
1	20	690	C227886C	3
1	25	690	D227887C	3
1	32	690	E227888C	3
1	35	690	F227889C	3
1	40	690	G227890C	3
1	50	690	H227891C	3
1	63	690	J227892C	3
1	80	690	K227893C	3
1	100	690	L227894C	3
1	125	690	M227895C	3
1	160	690	N227896C	3
1	200	690	P227897C	3
1	224	690	Q227898C	3
1	250	690	R227899C	3
1	315	500	K227962C	3
1	Neutral	690	A219834E	5
1	Pull handle	690	P215592A	1
2	35	690	L227963C	3
2	40	690	M227964C	3
2	50	690	N227965C	3
2	63	690	P227966C	3
2	80	690	Q227967C	3
2	100	690	R227968C	3
2	125	690	S227969C	3
2	160	690	T227970C	3
2	200	690	V227971C	3
2	224	690	W227972C	3
2	250	690	X227973C	3
2	300	690	Y227974C	3
2	315	690	Z227975C	3
2	355	690	A227976C	3
2	400	690	B227977C	3
2	500	500	C227978C	3
2	Neutral	690	N222514E	5
2	Pull handle	690	P215592A	1



Size	Current rating (A)	Voltage (V)	Ref. number with indicator	Packaging
3	250	630	D227979A	1
3	300	630	E227980A	1
3	315	630	F227981A	1
3	355	630	G227982A	1
3	400	630	H227983A	1
3	425	630	J227984A	1
3	450	630	K227985A	1
3	500	630	L227986A	1
3	630	500	M227987A	1
3	800	400	W228524A	1
3	Neutral	500	E223035E	5
3	Pull handle	500	P215592A	1
4	630	500	E222115A	1
4	800	500	V222865A	1
4	1000	500	S219137A	1
4	1250	500	V219668A	1
4	Neutral	500	L200823A	1
4	Pull handle	500	P215592A	1

aM Size 3



aM Size 4



Functions

Industrial fuse, aM curve (green marking) – Standard NF EN 60269 –1 and 2-1.
 Direct protection of motors, should be used in conjunction with a thermal relay.
 Easy discrimination with gG fuses positioned upstream.

This range of fuses comes with voltage-free puller legs.
 Breaking capacity: 100kA – 500V.
cd/Pb-free.

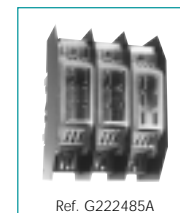
Applications

Protection of all low voltage motors.

Fuse Holders for contact blade fuses - aM

Number of poles	Ref. number Size 000/00	Ref. number Size 0	Ref. number Size 1	Ref. number Size 2	Ref. number Size 3	Ref. number Size 4	Pack-aging
Fuse Holders (1)							
1 pole	R216192C	S216193C	A223008C	E211075C	X213644C	L091343A (2)	3-1
2 poles	F218758B	P216696B	G200796B	V211595B	B214154B	-	2
3 poles	V219277A	C217214A	Y201340A	D212109A	F214664A	-	1
4 poles	Z223007A	J217726A	H201855A	R212627A	K215174A	-	1
Wall P+1	W212654B	Z213669B	J214690B	J214690B	Q215708B	-	2
Fuse Holders IP 2X (1)							
1 pole	S218240C	G226717C	P226724C	R226726C	T226728C	-	3
3 poles	G222485A	J226719A	Q226725A	S226727A	V226729A	-	1

IP 2X : finger safe (1) DIN rail or screwed mounting (2) Screw mounting





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Diazed gG - NDZ, DII, DIII, DIV, DV



Size	Current Rating (A)	Voltage (V)	Color code	Ref. number	Packaging
NDZ	2	500V	pink	W212539E	5
NDZ	4	500V	brown	G213055E	5
NDZ	6	500V	green	C213557E	5
NDZ	10	500V	red	B214062E	5
NDZ	16	500V	grey	J214575E	5
NDZ	20	500V	blue	Q215087E	5
NDZ	25	500V	yellow	Q215593E	5
DII	2	500V	pink	Z219718E	5
DII	4	500V	brown	G222163E	5
DII	6	500V	green	B222917E	5
DII	10/6*	500V	red	D213558E	5
DII	10	500V	red	K200707E	5
DII	16	500V	grey	K201765E	5
DII	20	500V	blue	A211508E	5
DII	25	500V	yellow	X212540E	5
DIII	35	500V	black	C214063E	5
DIII	50	500V	white	K214576E	5
DIII	63	500V	copper	R215088E	5
DIV	80	500V	silver	V216609J	10
DIV	100	500V	red	M217637J	10
DV	125	500V	yellow	V218150J	10
DV	160	500V	copper	G218667J	10
DV	200	500V	blue	W219186J	10

* with contact base for 6A (without marking VDE test).

Neozed gG - D01, D02, D03



Size	Current Rating (A)	Voltage (V)	Color code	Ref. number	Packaging
D01	2	400V AC / 250V DC	pink	T214676J	10
D01	4	400V AC / 250V DC	brown	W200809J	10
D01	6	400V AC / 250V DC	green	B215695J	10
D01	10	400V AC / 250V DC	red	W211090J	10
D01	13	400V AC / 250V DC	black	C201206J	10
D01	16	400V AC / 250V DC	grey	R223023J	10
D02	20	400V AC / 250V DC	blue	B217742J	10
D02	25	400V AC / 250V DC	yellow	W213160J	10
D02	35	400V AC / 250V DC	black	R219826J	10
D02	50	400V AC / 250V DC	white	D215191J	10
D02	63	400V AC / 250V DC	copper	C201873J	10
D03	80	400V AC / 250V DC	silver	L216716J	10
D03	100	400V AC / 250V DC	red	N212647J	10

Neozed aM - D02

Size	Current Rating (A)	Voltage (V)	Color code	Ref. number	Packaging
D02 aM	20	400V AC / 440V DC	blue	H211607J	10
D02 aM	25	400V AC / 440V DC	yellow	F212640J	10
D02 aM	35	400V AC / 440V DC	black	J213655J	10



6JX Fuses

Size	Current Rating (A)	Voltage (V AC)	Ref. number	Packaging
10.3 x 38	0.10	600	C079651J	10
10.3 x 38	0.125	600	D079652J	10
10.3 x 38	0.2	600	K079681J	10
10.3 x 38	0.25	600	L079682J	10
10.3 x 38	0.3	600	T082334J	10
10.3 x 38	0.5	600	R083068J	10
10.3 x 38	0.75	600	Q079686J	10
10.3 x 38	1	600	S080838J	10
10.3 x 38	1.5	600	E079745J	10
10.3 x 38	2	600	S083069J	10
10.3 x 38	2.5	600	K082326J	10
10.3 x 38	3	600	A080293J	10
10.3 x 38	3.5	600	F082690J	10
10.3 x 38	4	600	E083471J	10
10.3 x 38	5	600	X089398J	10
10.3 x 38	6	600	B082686J	10
10.3 x 38	7	600	W079783J	10
10.3 x 38	8	600	B080294J	10
10.3 x 38	9	600	R079848J	10
10.3 x 38	10	600	E082689J	10
10.3 x 38	12	600	W089397J	10
10.3 x 38	15	600	F082805J	10
10.3 x 38	20	600	S079849J	10
10.3 x 38	25	600	K079865J	10
10.3 x 38	30	600	S079895J	10



Applications

Control circuit, small motor and control transformer protection.

Functions

Industrial fuse, curve close from Class J curve but in size 10 x 38 with 100 kA I.R. UL Listed, CSA Certified.

6JX Fuses

Fuse Holders

Finger safe Fuse Holder (IP 20)	Ref. Number
1 pole	Y213944
1 pole with indicator	L214462
2 poles	N217523
2 poles with indicators	Z218039
3 poles	C218548
3 poles with indicators	Y219073
3 poles with indicators and a 4th neutral pole	P219594
3 poles with a 4th neutral pole	H222049
4 poles	R222793
4 poles with indicators	F223312
Assembly kit for 2 poles	F201646
Assembly kit for 3 poles	C205047
Assembly kit for 4 poles	P211383
Pole with Integral Neutral Link	W201131

Finger safe Fuse Holder (IP 20)	Ref. Number
	ADDER N211888
	1 pole A212405
Screw w/double quick connects at both ends	2 poles E214456
	3 poles F214963
	4 poles J215472
	ADDER S218033
	1 pole Y218544
Pressure plate (sems) w/double quick connects at both ends	2 poles K222787
	3 poles B201642
	4 poles H211377
	ADDER F214457
	1 pole G214964
Copper box	2 poles L216486
	3 poles Z217004
	4 poles J217519



Fuse Holders



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gG - Type A



Size	Voltage (V)	Current rating (A)	Reference number	Packaging
A1	415VAC gG	2	N226263J	10
A1	415VAC gG	4	P226264J	10
A1	415VAC gG	6	Q226265J	10
A1	415VAC gG	10	R226266J	10
A1	415VAC gG	16	S226267J	10
A1	415VAC gG	20	T226268J	10
A1	415VAC gG	25	V226269J	10
A1	415VAC gG	32	W226270J	10
A2	415VAC gG	2	Z226273J	10
A2	415VAC gG	4	A226274J	10
A2	415VAC gG	6	B226275J	10
A2	415VAC gG	10	C226276J	10
A2	415VAC gG	16	D226277J	10
A2	415VAC gG	20	V227833J	10
A2	415VAC gG	25	E226278J	10
A2	415VAC gG	32	F226279J	10
A3	415VAC gG	40	L226284J	10
A3	415VAC gG	50	M226285J	10
A3	415VAC gG	63	N226286J	10
A3	415VAC gG	80	P226287J	10
A3	415VAC gG	100	Q226288J	10
A4	415VAC gG	32	T226291E	10
A4	415VAC gG	40	V226292E	10
A4	415VAC gG	50	W226293E	10
A4	415VAC gG	63	X226294E	10
A4	415VAC gG	80	Y226295E	10
A4	415VAC gG	100	Z226296E	10
asA4	415VAC gG	125	D226300E	10
asA4	415VAC gG	160	E226301E	10
asA4	415VAC gG	200	F226302E	10

gG - Type B



Size	Voltage (V)	Current rating (A)	Reference number	Packaging
asB1	415VAC gG	32	J226305J	10
asB1	415VAC gG	40	K226306J	10
asB1	415VAC gG	50	L226307J	10
asB1	415VAC gG	63	M226308J	10
B1	415VAC gG	80	N226309E	5
B1	415VAC gG	100	P226310E	5
B2	415VAC gG	125	T226314E	5
B2	415VAC gG	160	V226315E	5
B2	415VAC gG	200	W226316E	5
B3	415VAC gG	250	Z226319A	5
B3	415VAC gG	315	A226320A	5
asB3	415VAC gG	250	C26322A	5
asB3	415VAC gG	315	D26323A	5
B4	415VAC gG	355	E226324A	1
B4	415VAC gG	400	F226325A	1

gG - Type C



Size	Voltage (V)	Current rating (A)	Reference number	Packaging
C1	415VAC gG	355	G226326A	1
C1	415VAC gG	400	H226327A	1
C2	415VAC gG	450	A226328A	1
C2	415VAC gG	500	K226329A	1
C2	415VAC gG	560	L226330A	1
C2	415VAC gG	630	M226331A	1
C3	415VAC gG	670	N226332A	1
C3	415VAC gG	710	P226333A	1
C3	415VAC gG	750	Q226334A	1
C3	415VAC gG	800	R226335A	1



gG - Type F

Size	Voltage (V)	Current rating (A)	Reference number	Packaging
F1	415VAC gG	2	S226336J	10
F1	415VAC gG	4	T226337J	10
F1	415VAC gG	6	V226338J	10
F1	415VAC gG	10	W226339J	10
F1	415VAC gG	16	X226340J	10
F1	415VAC gG	20	Y226341J	10
F1	415VAC gG	25	Z226342J	10
F1	415VAC gG	32	A226343J	10
F2	415VAC gG	10	D226346J	10
F2	415VAC gG	16	E226347J	10
F2	415VAC gG	20	F226348J	10
F2	415VAC gG	25	G226349J	10
F2	415VAC gG	32	H226350J	10
F2	415VAC gG	40	J226351J	10
F2	415VAC gG	50	K226342J	10
F2	415VAC gG	62	L226353J	10



gM - Type A

Size	Voltage (V)	Current rating (A)	Reference number	Packaging
A1	415VAC gM	20M25	X226271J	10
A1	415VAC gM	20M32	Y226272J	10
A2	415VAC gM	32M40	G226280J	10
A2	415VAC gM	32M50	H226281J	10
A2	415VAC gM	32M63	K226283J	10
A3	415VAC gM	63M80	R226289J	10
A3	415VAC gM	63M100	S226290J	10
A4	415VAC gM	100M125	A226297E	5
A4	415VAC gM	100M160	B226298E	5
A4	415VAC gM	100M200	C226299E	5
A4X	415VAC gM	200M250	G226303A	1
A4X	415VAC gM	200M315	H226304A	1



gM - Type B

Size	Voltage (V)	Current rating (A)	Reference number	Packaging
B1	415VAC gM	100M125	Q226311E	5
B1	415VAC gM	100M160	R226312E	5
B1	415VAC gM	100M200	S226313E	5
B2	415VAC gM	200M250	X226317A	1
B2	415VAC gM	200M315	Y226318A	1
B3	415VAC gM	315M400	B226321A	1



gM - Type F1

Size	Voltage (V)	Current rating (A)	Reference number	Packaging
F1	415 VAC gM	20M25	B226344J	10
F1	415 VAC gM	20M32	C226345J	10

BS 88 - gL / gM

Extremely Fast Acting Cylindrical Fuses (UR)

10.3 x 38



Ref. G330010J

Size	Current rating (A)	Voltage (V AC)	Ref. number w/o trip-indicator	Packaging
10.3 x 38	100mA	600 V URD	H077632J	10
10.3 x 38	125mA	600 V URD	J077633J	10
10.3 x 38	160mA	600 V URD	K077634J	10
10.3 x 38	200mA	600 V URD	L077635J	10
10.3 x 38	250mA	600 V URD	M077636J	10
10.3 x 38	315mA	600 V URD	N077637J	10
10.3 x 38	400mA	600 V URD	P077638J	10
10.3 x 38	500mA	600 V URD	Q077639J	10
10.3 x 38	630mA	600 V URD	R077640J	10
10.3 x 38	800mA	600 V URD	S077641J	10
10.3 x 38	1	660 V gRC	Z330279J	10
10.3 x 38	1.25	660 V gRB	X330001J	10
10.3 x 38	1.5	660 V gRB	Y330002J	10
10.3 x 38	2	660 V gRB	Z330003J	10
10.3 x 38	2.5	660 V gRB	A330004J	10
10.3 x 38	3	660 V gRB	B330005J	10
10.3 x 38	4	660 V gRB	C330006J	10
10.3 x 38	5	660 V gRB	D330007J	10
10.3 x 38	6	660 V gRB	E330008J	10
10.3 x 38	8	660 V gRB	F330009J	10
10.3 x 38	10	660 V gRB	G330010J	10
10.3 x 38	12.5	660 V gRB	H330011J	10
10.3 x 38	16	660 V gRB	J330012J	10
10.3 x 38	20	660 V gRB	K330013J	10
10.3 x 38	25	660 V gRB	L330014J	10
10.3 x 38	30	660 V gRB	M330015J	10
10.3 x 38	32	660 V gRB	Y330278J	10
10.3 x 38	Neutral		R211569J	10

Functions

Ultra fast protection fuse for semi conductors, very short circuit current limiting, low it. Full range fuse. No use to install external device against overloads. NF standard EN 60269-1 and 4.

Breaking capacity :

200 kA (100 mA to 800 mA)

160 kA (1 to 32 A).

Applications

Power semi conductor protection of soft starters, static relays, UPS, ...

Disconnecting fuse holder ST - 10.3 x 38



Ref. F081241D

Fuse holder	1 pole 1 Module	1 + N 2 Modules	2 2 Modules	3 3 Modules	3 + N 4 Modules	Equiped with neutral
Without pre isolation system	☒ G081219C	D081239A	E081240A	F081241A	G081242A	H081220K(1)
With pre isolation system	S081252A		W081255A	Z081258A	C081261A	
Packaging	Letter C=3 - A=1		1	1	1	12

MSC and CMS fuse holder range can also be used. See p. 13

(1) non ☒



Extremely Fast Acting Cylindrical Fuses 660V (UR)

Size	Current rating (A)	Voltage (V AC)	Ref. number w/o trip-indicator	Ref. number with trip-indicator	Packaging
14 x 51	8	660 V URGB	T078033J	D078042J	10
14 x 51	10	660 V URGB	V078034J	E078043J	10
14 x 51	12	660 V URGB	W078035J	F078044J	10
14 x 51	16	660 V URGB	X078036J	G078045J	10
14 x 51	20	660 V URGB	Y078037J	H078046J	10
14 x 51	25	660 V URGB	Z078038J	J078047J	10
14 x 51	32	660 V URGB	A078039J	K078048J	10
14 x 51	40	660 V URGB	B078040J	L078049J	10
14 x 51	50	660 V URGB	C078041J	M078050J	10
14 x 51	6	660V URC	K081475J	G081518J	10
14 x 51	8	660V URC	S093902J	C093911J	10
14 x 51	10	660V URC	T093903J	D093912J	10
14 x 51	12	660V URC	V093904J	E093913J	10
14 x 51	16	660V URC	W093905J	F093914J	10
14 x 51	20	660V URC	X093906J	G093915J	10
14 x 51	25	660V URC	Y093907J	H093916J	10
14 x 51	32	660V URC	Z093908J	J093917J	10
14 x 51	40	660V URC	A093909J	T100136J	10
14 x 51	50	660V URC	B093910J	V100137J	10
14 x 51	Neutral		M212600J	M212600J	10
14 x 51	Pull handle		M097554A	M097554A	1

14 x 51



Ref. A078039J

Size	Current rating (A)	Voltage (V AC)	Ref. number w/o trip-indicator	Ref. number with trip-indicator	Packaging
22 x 58	8	600 V URGA	J081060J	C081468J	10
22 x 58	10	600 V URGA	K081061J	D081469J	10
22 x 58	12	600 V URGA	L081062J	E081470J	10
22 x 58	16	600 V URGA	S081081J	F081471J	10
22 x 58	20	600 V URGA	T0813915	G081472J	10
22 x 58	25	660 V URGA	C095245J	T095260J	10
22 x 58	32	660 V URGA	D095246J	V095261J	10
22 x 58	40	660 V URGA	E095247J	W095262J	10
22 x 58	50	660 V URGA	F095248J	X095263J	10
22 x 58	63	660 V URGA	G095249J	Y095264J	10
22 x 58	80	660 V URGA	H095250J	Z095265J	10
22 x 58	100	660 V URGA	N078051J	N098222J ⁽¹⁾	10
22 x 58	Neutral		R213616J	R213616J	10
22 x 58	Pull handle		K100036A	K100036A	1

22 x 58



Ref. G095249J

(1) Nominal Voltage 600 V AC

Functions

Extremely fast acting fuse for semiconductor protection, short circuit current limiting, very low I²t. Sizes 14 x 51 and 22 x 58: fuse with minimum breaking current (class aR) requiring an external device to eliminate overloads (less or equal to 2IN). Standard NF EN 60269-01 and 4. Breaking capacity: 200kA at rated voltage.

See fuse holders p. 22

Applications

Protection of semiconductors in soft starters, static relays, uninterruptible power supplies (UPS), variable speed drives, frequency converters.

Cylindrical Protistor® Fuses

Fuse Holders



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Full range Cylindrical 690V (gR)

14 x 51



Size	Current rating (A)	Voltage (V AC)	Ref. number w/o trip-indicator	Ref. number with trip-indicator	Packaging
14 x 51	1	690 V gRC	E221080J	F221081J	10
14 x 51	2	690 V gRC	H081473J	L081476J	10
14 x 51	4	690 V gRC	J081474J	F081517J	10
14 x 51	6	690 V gRC	T220909J	B220939J	10
14 x 51	8	690 V gRC	S220908J	A220938J	10
14 x 51	10	690 V gRC	R220907J	Z220937J	10
14 x 51	12	690 V gRC	Q220906J	Y220936J	10
14 x 51	16	690 V gRC	P220905J	X220935J	10
14 x 51	20	690 V gRC	E220735J	W220934J	10
14 x 51	25	690 V gRC	N220904J	V220933J	10
14 x 51	32	690 V gRC	W220819J	V220818J	10
14 x 51	40	690 V gRC	M220903J	M220949J	10
14 x 51	50	690 V gRC	L220902J	N220950J	10
14 x 51	Neutral		M212600J	M212600J	10
14 x 51	Pull handle		M097554A	M097554A	1

22 x 58



22 x 58	20	690 V gRC	C220940J	D220734J	10
22 x 58	25	690 V gRC	B220916J	G220921J	10
22 x 58	32	690 V gRC	A220915J	F220920J	10
22 x 58	40	690 V gRC	Z220914J	E220919J	10
22 x 58	50	690 V gRC	Y220913J	D220918J	10
22 x 58	63	690 V gRC	X220912J	C220733J	10
22 x 58	80	690 V gRC	Y220821J	X220820J	10
22 x 58	100	690 V gRC	W220911J	C220917J	10
22 x 58	Neutral		R213616J	R213616J	10
22 x 58	Pull handle		K100036A	K100036A	1

Functions

Ultra fast protection fuse for semi conductors, very short circuit current limiting, low it.
 Full range fuse. No use to install external device against overloads.

Applications

Power semi conductor protection of soft starters, static relays, UPS, ...

Disconnecting fuse holder ST - 14 x 51

Fuse	1 pole	1 + N	2	3	3 + N	4	Neutral equipped
Without pre isolation system RU	J081221K	H081243A	J081244A	K081245A	L081246A	-	L081223K (1)
With pre isolation system		G081265A	-	K081268A	N081271A	X081394A	-
With blown fuse indication		R081067A	Y220131A	T081069A	V081070A	W081071A	-
With pre isolation system+blown fuse indic. B081398A		F221357A	E081401A	J081428A	P081548A	P205081A	-
Side handles*		F081264A	F081264A	F081264A	F081264A	F081264A	-

Packaging

Letter K=12 - A=1

1

1

1

1

1

12

* must be used with pre isolated system

(1) non **RU**

Disconnecting fuse holder ST - 22 x 58

Fuse	1 pole	1 + N	2	3	3 + N	4	Neutral equipped
Without pre isolation system RU	F220368C	D220389A	B220387A	C220388A	E220390A	-	E220367C (1)
with blown fuse indication		N220398A	D220619A	S220402A	-	H205926A	-
With pre isolation system	M220397A	E220620A	R220401A	V209640A	Q209636A	-	-
With pre isolation system+blown fuse indic.	P220399A	D220573A	T220403A	T209639A	P209635A	-	-
With double pre isolation + Side handles	-	-	-	R209637A	N209634A	-	-
With double pre isolation+blown fuse indic.+ side handle	-	-	-	S209638A	M209633A	-	-

Packaging

Letter C=3 - A=1

1

1

1

1

1

3

MSC and CMS fuse holder range can also be used. See p. 13

(1) non **RU**



Extremely Fast Acting Cylindrical Fuses 27 x 60

Size	Rating (A)	Voltage (V)	Reference with indicator	Packaging
27 x 60	63	660V URGD	A076820C	3
27 x 60	80	660V URGD	B076821C	3
27 x 60	100	660V URGD	C076822C	3
27 x 60	125	660V URGD	D076823C	3
27 x 60	160	660V URGD	E076824C	3
27 x 60	200	660V URGD	F076825C	3
27 x 60	50	660V URQ	N075958C	3
27 x 60	63	660V URQ	V076309C	3
27 x 60	80	660V URQ	W076310C	3
27 x 60	100	660V URQ	R078330C	3
27 x 60	125	660V URQ	S078331C	3
27 x 60	160	660V URQ	X076311C	3
27 x 60	200	660V URQ	T078332C	3
27 x 60	250	660V URQ	T076308C	3
27 x 60	25	1000V URB	W220198J	10
27 x 60	32	1000V URB	S081298C	3
27 x 60	40	1000V URB	R081297C	3
27 x 60	50	1000V URB	Q081296C	3
27 x 60	63	1000V URB	P081295C	3
27 x 60	80	1000V URB	N081294C	3
27 x 60	100	1000V URB	M081293C	3
27 x 60	125	1000V URB	L081292C	3
27 x 60	160	1000V URB	K081291C	3
27 x 60	170	1000V URB	Z080338J	10
27 x 60	8	800V gRB	R221436C	3
27 x 60	10	800V gRB	S221437C	3
27 x 60	12	800V gRB	T221438C	3
27 x 60	16	800V gRB	V221439C	3
27 x 60	20	800V gRB	W221440C	3
27 x 60	25	800V gRB	X221441C	3
27 x 60	32	800V gRB	Y221442C	3
27 x 60	40	800V gRB	Z221443C	3
27 x 60	50	800V gRB	A221444C	3
27 x 60	63	800V gRB	B221445C	3
27 x 60	80	800V gRB	C221446C	3
27 x 60	100	800V gRB	D221447C	3
27 x 60	110	800V gRB	E221448C	3



Functions

Extremely fast acting fuse for semiconductor protection, short circuit current limiting, very low I^2t . Size 27 x 60 fuse with minimum breaking current (class aR) requiring an external device to eliminate overloads (less or equal to 2IN). gRB is full range curve.

Standard NF EN 60269-01 and 4.

Breaking capacity: 200kA at rated voltage.

Applications

Protection of semiconductors in soft starters, static relays, uninterruptible power supplies (UPS), variable speed drives, frequency converters.

Fuse Bases and Accessories size 27 x 60

Fuse Holders	1	1 + N 2 modules	2	3	3 + N 4 modules	Neutral
US 27	J226420C	K226421A	L226422A	M226423A	N226424A	B210152C
US 27 + MC	R227600C		S227601A	V227603A	X227605A	
US 27 + Connection plates	B223515C	E223518A	C223516A	D223517A	F223519C	
Micro switch	E227612A	E227612A	E227612A	E227612A	E227612A	
Assembly kit	H227615A	H227615A	H227615A	H227615A	H227615A	
Packaging	Letter C=3 - A=1	1	1	1	C=3 - A=1	3

(1) US 27 maximum thermal current 150A, over use PS27 range



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German Standard Size 17 x 49 DIN 80



REF. S220977C



REF. C221009C

Size	Voltage (V)	Current rating (A)	Reference without blown fuse	Reference with separate blown fuse	Packaging
17 x 49	690 V gRB	12	M220972C	X221004C	3
17 x 49	690 V gRB	16	N220973C	Y221005C	3
17 x 49	690 V gRB	20	P220974C	Z221006C	3
17 x 49	690 V gRB	25	Q220975C	A221007C	3
17 x 49	690 V gRB	32	R220976C	B221008C	3
17 x 49	690 V gRB	35	S220977C	C221009C	3
17 x 49	690 V gRB	40	T220978C	D221010C	3
17 x 49	690 V gRB	45	V220979C	E221011C	3
17 x 49	690 V gRB	50	W220980C	F221012C	3
17 x 49	690 V gRB	55	X220981C	G221013C	3
17 x 49	690 V gRB	63	Y220982C	H221014C	3
17 x 49	690 V gRB	75	Z220983C	J221015C	3
17 x 49	690 V gRB	80	A220984C	K221016C	3
17 x 49	690 V gRB	90	B220985C	L221017C	3
17 x 49	690 V gRB	100	C220986C	M221018C	3

British Standard Size 17 x 49



Ref. Z220960C



Size	Voltage (V)	Current rating (A)	Reference without blown fuse	Reference with separate blown fuse	Packaging
17 x 49	690 V gRB	12	W220957C	D220987C	3
17 x 49	690 V gRB	16	X220958C	E220988C	3
17 x 49	690 V gRB	20	Y220959C	F220989C	3
17 x 49	690 V gRB	25	Z220960C	G220990C	3
17 x 49	690 V gRB	32	A220961C	H220991C	3
17 x 49	690 V gRB	35	B220962C	J220992C	3
17 x 49	690 V gRB	40	C220963C	K220993C	3
17 x 49	690 V gRB	45	D220964C	L220994C	3
17 x 49	690 V gRB	50	E220965C	M220995C	3
17 x 49	690 V gRB	55	F220966C	N220996C	3
17 x 49	690 V gRB	63	G220967C	P220997C	3
17 x 49	690 V gRB	75	H220968C	Q220998C	3
17 x 49	690 V gRB	80	J220969C	R220999C	3
17 x 49	690 V gRB	90	K220970C	S221000C	3
17 x 49	690 V gRB	100	L220971C	T221001C	3

Functions Norme NF EN 60269-1 et 4

German standard DIN 43653 (17x49 80mm between axes) and British standard BS88-4.

Extremely fast acting, short circuit current limiting.

Very low I²t.

gRB curves (class gR) are full range fuse and clear all overloads.

Applications

Protection of semi-conductors in soft starters, static relays, uninterruptible power supplies (UPS), variable speed drives.

Fuse Holders Size 000 DIN 80



Ref. C220710C

Fuse Holders	Ref. number Size 000	Packaging
DIN 80	C220710C	3

Other blade contact fuse : see page 15.



German standard Size 000 DIN

Size	Voltage (V)	Current rating (A)	References PV without blown fuse	References D08 without blown fuse	References D08V with blown fuse indicator	References D08L with blown fuse trip indicator	Pack-aging
000	660 V gRB	16	Y210609C		C330190C	X330277C	3
000	660 V gRB	20	Z210610C	D330030C	P330017C	J330173C	3
000	660 V gRB	25	A210611C	E330031C	Q330018C	K330174C	3
000	660 V gRB	32	B210612C	F330032C	R330019C	L330175C	3
000	660 V gRB	40	C210613C	G330033C	S330020C	M330176C	3
000	660 V gRB	50	D210614C	H330034C	T330021C	N330177C	3
000	660 V gRB	63	E210615C	J330035C	V330022C	P330178C	3
000	660 V gRB	80	F210616C	A330073C	G330102C	Q330179C	3
000	660 V gRB	100	G210617C	S330112C	Q330110C	R330180C	3
000	660 V gRB	125	H210618C	T330113C	R330111C	S330181C	3
000	690 V URB	10	B320000C				3
000	690 V URB	16	P320035C				3
000	690 V URB	20	R320037C				3
000	690 V URB	25	T320039C				3
000	690 V URB	32	Y320043C				3
000	690 V URB	40	C320047C				3
000	690 V URB	50	G320051C				3
000	690 V URB	63	L320055C				3
000	690 V URB	80	Q320059C	K330036C	W330023C	T330182C	3
000	690 V URB	100	V320063C	L330037C	X330024C	V330183C	3
000	690 V URB	125	X320065C	M330038C	Y330025C	W330184C	3
000	690 V URB	160	B320069C	N330039C	Z330026C	X330185C	3
000	690 V URB	200	D320071C	P330040C	A330027C	Y330186C	3
000	690 V URB	250	H320075C	Q330041C	B330028C	Z330187C	3
000	690 V URB	315	M320079C	R330042C	C330029C	A330188C	3
000	660 V URB	350		V330114C	W330115C	B330189C	3
000	660 V URB	400		D330191C	E330192C	F330193C	3
000	Neutral		Z218269J	Z218269J	Z218269J	Z218269J	10
000	Micro switches		F210156C	F210156C	F210156C	F210156C	3
000	Extraction puller		K217244A			K217244A	1
000	Fuse Holder		C220710C	F215170C	F215170C	F215170C	3



German standard Size 00 DIN

Size	Voltage (V)	Current rating (A)	References PV without blown fuse	References D08L with blown fuse trip indicator	References D11L with blown fuse trip indicator	Packaging
00	690 V gRB	16	L330267C	S330273C	W330276C	3
00	690 V gRB	20	W330207C	S330227C	P330247C	3
00	690 V gRB	25	X330208C	T330228C	Q330248C	3
00	690 V gRB	32	Y330209C	V330229C	R330249C	3
00	690 V gRB	40	Z330210C	W330230C	S330250C	3
00	690 V gRB	50	A330211C	X330231C	T330251C	3
00	690 V gRB	63	B330212C	Y330232C	V330252C	3
00	690 V gRB	80	C330213C	Z330233C	W330253C	3
00	690 V gRB	100	D330214C	A330234C	X330254C	3
00	690 V gRB	125	E330215C	B330235C	Y330255C	3
00	690 V gRB	160	F330216C	C330236C	Z330256C	3
00	690 V URB	16		W330275C		3
00	690 V URB	20	A320137C	T330274C		3
00	690 V URB	25	C320139C	M330268C		3
00	690 V URB	32	G320143C	N330269C		3
00	690 V URB	40	L320147C	P330270C		3
00	690 V URB	50	Q320151C	Q330271C		3
00	690 V URB	63	V320155C	R330272C		3
00	690 V URB	80	Z320159C	D330237C	A330257C	3
00	690 V URB	100	D320163C	E330238C	B330258C	3
00	690 V URB	125	F320165C	F330239C	C330259C	3
00	690 V URB	160	K320169C	G330240C	D330260C	3
00	690 V URB	200	M320171C	H330241C	E330261C	3
00	690 V URB	250	R320175C	J330242C	F330262C	3
00	690 V URB	315	W320179C	K330243C	G330263C	3
00	690 V URB	350		L330244C	H330264C	3
00	690 V URB	400		M330245C	J330265C	3
00	Neutral			Z218269J	Z218269J	10
00	Micro switches		F210156C	F210156C	F210156C	3
00	Extraction puller		K217244A	K217244A	K217244A	1
00	Fuse Holder		C220710C	Q098040C	F215170C	3



Protistor® Fuses Sizes 000-00 DIN

DIN 43653 for D08 designation
 DIN 43620 for PV designation



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Extremely Fast Acting Fuses (UR)

DIN Blades Size 0



Size	Current rating (A)	Voltage (V AC)	Ref. number with trip-indicator	Packaging
0	32	690 V	Q320243C	3
0	40	690 V	V320247C	3
0	50	690 V	Z320251C	3
0	63	690 V	D320255C	3
0	80	690 V	H320259C	3
0	100	690 V	M320263C	3
0	125	690 V	P320265C	3
0	160	690 V	T320269C	3
0	200	690 V	W320271C	3
0	250	690 V	A320275C	3
0	315	690 V	E320279C	3
0	Neutral		Z219304J	10
0	Pull handle		P215592A	1
0	Micro Switch		H210158A	1

DIN Blades Size 1



Size	Current rating (A)	Voltage (V AC)	Ref. number with trip-indicator	Packaging
1	63	690 V	M320355C	3
1	80	690 V	K320399C	3
1	100	690 V	W320363C	3
1	125	690 V	Y320365C	3
1	160	690 V	C320369C	3
1	200	690 V	E320371C	3
1	250	690 V	J320375C	3
1	315	690 V	N320379C	3
1	350	690 V	P320380C	3
1	400	690 V	S320383C	3
1	Neutral		A219834E	5
1	Pull handle		P215592A	1
1	Micro Switch		H210158A	1

DIN Blades Size 2



Size	Current rating (A)	Voltage (V AC)	Ref. number with trip-indicator	Packaging
2	160	690 V	L320469C	3
2	200	690 V	N320471C	3
2	250	690 V	S320475C	3
2	315	690 V	X320479C	3
2	350	690 V	Y320480C	3
2	400	690 V	B320483C	3
2	450	690 V	D320485C	3
2	500	690 V	F320487C	3
2	550	690 V	G320488C	3
2	630	690 V	H320489C	3
2	700	690 V	J320490C	3
2	Neutral		N222514E	5
2	Pull handle		P215592A	1
2	Micro Switch		H210158A	1

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DIN Blades Size 3

Size	Current rating (A)	Voltage (V AC)	Ref. number with trip-indicator	Packaging
3	315	690 V	F320579C	3
3	350	690 V	G320580C	3
3	400	690 V	K320583C	3
3	500	690 V	P320587C	3
3	550	690 V	Q320588C	3
3	630	690 V	R320589C	3
3	700	690 V	S320590C	3
3	800	690 V	T320591C	3
3	900	690 V	V320592C	3
3	1000	690 V	W320593C	3
3	Neutral		E223035E	5
3	Pull handle		P215592A	1
3	Micro Switch		H210158A	1



Functions

German dimensional measurement standard DIN 43620.
 Industrial fuses for the protection of extremely fast acting semiconductors, short circuit current limiting.
 Very low I²T.
 Fuses with minimum breaking current (class aR) requiring an external device to eliminate overloads (less or equal to 4 I_n).
 Fuse standard NF EN 60269-1 and -4.
 Can be mounted in fused switches.

Applications

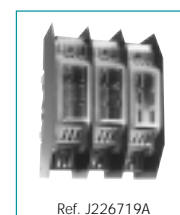
Protection of semiconductors in soft starters, static relays, uninterruptible power supplies (UPS), variable speed drives..

Protistor® Fuse DIN terminals

DIN Blades Fuse Holders

Number of poles	Ref. number size 0	Ref. number size 1	Ref. number size 2	Ref. number size 3	Packaging
Fuse Holder					
1 pole	S216193C	A223008C	E211075C	X213644C	3
2 poles	P216696B	G200796B	V211595B	B214154B	2
3 poles	C217214A	Y201340A	D212109A	F214664A	1
4 poles	J217726A	H201855A	R212627A	K215174A	1
Wall P+1	Z213669B	J214690B	J214690B	Q215708B	2
Fuse Holder IP 2X ⁽¹⁾.					
1 pole	G226717C	P226724C	R226726C	T226728C	3
3 poles	J226719A	Q226725A	S226727A	V226729A	1

IP 2X : finger safe
 (1) DIN rail or screwed mounting



Fuse Holders



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BS 88-4 / 250 V



Current rating (A)	Voltage (V AC)	10 x 28 Ref. number w/out trip-indic.	Condit.	Current rating (A)	Voltage (V AC)	17 x 27 Ref. number w/out trip-indic.	17 x 27 Ref. number with trip-indic.	Packaging
5	250 V URE	M082489J	10	7	250 V URGS	M076647J	RU P097533J	10
6	250 V URE	E097478J	10	10	250 V URGS	N076648J	RU Q097534J	10
10	250 V URE	L082488J	10	12	250 V URGS	P076649J	RU S097536J	10
12	250 V URE	P097487J	10	16	250 V URGS	Q076650J	RU X097540J	10
15	250 V URE	K082487J	10	20	250 V URGS	L097507J	RU B097544J	10
20	250 V URE	J082486J	10	25	250 V URGS	R076651J	RU D097546J	10
25	250 V URE	X097494J	10	30	250 V URGS	S076652J	RU E097547J	10
32	250 V URE	N081984J	10	35	250 V URGS	T076653J	RU F097548J	10
				50	250 V URGS	V076654J	RU J097551J	10
				60	250 V URGS	W076655J	RU H081082J	10
				75	250 V URGS	X076656J	RU K097552J	10
				80	250 V URGS	Z085559	RU L097553J	10
				100	250V V URZ	Y085558J	RU P097556J	10
				125	250V V URZ	G097526J	RU Q097557J	10
				150	250V V URZ	W085556J	RU R097558J	10
				160	250V V URZ	H097527J	RU S097559J	10
				180	250V V URZ	N097532J	RU T097560J	10
							Y301015C	3
Microswitch								



Current rating (A)	Voltage (V AC)	36 x 27 Ref. Without trip indicator	36 x 27 Ref. with built-in trip indicator	36 x 27 Ref. with sep. trip indic. ator	2 x 36 x 27 Ref. Without trip indicator	2 x 36 x 27 Ref. With built-in trip indicator	2 x 36 x 27 Ref. with sep. trip indic. ator	Packaging
50	250 V AC URGG	J080945F	F080942F	C080939C				6
75	250 V AC URGG	K080946F	G080943F	D080940C				6
100	250 V AC URGG	L080947F	H080944F	E080941C				6
125	250 V AC URGG	R082470F	W082382F	Y081004C				6
150	250 V AC URGG	Q082469F	V082381F	X081003C				6
200	250 V AC URGG	P082468F	T082380F	W081002C				6
250	250 V AC URGG	N082467F	S082379F	V081001C				6
300	250 V AC URGG	M082466F	R082378F	T081000C				6
350	250 V AC URGG	L082465F	Q082377F	S080779				6
400	250 V AC URGG	G075538F	L075542F	P080996C				6
450	250 V AC URGG	H075539F	M075543F	N080995C				6
500	250 V AC URGG	J075540F	N075544F	Y075507C				6
525	250 V AC URGG	K075541F	P075545F					6
Micro switch			P092496C	Y310005C				3
	250 V AC URGH							3
300	250 V AC URGH				K082464C	P082376C	R080998C	3
350	250 V AC URGH				J082463C	N082375C	Q080997C	3
400	250 V AC URGH				H082462C	M082374C	P080996C	3
500	250 V AC URGH				G082461C	L082373C	N080995C	3
600	250 V AC URGH				F082460C	K082372C	M080994C	3
700	250 V AC URGH				E082459C	J082371C	L080993C	3
800	250 V AC URGH				Q075546C	V075550C	Z075508C	3
900	250 V AC URGH				R075547C	R075501C	A075509C	3
1000	250 V AC URGH				S075548C	S075502C	B075510C	3
1050	250 V AC URGH				T075549C	T075503C	C075511C	3
Micro switch						P092496C	Y310005C	3

Functions BS 88-4

BS British standard. Industrial fuses for extremely fast acting semi-conductor protection, short circuit current limiting, very low I²T.

All fuse are class aR requiring an external device to eliminate overloads (less or equal to 4In)
Bolt in mounting on bars or in isolators/insulators.

Breaking capacity: 660V – 200kA
250V – 100kA and 160kA
Standard NF EN 20691 and BS EN 60269-4

Applications

Protection of semiconductor in soft starters, static relays, uninterruptible power supplies (UPS) variable speed drives...



BS88 - 4 / 660 V



Current rating (A)	Voltage (V AC)	10 x 51 Ref. without trip indicator	Voltage (V AC)	17 x 49 Ref. without trip indicator	17 x 49 Ref. with built in trip indicator	Voltage (V AC)	2 x 17 x 49 Ref. without trip-indicator	2 x 17 x 49 Ref. with built-in trip indicator
5	660 VAC URE	D082458J	660 VAC URS			660 VAC URT		
6	660 VAC URE	X097057J	660 VAC URS			660 VAC URT		
10	660 VAC URE	C082457J	660 VAC URS			660 VAC URT		
12	660 VAC URE	Z097059J	660 VAC URS			660 VAC URT		
15	660 VAC URE	B082456J	660 VAC URS			660 VAC URT		
16	660 VAC URE		660 VAC URS	RU G075883C	RU V075895C	660 VAC URT		
20	660 VAC URE	A082455J	660 VAC URS	RU H075884C	RU W075896C	660 VAC URT		
25	660 VAC URE		660 VAC URS	RU J075885C	RU X075897C	660 VAC URT		
32	660 VAC URE		660 VAC URS	RU K075886C	RU Y075898C	660 VAC URT		
35	660 VAC URE		660 VAC URS	RU L075887C	RU Z075899C	660 VAC URT		
40	660 VAC URE		660 VAC URS	RU M075888C	RU A075900C	660 VAC URT		
45	660 VAC URE		660 VAC URS	RU N075889C	RU B075901C	660 VAC URT		
50	660 VAC URE		660 VAC URS	RU P075890C	RU K081084C	660 VAC URT		
55	660 VAC URE		660 VAC URS	RU Q075891C	RU C075902C	660 VAC URT		
63	660 VAC URE		660 VAC URS	RU R075892C	RU D075903C	660 VAC URT		
65	660 VAC URE		660 VAC URS			660 VAC URT	G075906C	L075910C
75	660 VAC URE		660 VAC URS	RU S075893C	RU E075904C	660 VAC URT	F099572C	M075911E
80	660 VAC URE		660 VAC URS	RU T075894C	RU F075905C	660 VAC URT		
85	660 VAC URE		660 VAC URS			660 VAC URT	H075907C	N075912E
90	660 VAC URE		660 VAC URS			660 VAC URT	A099958C	P075913E
100	660 VAC URE		660 VAC URS			660 VAC URT		
110	660 VAC URE		660 VAC URS			660 VAC URT	B099959C	Q075914E
125	660 VAC URE		660 VAC URS			660 VAC URT		
140	660 VAC URE		660 VAC URS			660 VAC URT	J075908C	R075915E
150	660 VAC URE		660 VAC URS			660 VAC URT	C099960C	S075916E
160	660 VAC URE		660 VAC URS			660 VAC URT	K075909C	T075917E
Micro switch		Y310015C		Y310015C	Y310015C		Y310015C	Y310015C

Functions BS 88-4

BS British standard. Industrial fuses for extremely fast acting semi-conductor protection, short circuit current limiting, very low I²T.

All fuse are full range fuse able to clear all overloads (gR). Bolt in mounting on bars or in isolators/insulators.

Breaking capacity: 660V – 200kA

250V – 100kA and 160kA

Standard NF EN 20691 and BS EN 60269-4.

Applications

Protection of semiconductor in soft starters, static relays, uninterruptible power supplies (UPS) variable speed drives...



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BS88 - 4 / 660 V



Current rating (A)	Voltage (V AC)	000 Ref. without blow fuse indicator	000 Ref. with separated blow fuse indicator	Voltage (V AC)	000 BS88Z Ref. without blow fuse indicator	000 BS88Z Ref. with separated blow fuse indicator
16	660 V AC gRB	⚡ S300043C		660 V AC gRB		
20	660 V AC gRB	⚡ T330044C	⚡ Y330117C	660 V AC gRB		
25	660 V AC gRB	⚡ V330045C	⚡ Z330118C	660 V AC gRB		
32	660 V AC gRB	⚡ W330046C	⚡ A330119C	660 V AC gRB		
40	660 V AC gRB	⚡ X330047C	⚡ B330120C	660 V AC gRB		
50	660 V AC gRB	⚡ Z330049C	⚡ C330121C	660 V AC gRB	⚡ V330137C	
63	660 V AC gRB	⚡ A330050C	⚡ D330122C	660 V AC gRB		
65	660 V AC gRB			660 V AC gRB	⚡ W330138C	
75	660 V AC gRB			660 V AC gRB	⚡ X330139C	
80	660 V AC gRB	⚡ N330108C	⚡ E330123C	660 V AC URC		
85	660 V AC gRB			660 V AC URC	⚡ Y330139C	
90	660 V AC gRB			660 V AC URC	⚡ Z330141C	⚡ G330148C
100	660 V AC gRB	⚡ H330103C	⚡ F330124C	660 V AC URC		
110	660 V AC gRB			660 V AC URC	⚡ A330142C	⚡ H330149C
125	660 V AC gRB	⚡ P330109C	⚡ G330125C	660 V AC URC		
150	660 V AC gRB			660 V AC URC	⚡ B330143C	⚡ J330150C
180	660 V AC gRB			660 V AC URC	⚡ C330144C	⚡ K330151C
200	660 V AC gRB			660 V AC URD	⚡ D330145C	⚡ L330152C
250	660 V AC gRB			660 V AC URD	⚡ E330146C	⚡ M330153C
280	660 V AC gRB			660 V AC URC	⚡ F330147C	⚡ N330154C
Micro switch			Y3100015C			Y3100015C

50	660 V AC URB					
65	660 V AC URB					
75	660 V AC URB	⚡ B330051C	⚡ H330126C			
80	660 V AC URB	⚡ C330052C	⚡ J330127C			
100	660 V AC URB	⚡ D330053C	⚡ K330128C			
110	660 V AC URB	⚡ E330100C	⚡ L330129C			
125	660 V AC URB	⚡ E330054C	⚡ M330130C			
150	660 V AC URB	⚡ F330101C	⚡ N330131C			
160	660 V AC URB	⚡ F330055C	⚡ P330132C			
175	660 V AC URB			660 V URC	⚡ P330155C	⚡ Z330164C
200	660 V AC URB	⚡ G330056C	⚡ Q330133C	660 V URC	⚡ Q330156C	⚡ A330165C
235	660 V AC URB			660 V URC	⚡ R330157C	⚡ B330166C
250	660 V AC URB	⚡ H330057C	⚡ R330134C	660 V URC		
300	660 V AC URB			660 V URC	⚡ S330158C	⚡ C330167C
315	660 V AC URB	⚡ J330058C	⚡ S330135C	660 V URC		
325	660 V AC URB			660 V URC	⚡ T330159C	⚡ D330168C
350	660 V AC URB	⚡ X330116C		660 V URC		
355	660 V AC URB			660 V URC	⚡ V330160C	⚡ E330169C
400	660 V AC URB	⚡ G330194C	⚡ T330136C	660 V URC	⚡ W330161C	⚡ F330170C
450	660 V AC URB			660 V URC	⚡ X330162C	⚡ G330171C
500	660 V AC URB			660 V URC	⚡ Y330163C	⚡ H330172C
Micro switch			Y3100015C			Y3100015C

Functions BS 88-4

BS British standard. Industrial fuses for extremely fast acting semi-conductor protection, short circuit current limiting, very low I²T.

gR fuse able to clear all overloads.

URB, URC, URD, URE, URS, fuse with minimum breaking current (class aR) requiring an external device to eliminate overloads (less or equal to 4In).

Bolt in mounting on bars or in isolators/insulators.

Breaking capacity: 660V – 200kA
250V – 100kA and 160kA
Standard NF EN 20691 and BS EN 60269-4

Applications

Protection of semiconductor in soft starters, static relays, uninterruptible power supplies (UPS) variable speed drives...



BS88 - 4 / 660 V



Current rating (A)	Voltage (V AC)	36 x 55			Voltage (V AC)	2 x 36 x 55		
		Ref. w/o blown fuse indicator	Ref. with built in trip indicator	Ref. with sep. trip indicator		Ref. w/o blown fuse indicator	Ref. with built in trip indicator	Ref. with sep. trip indicator
50	660 URGL/URR	X097103C	N097210C		660 URGM/URU			
65	660 URGL/URR	H097113C	K097230C		660 URGM/URU			
75	660 URGL/URR	H097136C	H099965C		660 URGM/URU			
85	660 URGL/URR	M097163C	M097255C		660 URGM/URU			
90	660 URGL/URR	N097164C	N097256C	H097182C	660 URGM/URU			
110	660 URGL/URR	P097165C	R099973C	JO97183C	660 URGM/URU			
150	660 URGL/URR	Q097166C	Z082178C	K097184C	660 URGM/URU			
175	660 URGL/URR				660 URGM/URU	D097270C	F097456C	A097359C
180	660 URGL/URR	R097167C	P097257C	L097185C	660 URGM/URU			
200	660 URGL/URR	S097168C	A085560C	M097186C	660 URGM/URU			
200	660 URGL/URR	T097169C	R097259C	N097187C	660 URGM/URU	F097272C	G097457C	E097363C
235	660 URGL/URR				660 URGM/URU	JO97275C	A082179C	F097364C
250	660 URGL/URR	V097170C	W097263C	P097188C	660 URGM/URU			
250	660 URGL/URR	W097171C	X097264C	Q097189C	660 URGM/URU			
280	660 URGL/URR	A097175C	Y097265C	R097190C	660 URGM/URU			
300	660 URGL/URR				660 URGM/URU	K097276C	S085553C	G097365C
315	660 URGL/URR	B097176C	Z097266C	V097193C	660 URGM/URU			
325	660 URGL/URR				660 URGM/URU	R097282C	JO97459C	Q097373C
355	660 URGL/URR	C097177C	A097267C	Y097196C	660 URGM/URU	S097283C	N097463C	R097374C
400	660 URGL/URR	D097178C	C097269C	M097209C	660 URGM/URU	T097284C	P097464C	S097375C
450	660 URGL/URR				660 URGM/URU	Y097288C	Q097465C	T097376C
500	660 URGL/URR				660 URGM/URU	Z097289C	R097466C	E097386C
500	660 URGL/URR				660 URGM/URU	A097290C	S097467C	V097377C
630	660 URGL/URR				660 URGM/URU	B097291C	V097469C	JO97390C
630	660 URGL/URR				660 URGM/URU	R097351C	W097470C	P097395C
710	660 URGL/URR				660 URGM/URU	S097352C	C079476C	B097452C
800	660 URGL/URR				660 URGM/URU	Y097357C	D097477C	E097455C
Micro switch			P092496C	Y310015C			P092496C	Y310015C

Functions BS 88-4

BS British standard. Industrial fuses for extremely fast acting semi-conductor protection, short circuit current limiting, very low I²T.

UR fuse with minimum breaking current (class aR) requiring an external device to eliminate overloads (less or equal to 4In).

Bolt in mounting on bars or in isolators/insulators.

Breaking capacity: 660V – 200kA
 250V – 100kA and 160kA
 Standard NF EN 20691 and BS EN 60269-4

Applications

Protection of semiconductor in soft starters, static relays, uninterruptible power supplies (UPS) variable speed drives...



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Square Body Size 30



Nominal voltage IEC (V AC)	Nominal Voltage USA (V AC)	Current rating (A)	Total I ² t @ 660V (A ² S)	End contacts	French knife standard	Din 80 German Standard	Din 110 German Standard	KI American Standard	LI American Standard
660	700	FA 50	610	S300373C	R300372C	F301926C	G301191C	E301925C	A301921C
660	700	FA 63	1 100	M300000C	H300088C	E300108C	Q300118C	B300128C	M300138C
660	700	FA 80	1 750	S300051C	J300089C	F300109C	R300119C	C300129C	N300139C
660	700	FA 100	2 500	T300052C	K300090C	G300110C	S300120C	D300130C	P300140C
660	700	FA 125	4 500	V300053C	L300091C	H300111C	T300121C	E300131C	Q300141C
660	700	FA 160	8 500	W300054C	M300092C	J300112C	V300122C	F300132C	R300142C
660	700	FA 200	15 500	X300055C	N300093C	K300113C	W300123C	G300133C	S300143C
660	700	FA 250	30 000	Y300056C	P300094C	L300114C	X300124C	H300134C	T300144C
660	700	FA 315	62 000	Z300057C	Q300095C	M300115C	Y300125C	J300135C	V300145C
660	700	FA 350	80 000	A300058C	R300096C	N300116C	Z300126C	K300136C	W300146C
660	700	FA 400	120 000	B300059C	S300097C	P300117C	A300127C	L300137C	X300147C
660	700	FA 450	150 000	V300398C		A300403C	S300695C	T301064C	K300527C
660	700	FA 500	240 000	W300399C		B300404C	Y301091C	V301065C	L300528C
660	700	550	300 000	X300400C		C300405C	Z301092C	W301066C	M300529C
660	700	630	450 000						P302003C
Packaging				3	3	3	3	3	3

Micro Switch 1-3 : X310014C • Micro Switch 1-5 LA* : W310013C • Micro Switch 1-9 : R 310009C
 Studs HC M8 x 30 & M8 x 35 (6 studs) S098801F

Square Body Size 31



Nominal voltage IEC (V AC)	Nominal Voltage USA (V AC)	Current rating (A)	Total I ² t @ 660V (A ² S)	End contacts	French knife standard	Din 80 German Standard	Din 110 German Standard	KI American Standard	LI American Standard
660	700	FA 160	6 900	M300299C	B301922C	M300322C	N300323C	F300385C	D301924C
660	700	FA 200	13 500	N300001C	C300037C	Y300010C	H300019C	S300028C	V300697C
660	700	FA 250	25 000	P300002C	D300038C	Z300011C	J300020C	T300029C	W300698C
660	700	FA 315	40 000	Q300003C	E300039C	A300012C	K300021C	V300030C	X300699C
660	700	FA 350	55 000	M300046C	N300047C	Q300049C	P300048C	R300050C	Y300700C
660	700	FA 400	100 000	R300004C	F300040C	B300013C	L300022C	W300031C	Z300701C
660	700	FA 450	140 000	S300005C	G300041C	C300014C	M300023C	X300032C	A300702C
660	700	FA 500	195 000	T300006C	H300042C	D300015C	N300024C	Y300033C	B300703C
660	700	FA 550	280 000	V300007C	J300043C	E300016C	P200025C	Z300034C	C300704C
660	700	FA 630	390 000	W300008C	K300044C	F300017C	Q300026C	A300035C	D300705C
660	700	FA 700	490 000	X300009C	L300045C	G300018C	R300027C	B300036C	E300706C
660	700	FA 800	800 000	Y300401C		D300406C	H300709C	A301070C	F300707C
Packaging				3	3	3	3	3	3

Micro Switch 1-3 : X310014C • Micro Switch 1-5 LA* : W310013C • Micro Switch 1-9 : R 310009C
 Studs HC M8 x 30 & M8 x 35 (6 studs) S098801F

Functions

Industrial fuse for extremely fast acting semiconductor protection, short circuit current limiting, very low I²t. Faster acting range than cylindrical fuses, offering higher current ratings. Fuse with minimum breaking current (class aR) requiring an external device to eliminate overloads (less or equal to 4In).

Square body offering different types of connection: drill holes for mounting on bar or in SITT fuse holder, French blades for mounting in fuse holders with elastic clips (T30-31-32) and bolt-in design (T33), DIN 80 and 110 for bolt-in mounting in fuse holders or on bars – standard DIN 43653. Standard NF EN 60269-1 and 4. Breaking capacity: from 110 to 200 kA at rated voltage.

Applications

Protection of semiconductors in soft starters, static relays, uninterruptible power supplies (UPS), variable speed drives...

*LA : Laden Atmosphere



Square Body Size 32

Nominal voltage IEC (V AC)	Nominal Voltage USA (V AC)	Current rating (A)	Total Ft @ 660V (A²S)	End contacts	French knife standard	Din 80 German Standard	Din 110 German Standard	KI American Standard	LI American Standard
660/700	700	315	28 900	M302162C		H302158C	K302160C	P302164C	R302166C
660/700	700	350	48 800	N302163C		J302159C	L302161C	Q302165C	S302167C
660/700	700	400	80 000	H300065C	V300168C	E300177C	P300186C	Z300195C	J300204C
660/700	700	450	115 000	J300066C	W300169C	F300178C	Q300187C	A300196C	K300205C
660/700	700	500	145 000	K300067C	X300170C	G300179C	R300188C	B300197C	L300206C
660/700	700	550	195 000	L300068C	Y300171C	H300180C	S300189C	C300198C	M300207C
660/700	700	630	280 000	M300069C	Z300172C	J300181C	T300190C	D300199C	N300208C
660/700	700	700	400 000	N300070C	A300173C	K300182C	V300191C	E300200C	P300209C
660/700	700	800	600 000	P300071C	B300174C	L300183C	W300192C	F300201C	Q300210C
660	700	900	900 000	Q300072C	C300175C	M300184C	X300193C	G300202C	R300211C
690+6%	700	1000	1 250 000	S300074C	D300176C	N300185C	Y300194C	H300203C	S300212C
600	650	1100	1 670 000	M300759C		W302101C			B301071C
550	600	1250	2 400 000	P301060C		G300409C			C301072C
500	550	1400	3 400 000	Q301061C					D301073C
500	550	1600	5 300 000	H300893C					E301074C
450	500	1800	5 700 000	R301062C					F301075C
Packaging				3	3	3	3	3	3
Micro Switch 1-3 : X310014C • Micro Switch 1-5 LA* : W310013C • Micro Switch 1-9 : R 310009C									
Studs HC M10 x 30 & M10 x 50 (6 studs) T098802F									

Square Body Size 33

Nominal voltage IEC (V AC)	Nominal Voltage USA (V AC)	Current rating (A)	Total Ft @ 660V (A²S)	End contacts	French knife standard	Din 80 German Standard	Din 110 German Standard	KI American Standard	LI American Standard
660/700	700	450	74 100	W302170C		T302168C	V302169C		Y302172C
660/700	700	500	100 000	V300076C	Z300218C	G300248C	S300258C	W300238C	K300228C
660/700	700	550	140 000	W300077C	A300219C	H300249C	T300259C	X300239C	L300229C
660/700	700	630	210 000	X300078C	B300220C	J300250C	V300260C	Y300240C	M300230C
660/700	700	700	300 000	Y300079C	C300221C	K300251C	W300261C	Z300241C	N300231C
660/700	700	800	490 000	Z300080C	D300222C	L300252C	X300262C	A300242C	P300232C
660/700	700	900	700 000	A300081C	E300223C	M300253C	Y300263C	B300243C	Q300233C
660/700	700	1 000	900 000	B300082C	F300224C	N300254C	Z300264C	C300244C	R300234C
660/700	700	1 100	1 260 000	C300083C	G300225C	P300255C	A300265C	D300245C	S300235C
660	700	1 250	1 850 000	D300084C	H300226C	Q300256C	B300266C	E300246C	T300236C
690+6%	700	1 400	2 500 000	E300085C	J300227C	R300257C	C300267C	F300247C	V300237C
600	650	1 500	3 000 000	Y300585C					P300531C
600	650	1 600	3 300 000	Z300586C		X301803C	Z301437C	E302063C	G301076C
600	650	1 800	4 450 000	A300587C		E301971C			H301077C
550	600	2 000	5 600 000	B300588C					J301078C
500	550	2 250	7 600 000	K300757C					K301079C
450	500	2 500	10 060 000	L300758C					L301080C
Packaging				3	3	3	3	3	3
Micro Switch 1-3 : X310014C • Micro Switch 1-5 LA* : W310013C • Micro Switch 1-9 : R 310009C									
Studs HC M12 x 85 & M12 x 50 (6 studs) V098803F									

Fuse Holders Square Body

Fuse Holders	Std 1250 à 1300 V AC French threaded holes	French Std knives 1250 VAC	German std 1250to 1300 V DIN 110
Size 30	C301233A	F096099A	F098031A (1) - L091941A
Size 31	C301233A	V098711A	F098031A (1) - L091941A
Size 32	E301235A	W098712A	F098031A (1) - L091941A
Size 33	E301235A	X098713A	F098031A (1) - L091941A
Packaging	1	1	1



*LA : Laden Atmosphere

(1) for ratings < 1250A



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Square Body Size 70



Nominal voltage IEC (V AC)	Nominal Voltage USA (V AC)	Current rating (A)	Total Ft @ 1000V (A ² S)	450 to 660 VAC Standard End Contats	French knife standard	Din 110 German Standard	LI American Standard
1250	1300	50	700	C301095C		J301906C	
	1300	RU 63	1 200	M300483C	P300600C	V300536C	W300652C
	1300	RU 80	2 700	N300484C	Q300601C	W300537C	X300653C
	1300	RU 100	4 800	P300485C	R300602C	X300538C	Y300654C
	1300	RU 125	7 500	Q300486C	S300603C	Y300539C	Z300655C
	1300	RU 160	15 000	R300487C	T300604C	Z300540C	A300656C
	1300	RU 200	27 000	S300488C	V300605C	A300541C	B300657C
1200	1300	RU 250	55 000	T300489C	W300606C	B300542C	C300658C
	1300	RU 280	82 000	N300714C	L300712C	J300710C	Q300716C
1200	1300	RU 315	115 000	V300490C	X300607C	C300543C	D300659C
	1300	RU 350	160 000	W300491C	Y300608C	D300544C	E300660C
1100	1300	400	225 000	E300867C	D301096C	F300868C	
	1300	450	360 000	H301284C	E301097C		
1000	1300	500	480 000	J301285C			
800	1300	550	725 000	K301286C			
Packaging				3	3	3	3

Micro Switch MS 7V 1-5 : J310002C • Micro Switch MS 7V 1-5 BS : K310003C • Micro Switch MS 7V 1-9 BS : P310007C
 Paired Tigers HC M8x30 & M8x35 : S098801F • Paired Tigers HC M10x30 & M10x50 : T0988012 • Paired Tigers HC M12x35 & M12x50 : V098803F

Square Body Size 71

Nominal voltage IEC (V AC)	Nominal Voltage USA (V AC)	Current rating (A)	Total Ft @ 1000V (A ² S)	450 to 660 VAC Standard End Contats	French knife standard	Din 110 German Standard	LI American Standard
1250	1300	RU 160	15 000	B300749C	C300750C	D300751C	E300752C
	1300	RU 200	27 000	Z300517C	Z300609C	E300545C	F300661C
	1300	RU 250	51 000	A300518C	A300610C	F300546C	G300682C
	1300	RU 280	68 000	P300715C	M300713C	K300711C	R300717C
	1300	RU 315	92 000	B300519C	B300611C	G300547C	H300663C
	1300	RU 350	127 000	C300520C	C300612C	H300548C	J300664C
	1300	RU 400	220 000	D300521C	D300613C	J300549C	K300665 C
1100	1300	RU 450	270 000	E300522C	E300614C	K300550C	L300666C
	1300	RU 500	390 000	F300523C	F300615C	L300551C	M300667C
	1300	RU 550	485 000	G300524C	G300616C	M300552C	N300668 C
1000	1300	RU 630	725 000	H300525C	H300617C	N300553C	P300669 C
	1300	700	1 040 000	M301288C			
900	1300	800	1 710 000	Z300862C			
800	1300	900	2 510 000	N301289C			
Packaging				3	3	3	3

Micro Switch MS 7V 1-5 : J310002C • Micro Switch MS 7V 1-5 BS : K310003C • Micro Switch MS 7V 1-9 BS : P310007C
 Paired Tigers HC M8x30 & M8x35 : S098801F • Paired Tigers HC M10x30 & M10x50 : T0988012 • Paired Tigers HC M12x35 & M12x50 : V098803F

Functions

Industrial fuse for extremely fast acting semiconductor protection, short circuit current limiting, very low I²T. Faster acting range than cylindrical fuses, offering higher current ratings. Fuse with minimum breaking current (class aR) requiring an external device to eliminate overloads (less or equal to 4In). Square body offering different types of connection: drill holes for mounting on bar or in SITT fuse holder, French blades for mounting in fuse holders with elastic clips (T70-71-72) and bolt-in design (T73), DIN 110 for bolt-in mounting in fuse holders or on bars – standard DIN 43653. Standard NF EN 60269-1 and 4. Breaking capacity: from 125 to 150 kA at rated voltage.

Applications

Protection of semiconductors in soft starters, static relays, uninterruptible power supplies (UPS), variable speed drives...



Square Body Size 72



Nominal voltage IEC (V AC)	Nominal Voltage USA (V AC)	Current rating (A)	Total Pt @ 1000V (A ² S)	450 to 660 VAC Standard End Contats	French knife standard	Din 110 German Standard	LI American Standard
1250	1300	250	47 000	X301573A		W301595C	
	1300	RA 280	60 000	Y300493A	J300618A	P300554C	Q300670C
	1300	RA 315	87 000	Z300494A	K300619A	Q300555C	R300671C
	1300	RA 350	120 000	A300495A	L300620A	R300556C	S300672C
	1300	RA 400	190 000	B300496A	M300621A	S300557C	T300673C
	1300	RA 450	255 000	C300497A	N300622A	T300558C	V300674C
	1300	RA 500	330 000	D300498A	P300623A	V300559C	W300675C
	1300	RA 550	390 000	E300499A	Q300624A	W300560C	X300676C
	1300	RA 630	610 000	F300500A	R300625A	X300561C	Y300677C
1100	1300	RA 700	815 000	G300501A	S300626A	Y300562C	Z300678C
	1300	RA 800	1 240 000	H300502A	T300627A	T302030C	A300679C
1000	1300	900	1 800 000	G300869A	F301098A	H300870C	
850	1300	1000	2 530 000	T301294A			

Packaging 1 1 3 3

Micro Switch MS 7V 1-5 : J310002C • Micro Switch MS 7V 1-5 BS : K310003C • Micro Switch MS 7V 1-9 BS : P310007C

Paired Tigers HC M8x30 & M8x35 : S098801F • Paired Tigers HC M10x30 & M10x50 : T0988012 • Paired Tigers HC M12x35 & M12x50 : V098803F

Square Body Size 73

Nominal voltage IEC (V AC)	Nominal Voltage USA (V AC)	Current rating (A)	Total Pt @ 1000V (A ² S)	450 to 660 VAC Standard End Contats	French knife standard	Din 110 German Standard	LI American Standard
1250	1300	RA 315	68 000	J300503A	V300628A	A300564C	B300680C
	1300	RA 350	100 000	K300504A	W300629A	B300565C	C300681C
	1300	RA 400	145 000	C301992A	X300630A	C300566C	D300682C
	1300	RA 450	205 000	L300505A	Y300631A	D300567C	E300683C
	1300	RA 500	255 000	M300506A	Z300632A	E300568C	F300684C
	1300	RA 550	330 000	N300507A	A300633A	F300569C	G300685C
	1300	RA 630	485 000	P300508A	B300634A	G300570C	H300686C
	1300	RA 700	640 000	Q300509A	C300635A	H300571C	J300687C
	1300	RA 800	1 090 000	R300510A	D300636A	J300572C	K300688C
1200	1300	RA 900	1 440 000	T300512A	E300637A	K300573C	L300689C
1000	1300	RA 1000	2 130 000	V300513A	F300638A	L300574C	M300690C
	1300	RA 1100	2 550 000	W300514A	G300639A	M300575C	N300691C
900	1300	RA 1250	3 420 000	T300696A			J301193C
850	1300	1400	4 350 000	S300718A	G301099A		K301194C

Packaging 1 1 3 3

Micro Switch MS 7V 1-5 : J310002C • Micro Switch MS 7V 1-5 BS : K310003C • Micro Switch MS 7V 1-9 BS : P310007C

Paired Tigers HC M8x30 & M8x35 : S098801F • Paired Tigers HC M10x30 & M10x50 : T0988012 • Paired Tigers HC M12x35 & M12x50 : V098803F

Fuse Holders Square Body

Fuse Holders	Std 1250 to 1300 V AC French threaded holes	French Std knives 1250 VAC	German std 1250to 1300 V DIN 110
Size 70	C301233A	F096099A	F098031A (1) - L091941A
Size 71	C301233A	V098711A	F098031A (1) - L091941A
Size 72	E301235A	W098712A	F098031A (1) - L091941A
Size 73	E301235A	C209187A	F098031A (1) - L091941A
Packaging	1	1	1



*LA : Laden Atmosphere

(1) for ratings < 1250A



勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

gGR Fuses Sizes 000-00 DIN

External protection (see drawing)



Rating (A)	Voltage (V)	References PV without blown fuse	References D 08L without blown fuse	References PV with blown fuse indicator	References D08L with blown fuse trip indicator	Packaging
16	690 V AC gGR	X302102C	H302112C			3
20	690 V AC gGR	Y302103C	J302113C	T330297C	N330292C	3
25	690 V AC gGR	Z302104C	K302114C	V330298C	P330293C	3
32	690 V AC gGR	A302105C	L302115C	W330299C	Q330294C	3
40	690 V AC gGR	B302106C	M302116C	X330300C	R330295C	3
50	690 V AC gGR	C302107C	N302117C	Y330301C	S330296C	3
63	690 V AC gGR	D302108C	P302118C	G330286C	A330280C	3
80	690 V AC gGR	E302109C	Q302119C	H330287C	B330281C	3
100	690 V AC gGR	F302110C	R302120C	J330288C	C330282C	3
125	690 V AC gGR			K330289C	D330283C	3
160	690 V AC gGR			L330290C	F330284C	3
200	690 V AC gGR			M330291C	G330285C	3
Neutral		Z218269J		Z218269J		10
Micro switches		F210156C	F210156C	F210156C	F210156C	3
Extraction puller		K217244A	K217244A	K217244A	K217244A	1

Functions BS 88-4

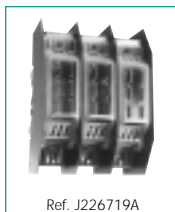
Industrial fuse for fast acting external protection (wire + semi conductor).
Full range fuse.

Applications

UPS, softstarters, static relays, variable speed drives.
External Protection



Fuse Holders Couteaux DIN



Number of poles	Ref. number size 0	Ref. number size 1	Ref. number size 2	Ref. number size 3	Pack-aging
Fuse Holders					
1 pole	S216193C	A223008C	E211075C	X213644C	3
2 poles	P216696B	G200796B	V211595B	B214154B	2
3 poles	C217214A	Y201340A	D212109A	F214664A	1
4 poles	J217726A	H201855A	R212627A	K215174A	1
Wall P+1	Z213669B	J214690B	J214690B	Q215708B	2
Fuse Holders IP 2X (1).					
1 pole	G226717C	P226724C	R226726C	T226728C	3
3 poles	J226719A	Q226725A	S226727A	V226729A	1

IP 2X : finger safe
(1) DIN rail or screwed mounting



RECTICUR Fuses

UR - NEOZED

Size	Current Rating (A)	Voltage (V AC)	Ref. number	Packaging
D01	2	440 V	M215038P	50
D01	4	440 V	N218673P	50
D01	6	440 V	B219191P	50
D01	10	440 V	F219724P	50
D01	16	440 V	N222169P	50
D02	20	440 V	H222923Y	30
D02	25	440 V	R200713Y	30
D02	35	440 V	F201255Y	30
D02	50	440 V	R201771Y	30
D02	63	440 V	Y207113Y	30
D03	80	440 V	G211514J	10
D03	100	440 V	L212024J	10



Ref. N222169P

UR - DIAZED

Size	Current Rating (A)	Voltage (V AC)	Ref. number	Packaging
DII	2	500 V AC / 400 V DC	Z212542E	5
DII	4	500 V AC / 400 V DC	K213058E	5
DII	6	500 V AC / 400 V DC	E214065E	5
DII	10	500 V AC / 400 V DC	M214578E	5
DII	16	500 V AC / 400 V DC	T215090E	5
DII	20	500 V AC / 400 V DC	T215596E	5
DII	25	500 V AC / 400 V DC	B216109E	5
DII	30	500 V AC / 400 V DC	Y216612E	5
DIII	35	500 V AC / 400 V DC	K217129E	5
DIII	50	500 V AC / 400 V DC	Q217640E	5
DIII	63	500 V AC / 400 V DC	Y218153E	5
DIV	80	500 V AC / 400 V DC	B201251E	5
DIV	100	500 V AC / 400 V DC	M201767E	5
DV	125	500 V AC / 400 V DC	J207054E	5
DV	160	500 V AC / 400 V DC	C211510E	5
DV	200	500 V AC / 400 V DC	G212020E	5



Ref. M214578E

Functions

Industrial fuses for semiconductor protection in NEOZED and DIAZED dimensions. German DIN standard. D EN 60269-1 & 4 standards.

Applications

Protection of semiconductors in small equipments. (current regulator, static relay...).



DC Fuse Range

DC Fuse Range



Functions

Ultra Fast Protection for DC applications.
 Very short circuit protection.
 Full range fuse.

Applications

Converters, drives...

Current rating (A)	Voltage (V AC)	Reference with blown fuse indicator	Voltage (V AC)	27 x 60 Ref. With blown fuse indic.	Voltage (V AC)	20x127 Reference with blown fuse indicator	Voltage (V AC)	20 x 127 Reference without fuse indicator	20x127 Reference with blown fuse indicator
0.8	440 VDC gLB		660 VDC gRB	H098585C			1500 VDC	E075743C	J081842J
1			660 VDC gRB	J098586C			1500 VDC	F075744C	R079894J
1.5			660 VDC gRB	K098587C			1500 VDC	G075745C	K081843J
2	440 VDC gLB	E075720J	660 VDC gRB	P098591C			1500 VDC	B088367C	Y099243C
3.15			660 VDC gRB	Q098592C			1500 VDC	H075746C	L081844J
4			660 VDC gRB	R098593C			1500 VDC	J075747C	Z099244J
5			660 VDC gRB	T098595C			1500 VDC	C088368C	A099245J
6	440 VDC gLB	C094084J			1000 VDC		1500 VDC		E082804C
6.3			660 VDC gRB	Z098600C			1500 VDC		
8	440 VDC gLB	14x51 F075721J	660 VDC gRB	L076301C			1500 VDC		Z080867J
10	440 VDC gLB	G075722J	660 VDC gRB	M076302J			1500 VDC	A089493C	F081655C
12	440 VDC gLB	R094085J	660 VDC gRB	L075703C			1500 VDC	B089494C	B080593J
16	440 VDC gLB	H075723J	660 VDC gRB	N076303C			1500 VDC	C089495C	Q081457J
20	440 VDC gLB	L221132J	660 VDC gRB	C077006C			1500 VDC	D089496C	D082803J
25	440 VDC gLB	J075724J	660 VDC gRB	M075635C			1500 VDC	E089497C	A080431C
32	440 VDC gLB	S098410J	660 VDC gRB	P076304C				F089498C	
40	440 VDC gLB	T098687J	660 VDC gRB	Q076305C			1000 VDC	S086795C	
50	440 VDC gLB	H076620J	660 VDC gRB	R076306C			1000 VDC	F086186C	
50	440 VDC gLB	L076968J	660 VDC gRB				1000 VDC		
63	440 VDC gLB	22x58 M221133J	660 VDC gRB	P079961C				F083656C	
80	440 VDC gLB	J098563J	660 VDC gRB	S079964C					
100	440 VDC gLB	K099507J	660 VDC gRB	T099400C					
110	440 VDC gLB		660 VDC gRB	S076307C					
125	440 VDC gLB	H098562J							
160	440 VDC gLB	27x60 M075704J							
Fuse holders		see p							



Fuse Bases and Accessories size 27 x 60

Fuse Holders	1	1 + N 2 modules	2	3	3 + N 4 modules	Neutral
US 27	J226420C	K226421A	L226422A	M226423A	N226424A	B210152C
US 27 + MC	R227600C		S227601A	V227603A	X227605A	
US 27 + Connection plates	B223515C	E223518A	C223516A	D223517A		F223519C
Micro switch	E227612A	E227612A	E227612A	E227612A	E227612A	
Assembly kit	H227615A	H227615A	H227615A	H227615A		H227615A
Packaging	Letter C=3 - A=1	1	1	1	C=3 - A=1	3

(1) US 27 maximum thermal current 150A, over use PS27 range

Fuse Bases and Accessories size 20 x 127

Fuse Holders	1	2	3	N
PS 20.127	X097310C			
PS 20.127 +MCS BS	X220130B	Z220730B		
PS 20.127 PRE	F097203C	G097227B	H097228A	J097229A
PS I 20.127 PRE BS	G097204C	L097231A	T097261A	C097292A
PS I 20.127 PRE +MC-PS	H097205B	D097293B	E097294A	F097295A
PS I 20.127 PRE BS +MC PS	J097206B	G097296B	H097297A	J097298A



Fuse Holders

Reference	Page	Reference	Page	Reference	Page	Reference	Page	Reference	Page	Reference	Page
R 075501	C 30	N 077637	J 22	N 081271	A 24	R 084103	P 7	X 087512	P 8	W 090570	P 8
S 075502	C 30	P 077638	J 22	K 081291	C 25	F 084116	P 7	Y 087513	P 8	X 090571	P 8
T 075503	C 30	O 077639	J 22	L 081292	C 25	G 084117	P 7	Z 087514	P 8	Y 090572	P 8
Y 075507	C 30	R 077640	J 22	M 081293	C 25	H 084118	P 7	A 087515	P 8	Z 090573	P 8
Z 075508	C 30	S 077641	J 22	N 081294	C 25	J 084119	P 7	B 087516	P 8	A 090574	P 8
A 075509	C 30	T 078033	J 23	P 081295	C 25	K 084120	P 7	C 087517	P 8	B 090575	P 8
B 075510	C 30	V 078034	J 23	Q 081296	C 25	L 084121	P 7	D 087518	P 8	C 090576	P 8
C 075511	C 30	W 078035	J 23	R 081297	C 25	M 084122	P 7	E 087519	P 8	D 090577	P 8
G 075538	F 30	X 078036	J 23	S 081298	C 25	G 084301	P 9	F 087520	P 8	E 090578	P 8
H 075539	F 30	Y 078037	J 23	T 081391	5 23	H 084302	P 9	G 087521	P 8	F 090579	P 8
J 075540	F 30	Z 078038	J 23	X 081394	A 24	J 084303	P 9	H 087522	P 8	L 091343	A 15
K 075541	F 30	A 078039	J 23	E 081401	A 24	K 084304	P 9	J 087523	P 8	K 091480	P 8
L 075542	F 30	B 078040	J 23	J 081428	A 24	L 084305	P 9	K 087524	P 8	L 091941	A 35
M 075543	F 30	C 078041	J 23	Q 081457	J 40	M 084306	P 9	L 087525	P 8	P 092496	C 30
N 075544	F 30	D 078042	J 23	C 081468	J 23	N 084307	P 9	M 087526	P 8	H 093364	P 9
Q 075545	F 30	E 078043	J 23	D 081469	J 23	P 084308	P 9	O 087529	P 8	S 093902	J 23
P 075546	C 30	F 078044	J 23	E 081470	J 23	Q 084309	P 9	Z 088020	C 40	T 093903	J 23
R 075547	C 30	G 078045	J 23	F 081471	J 23	R 084310	P 9	B 088367	C 40	V 093904	J 23
S 075548	C 30	H 078046	J 23	G 081472	J 23	S 084311	P 9	C 088368	C 40	W 093905	J 23
T 075549	C 30	J 078047	J 23	H 081473	J 24	T 084312	P 9	T 088774	C 40	X 093906	J 23
V 075550	C 30	K 078048	J 23	J 081474	J 24	V 084313	P 9	W 089397	J 19	Y 093907	J 23
M 075635	C 40	L 078049	J 23	K 081475	J 23	W 084314	P 9	X 089398	J 19	Z 093908	J 23
L 075703	C 40	M 078050	J 23	L 081476	J 24	X 084315	P 9	A 089493	C 40	A 093909	J 23
M 075704	J 40	N 078051	J 23	F 081517	J 24	Z 084317	P 9	B 089494	C 40	B 093910	J 23
E 075720	J 40	R 078330	C 25	G 081518	J 23	A 084318	P 9	C 089495	C 40	C 093911	J 23
F 075721	J 40	S 078331	C 25	P 081548	A 24	B 084319	P 9	D 089496	C 40	D 093912	J 23
G 075722	J 40	T 078332	C 25	F 081655	C 40	C 084320	P 9	E 089497	C 40	E 093913	J 23
H 075723	J 40	C 079476	C 33	J 081842	J 40	D 084321	P 9	F 089498	C 40	F 093914	J 23
J 075724	J 40	C 079651	J 19	K 081843	J 40	E 084322	P 9	Z 090504	P 4	G 093915	J 23
E 075743	C 40	D 079652	J 19	L 081844	J 40	F 084323	P 9	A 090505	P 4	H 093916	J 23
F 075744	C 40	K 079681	J 19	N 081984	J 30	G 084324	P 9	B 090506	P 4	J 093917	J 23
G 075745	C 40	L 079682	J 19	Z 082178	C 33	H 084325	P 9	C 090507	P 4	Q 094084	J 40
H 075746	C 40	O 079686	J 19	A 082179	C 33	J 084326	P 9	D 090508	P 4	R 094085	J 40
J 075747	C 40	E 079745	J 19	K 082326	J 19	K 084327	P 9	E 090509	P 4	R 094315	P 9
G 075883	C 31	W 079783	J 19	T 082334	J 19	Q 084401	P 9	F 090510	P 4	R 094821	P 5
H 075884	C 31	R 079848	J 19	J 082371	C 30	R 084402	P 9	G 090511	P 4	W 094825	P 5
J 075885	C 31	S 079849	J 19	K 082372	C 30	S 084403	P 9	G 090511	P 4	X 094826	P 5
K 075886	C 31	K 079865	J 19	L 082373	C 30	T 084404	P 9	H 090512	P 4	C 095245	J 23
L 075887	C 31	R 079894	J 40	M 082374	C 30	V 084405	P 9	H 090512	P 4	D 095246	J 23
M 075888	C 31	S 079895	J 19	N 082375	C 30	W 084406	P 9	J 090513	P 4	E 095247	J 23
N 075889	C 31	P 079961	C 40	P 082376	C 30	X 084407	P 9	J 090513	P 4	F 095248	J 23
P 075890	C 31	S 079964	C 40	O 082377	F 30	Y 084408	P 9	K 090514	P 4	G 095249	J 23
Q 075891	C 31	A 080293	J 19	R 082378	F 30	Z 084409	P 9	K 090514	P 4	H 095250	J 23
R 075892	C 31	B 080294	J 19	S 082379	F 30	A 084410	P 9	L 090515	P 4	T 095260	J 23
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 Motor controller and motor overcurrent protection.
 Very current limiting.



AMP-TRAP 2000®

Class CC - Time Delay
 1-1/2" x 13/32" (10.3x38)
 UL Listed - CSA Certified
 200kA I.R.

ATDR - 1/4 to 30A
 For motor protection

ATQR - 1/10 to 30A
 For transformer protection



TRI-ONIC®



Class RK5 Time Delay
 1/10 to 600A
 250V AC or 600V AC
 UL Listed
 CSA Certified
 DC Rated
 200kA I.R.
 Motor overcurrent, motor controller and transformer protection.

AMP-TRAP®



Class J Fast Acting
 1 to 600A - 600V AC
 UL Listed - CSA Certified
 200kA I.R.
 Current Limiting
 Feeder circuit, panelboard, and circuit breaker back-up protection.
 Space saving dimensions. Very current limiting.

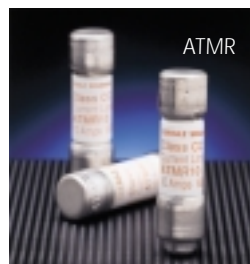
AMP-TRAP®

Class L
 601 to 6000A
 600V AC
 4 Second Delay
 UL Listed - CSA Certified
 200kA I.R. - Current Limiting
 Service entrance, feeder circuit, transformer, and circuit breaker back-up protection.



AMP-TRAP®

Class CC
 1-1/2" x 13/32" (10.3x38)
 1/10 to 30A
 600V AC
 UL Listed
 CSA Certified
 200kA I.R.
 Current Limiting
 The smallest dimension fuse suitable for branch circuit protection.





AMP-TRAP® FORM 101



Semiconductor Protection
 1/2 to 6000 A
 130 V to 1200V AC
 Many are UL Recognized Components
 Current Limiting
 Extremely fast acting. Low I²t provides protection for semiconductors and power electronic equipment.

AMP-TRAP®



Class T Fast Acting
 1 to 1200A, 300V - A3T
 1 to 800A, 600V - A6T
 UL Listed - CSA Certified
 200kA I.R.
 Current Limiting
 Loadcenter, metering center, panelboard, and circuit breaker back-up protection.
 Very current limiting.
 Small physical size.

AMP-TRAP®

Class RK1 - Fast Acting
 1 to 600A
 250V AC or 600V AC
 UL Listed
 CSA Certified
 200kA I.R.
 Current Limiting
 Feeder circuit, panelboard, and circuit breaker back-up protection.
 Very current limiting.



ONE-TIME

Class K5 - General Purpose
 1 to 600A
 250V AC or 600V AC
 UL Listed
 CSA Certified
 50kA I.R.
 Energy Limiting
 Lower cost protection for circuits serving heating, lighting, and other non-motor loads.



Midget Fuses for supplementary overcurrent protection

AMP-TRAP®



Midget Dimensions
 1-1/2" x 13/32" (10.3x38)
 ATO Time Delay
 1/10 to 60 A
 500V AC
 Lighting, solenoid, motors, transformers, control circuits

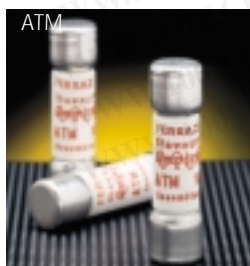
AMP-TRAP®



Midget Dimensions
 1-1/2" x 13/32" (10.3x38)
 TRM Time Delay
 1 to 30A
 250V AC
 Lighting, solenoid, motors, transformers, control circuits

AMP-TRAP®

Midget Dimensions
 1-1/2" x 13/32" (10.3x38)
 ATM Fast Acting
 1/10 to 50A
 600V AC, 500V DC
 Lighting, heating, control circuits.
 Circuits where time delay is not required



MIDGET FUSES

Midget Dimensions
 1-1/2" x 13/32" (10.3x38)
 OTM Fast Acting
 1 to 30A, 250V AC
 GGU Fast Acting (Glass/Ceramic body)
 3 to 30A, 125V AC
 6JX Fast Acting
 1/10 to 30A, 600V AC
 Lighting, heating, control circuits.
 Circuits where time delay is not required

