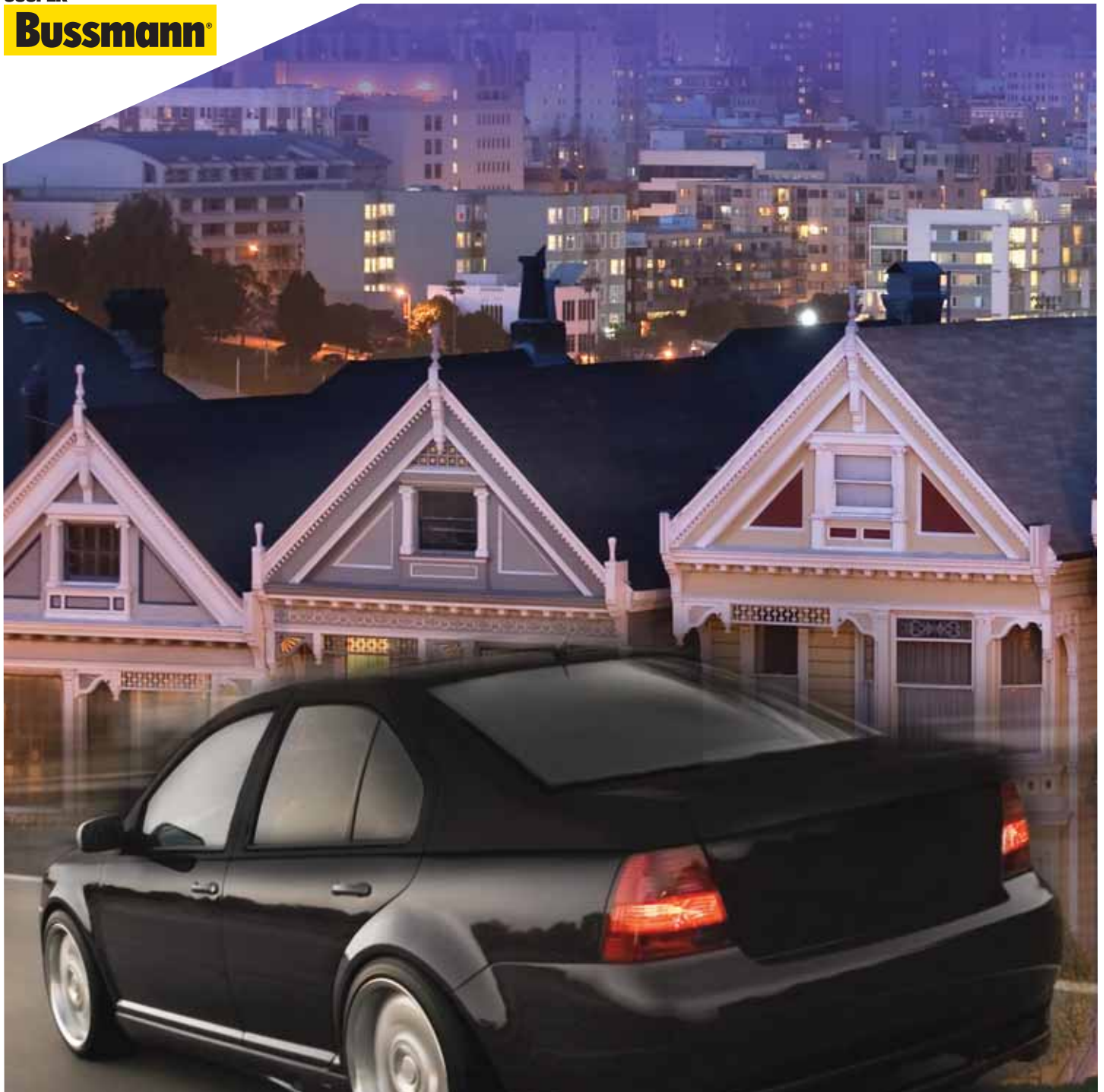




Consumer Aftermarket Product Catalog

Fuse and Circuit Breaker Specifications

Circuit Protection Specifications - Fuses

Type	Catalog Symbol	Class	Construction/Size	Volts	Amps	Interrupting Rating	Type	Typical Applications
Blade *easyID™ illuminating version	ATM / ATM- _ID*	-	Miniature blade fuse	32Vdc	2-30A	1kA	Fast-Acting	Automotive circuits
	ATM_LP	-	Low-profile ATM fuse	32Vdc	5-30A	1kA	Fast-Acting	Automotive circuits
	ATC / ATC- _ID*	-	Blade fuse	32Vdc	1-40A	1kA	Fast-Acting	Automotive circuits
	MAX / MAX- _ID*	-	Heavy-duty blade fuse	32Vdc	20-80A	1kA	Fast-Acting	Automotive circuits
Glass Tube	ABC	-	1/4" x 1 1/4" Ceramic	250Vac 250Vac 250Vac 250Vac 250Vac 125Vac	1/4-1A 1 1/2-3A 4-10A 12-15A 20A 25-30A	35A 100A 200A 750A 400A 1kA	Fast-Acting	Appliances and consumer electronics
	AGA	-	1/4" x 5/8"	125Vac 125Vac 32Vac	1-1 1/2A 2-5A 6-30A	10kA 200A 1kA	Fast-Acting	Automotive circuits
	AGC	-	1/4" x 1 1/4"	250Vac 250Vac 250Vac 32Vac 32Vac 32Vac	1/20-1A 1 1/2-3A 4-10A 12-30A 35A 40A	35A 100A 200A 1kA 70A 80A	Fast-Acting	Appliances and consumer electronics
	AGU AGU-(amp)GP	Midget	Glass tube ferrule 3/32" x 1 1/2"	250Vac 32Vac	1-3A 4-60A	10kA 10kA	Fast-Acting	Appliances and consumer electronics
	AGW	-	1/4" x 7/8"	32Vac	1-30A	-	Fast-Acting	Automotive circuits
	AGX	-	1/4" x 1"	250Vac 250Vac 125Vac 125Vac 32Vac	1/500-1/2A 3/4-2A 2 1/2-5A 6-7A 8-30A	35A 100A 10kA 1kA 1kA	Fast-Acting	Automotive circuits
	GBB	-	1/4" x 1 1/4" Ceramic	250Vac 125Vac	1-30A 1-15A	200A 10kA	Fast-Acting	Appliances and consumer electronics
	GBC	-	1/4" x 31/32"	32V	5-25A	-	Fast-Acting	German automobiles
	GDA	-	5 x 20mm Ceramic	250Vac	50mA-6.3A	1.5kA	Fast-Acting	Electronic Circuits
	GDB	-	5 x 20mm	250Vac	32mA-16A	35A	Fast-Acting	Electronic Circuits
	GDC	-	5 x 20mm	250Vac	32mA-6.3A	35A	Time-Delay	Electronic Circuits
	GMA	-	5 x 20mm	250Vac 250Vac 125Vac 125Vac 125Vac	32mA-1A 1.2-3A 3.15-6A 7-10A 15A	35A 100A 1kA 200A 150A	Fast-Acting	Appliances and consumer electronics
	GMC	-	5 x 20mm	250Vac 250Vac 125Vac 125Vac	63mA-1A 1.25-3.15A 3.5-6.3A 7-10A	35A 100A 10kA 200A	Time-Delay	Appliances and consumer electronics
	GMD	-	5 x 20mm	250Vac 250Vac	125mA-3A 4A	100A 200A	Time-Delay	Electronic Circuits
	MDA	-	1/4" x 1 1/4" Ceramic	250Vac 250Vac 250Vac 250Vac 125Vac	1/4-1A 1 1/2-2A 2 1/2-10A 12-15A 20-30A	35A 100A 200A 750A 1.5kA	Time-Delay	Appliances and consumer electronics
	MDL	-	1/4" x 1 1/4"	250Vac 250Vac 250Vac 32Vac	1/16-1A 1 1/4-3A 4-8A 9-30A	35A 100A 200A 1kA	Time-Delay	Appliances and consumer electronics
	MDQ	-	1/4" x 1 1/4"	250Vac 250Vac 250Vac 32Vac	1/16-1A 1 1/4-3A 4-7A 8-30A	35A 100A 200A 1kA	Time-Delay	Electronic Relay and Controls
	SFE	-	1/4" x various length	32V	4-30A	-	Fast-Acting	Size-Rejecting for automotive circuits

Circuit Protection Specifications - Fuses

Type	Catalog Symbol	Class	Construction/Size	Volts	Amps	Interrupting Rating	Type	Typical Applications
Heavy-Duty	AMG	-	Bolt-in fuse	32Vdc	100-300A	1kA		Automotive circuits, uses HMEG fuse block
	AMI	-	Bolt-in fuse	32Vdc	50-100A	2kA		Automotive circuits, uses HMD fuse block
	CBBF	-	Bolt-in	58Vdc	30-300A	2kA	-	Heavy-Duty and Marine
easyID™ illuminating version	FMX, FMX_ID Female Maxi	-	6mm blade on 5.5mm centers	32Vdc	20-60A	1kA	Time-Delay	Automotive circuits
	FMX_LP Low-Profile FMX Fuse	-	Low-profile, 6mm blade on 5.5mm centers	58Vdc	20-60A	1kA @ 32Vdc	Time-Delay	Automotive circuits
Current Limiters	ANN	-	Bolt-in fuse 2.44mm blade centers	125Vac/ 80Vdc	10 to 800A	2.5kA - ac 2.7kA - dc	Very Fast-Acting	Automotive circuits, fork lift trucks, marine, aviation
	ANL	-	Bolt-in fuse 2.44mm blade centers	32Vac/ 80Vdc	35 to 750A	6kA - ac 2.7kA - dc	Non Time-Delay	Automotive circuits, fork lift trucks, marine, aviation
Fusible Links	FLB	-	Bolt-mount	32Vdc	30-140A	10kA	-	Automotive circuits
	FLD	-	Bolt-mount	32Vdc	30-104A	10kA	-	
	FLF	-	Female terminals	32Vdc	20-60A	10kA	-	
	FLM	-	Male terminals	32Vdc	30-120A	10kA	-	
	FLN	-	Fem. terms. w/ lock tab	32Vdc	25-30A	10kA	-	
	FLS	-	Fem. mini terminals	32Vdc	30-40A	10kA	-	
Plug	TL	-	Edison Thread Base	125Vac	15-30A	10kA	Time-Delay	Panels, small motors and inductive loads
	T	-	Edison Thread Base	125Vac	¾ ₁₀ -30A	10kA	Heavy-Duty Time-Delay	Panels, small motors and inductive loads
	TC	CSA Type D	Edison Thread Base	125Vac	15-30A	-	Dual-Element Time-Delay	Canadian applications: Panels, small motors and inductive loads
	P	CSA Type P	Edison Thread Base	125Vac	15-30A	-	General Purpose	Canadian applications: Panels, small motors and inductive loads
	SL	-	Rejection Thread Base	125Vac	15-30A	10kA	Time-Delay	Panels, small motors and inductive loads
	S	-	Rejection Thread Base	125Vac	¼ ₄ -30A	10kA	Heavy-Duty Time-Delay	Panels, small motors and inductive loads
Cartridge	NON	K5 & H	Ferrule Style	250Vac	⅙ ₁₆ -60A	50kA	General Purpose	Light duty circuits
			Blade Style	250Vac	65-600A	10kA		
	PON	CSA Type P	Ferrule Style	250Vac	1-60A	10kA	General Purpose	Canadian applications: Light duty circuits
			Blade Style	250Vac	70-600A	10kA		
	CDN	CSA Type D	Ferrule Style	250Vac	1-60A	10kA	Gen. Purpose Time-Delay	Canadian applications: Light duty circuits
			Blade Style	250Vac	70-600A	10kA		
	NOS	K5 & H	Ferrule Style	600Vac	1-60A	50kA	General Purpose	Light duty circuits
			Blade Style	600Vac	70-600A	10kA		
easyID™ indicating version	FRN-R FRN-R_ID	RK5	Ferrule Style	250Vac	⅙ ₁₆ -60A	200kA	Time-Delay	Panelboards, motor control centers, machinery disconnects and combination starters
			Blade Style	250Vac	70-600A	200kA		
	FRS-R	RK5	Ferrule Style	600Vac	⅙ ₁₆ -60A	200kA	Time-Delay	Panelboards, motor control centers, machinery disconnects and combination starters
			Blade Style	600Vac	65-600A	200kA		
	SC	G	⅓ ₃₂ " x 1⅝ ₁₆ " Ferrule	600Vac	1-6A	100kA	Fast-Acting	Fusible branch panelboards, HVAC
			⅓ ₆₂ " x 1⅞ ₁₆ " Ferrule	600Vac	7-15A	100kA	Time-Delay	
			⅓ ₃₂ " x 1⅓ ₃₂ " Ferrule	600Vac	20A	100kA		
			⅓ ₆₂ " x 1⅞ ₁₆ " Ferrule	480Vac	25-30A	100kA		
			⅓ ₃₂ " x 2⅞ ₁₆ " Ferrule	480Vac	35-60A	100kA		
	BAF	Midget	⅓ ₃₂ " x 1½ ₂ " Ferrule	250Vac 250Vac 250Vac 250Vac 125Vac	⅞ ₁₆ -1A 1½ ₂ -2½ ₂ A 3-9A 10-15A 20-30A	35A 100A 200A 750A 10kA	Fast-Acting	125 and 250Vac non-inductive load circuits

Circuit Protection Specifications - Fuses

Type	Catalog Symbol	Class	Construction/Size	Volts	Amps	Interrupting Rating	Type	Typical Applications
Cartridge	FNM	Midget	$\frac{13}{32}$ " x $1\frac{1}{2}$ " Ferrule	250Vac 250Vac 250Vac 125Vac	$\frac{1}{10}$ -1A $1\frac{1}{8}$ -3 $\frac{1}{2}$ A 4-10A 12-30A	35A 100A 200A 10kA	Time-Delay	General purpose & lighting circuits
	FNQ	Midget	$\frac{13}{32}$ " x $1\frac{1}{2}$ " Ferrule	500Vac	$\frac{1}{10}$ -30A	10kA	Time-Delay	480V Control transformer circuits, lighting circuits
	FNQ-R	CC	$\frac{13}{32}$ " x $1\frac{1}{2}$ " Ferrule	600Vac	$\frac{1}{4}$ -30A	200kA	Time-Delay	Industrial and transformer control and specialized circuits
	KTK	Midget	$\frac{13}{32}$ " x $1\frac{1}{2}$ " Ferrule	600Vac	$\frac{1}{10}$ -30A	100kA	Fast-Acting	Control and meter circuits
	KTK-R	CC	$\frac{13}{32}$ " x $1\frac{1}{2}$ " Ferrule	600Vac	$\frac{1}{10}$ -30A	200kA	Fast-Acting	Industrial control circuits

Circuit Protection Specifications - Circuit Breakers

Size/Type/ Footprint	Catalog Symbol	SAE Type	Construction/Size	Volts	Amps	Interrupting Rating	Reset Type	Typical Applications
ATM	CB211	I	ATM Footprint	14Vdc	7.5-30A	150A	Automatic	Automotive/RV
	CB212	II	ATM Footprint	14Vdc	10-30A	150A	Modified	Automotive/RV
	MMB	I	ATM Footprint	12Vdc	15-20A	300A	Automatic	Automotive/RV
ATC	ACB	I	ATC Footprint				Automatic	Automotive/RV
	CB221	I	ATC Footprint	14Vdc	7.5-30A	150A	Automatic	Automotive/RV
	CB222	II	ATC Footprint	12Vdc	10-30A	150A	Modified	Automotive/RV
	CB223	III	ATC Footprint	28Vdc	7.5-30A	150A	Manual	Automotive/RV
	CB227	III	ATC Footprint	28Vdc	5-30A	2kA	Manual	Automotive/RV
	CCB-25	I	ATC Footprint	-	25A	-	Automatic	Automotive/RV
	CBB-30	II	ATC Footprint	24Vdc	30A	-	Modified	Automotive/RV
	FCB-20	II	ATC Footprint	14.5Vdc	20A	-	Modified	Automotive/RV
	UCB	I	ATC Footprint	12Vdc	6-30A	-	Automatic	Automotive/RV
Maxi	CB1911	I	MAX Footprint	14Vdc	10-50A	150A*	Automatic	Automotive/RV/Marine
	CB1921	II	MAX Footprint	12Vdc	10-30A	150A	Modified	Automotive/RV/Marine
Glass Tube	CBF	II	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	-	6-40A		Modified	Automotive/RV/Marine
Stud Mount	CB123-(amp)B	III	10-32 Studs 0.69"Ctrs	28Vdc	10-50A	1.5kA**	Manual	RV/Truck/Marine
	CB123-(amp)HB	III	10-32 Studs 0.69"Ctrs	28Vdc	10-50A	1.5kA**	Manual	RV/Truck/Marine
	CBC	I	10-32 Studs 0.69"Ctrs	14Vdc	8-50A	1.5kA	Automatic	RV/Truck/Marine
	CBC-(amp)B	I	10-32 Studs 0.69"Ctrs	14Vdc	8-50A	1.5kA	Automatic	RV/Truck/Marine
	CBC-(amp)BWP	I	10-32 Studs 0.69"Ctrs	12Vdc	20-30A	1.5kA	Automatic	RV/Truck/Marine
	CBC-(amp)HB	I	10-32 Studs 0.69"Ctrs	14Vdc	10-50A	1.5kA	Automatic	RV/Truck/Marine
	CBP-(amp)BA	I	10-32 Studs 0.69"Ctrs	14Vdc	10-50A	1.5kA	Automatic	RV/Truck/Marine
Panel Mount	CB174	III	$\frac{1}{4}$ " QC Terminals	250Vac/32Vdc	8-30A	200A	Manual	Automotive/Truck
	CB174B	III	5-32 Screw Terminals.	250Vac/32Vdc	10-40A	200A	Manual	Automotive/Truck
Quick Connect	CBT-(amp)M	II	$\frac{1}{4}$ " QC Terminals	-	10-30A	-	Modified	RV/Truck/Marine
	CBT-(amp)N	II	$\frac{1}{4}$ " QC Terminals	-	10-30A	-	Modified	RV/Truck/Marine
	CBU-6	I	$\frac{1}{4}$ " QC Terminals	-	6A	-	Automatic	RV/Truck/Marine
	CBU-30B	I	$\frac{1}{4}$ " QC Terminals	-	30A	-	Automatic	RV/Truck/Marine
High Amp	CB181P	I	Weatherproof, Panel-Mt.	30Vdc	60-150A	3kA	Automatic	RV/Truck/Marine
	CB184F	III	Surface-Mt. $\frac{1}{4}$ -35 Stud	48Vdc	25-150A	3kA	Manual	RV/Truck/Marine
	CB185	III	Surface-Mt. $\frac{1}{4}$ -35 Stud	48Vdc	25-150A	3kA	Manual	RV/Truck/Marine
	CB185P	III	Panel-Mt. $\frac{1}{4}$ -35 Stud	48Vdc	25-150A	3kA	Manual	RV/Truck/Marine
	CB187F	III	Surface-Mt. $\frac{5}{16}$ -18 Stud	48Vdc	25-150A	5kA**	Manual	RV/Truck/Marine
	CB187P	III	Panel-Mt. $\frac{5}{16}$ -18 Stud	48Vdc	25-150A	5kA**	Manual	RV/Truck/Marine
	CB251	I	Weatherproof, Panel-Mt.	32Vdc	10-50A	2.5kA	Automatic	RV/Truck/Marine
	CB254	III	Weatherproof, Panel-Mt.	32Vdc	10-50A	2.5kA	Manual	RV/Truck/Marine
	CB255	III	Weatherproof, Panel-Mt.	32Vdc	10-50A	2.5kA	Manual	RV/Truck/Marine
Plug Fuse	MB	-	Edison base plug thread	125Vac	15-20A	-	Manual	Residential fuse panels

* Changes with amp range. ** @ 12Vdc.

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