














каталог, описание, технические, характеристики, datasheet, параметры, маркировка, габариты, фото, даташит,

Предохранитель, вставка плавкая

аналог, замена

 <p>Automatic Sectionalizing Link The Cooper-Bussmann Automatic Sectionalizing Link (ASL) is a self-contained circuit-opening device.</p>	 <p>Capacitor Fusing Explosive and current-limiting capacitor fusing for protection and medium energy interruption capabilities.</p>	 <p>Current-Limiting An integral part of many distribution systems due to noiseless interruption, no explosion violence, current-limiting action, and very high current-interrupting capability.</p>	 <p>QR код</p>
 <p>Edison Modular Fuse Fully shielded and insulated in-line fuses for use in dead-front, overhead or underground, accessible cable distribution systems.</p>	 <p>Fuse Links Fuse links can be applied to a variety of applications requiring overcurrent protection of distribution systems and equipment.</p>	 <p>Fuses - electronic PCB and small dimension Electronic and small dimension fuses.</p>	
 <p>Fuses - high speed Compact, North American square body, DS 93 and female high speed fuses.</p>	 <p>Fuses - IEC and British Standard IEC and British Standard industrial fuses.</p>	 <p>Fuses - low voltage midjet and supplemental Automotive, in-line, low-voltage, midjet and pin indicating.</p>	
 <p>Fuses - low voltage UL, CSA branch circuit Class CC, CP, G, J, K5 and H, L, RK1, RK5 and T, and plug fuses.</p>	 <p>Fuses - medium voltage Medium voltage fuses up to 30kV.</p>	 <p>Power Fuses Clipping and under-of power fuses for system and asset protection.</p>	

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[Предохранители \(вставки плавкие\)](#)

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Мы не работаем с частными (физическими) лицами.

Мы работаем только с юридическими лицами(организациями) и ИП и только по безналичному расчёту.

Сделать заявку или запрос можно по телефону факсу или по электронной почте

Просим Вас указывать в заявке:

— название предприятия, факс, контактный телефон, контактное лицо;

— полное наименование и количество товара;

— возможность замены или аналоги;

Компания Ferraz, Shawmut

Компания Mersen

abc, gab, fwp, a70qs, les-rk, a6d-r, ss1, ggc-v
 agc, ggc, fwx, a30qs, lgr, slr, ss2, ggc
 anl, cnl, gdc, gdg, lhr, shr, ss5, ggc-v
 ann, cnn, gdv, gdl-v, llnrk, a2d-r, ss6, ggc
 ax1, gms, ggi, ggc-v, llsrk, a6d-r, t, gt
 baf, otm, ggl, ggc, lon, a2d-r, tjn, a3t
 ban, otm, gjv, ggc-v, lon-r, a2d-r, tjs, a6t
 bbc, gab, glh, ggc, lon-rk, a2d-r, tl, gtl
 bbs, sbs, glr, slr, los, a6d-r, trnr, tr-r
 bdb, gsb, gma, ggm, los-r, a6d-r, trsr, trs-r
 bdc, gdg, gma-v, ggm-v, los-rk, a6d-r, tscr, gga-v
 bdl, gdl, gmc, gsc, lpcc, atdr, w, gw
 bgc, ggc, gmc-v, gsc-v, lpi, ajt, wcl, a4by
 bgx, ggx, gmd, gsc, lpn, a2d-r, xl50f, a50qs
 blf, otm, gmd-v, gsc-v, lpinr, a2d-r, xl50p, a50qs
 bln, otm, gmt, gms, lpn-rk, a2d-r, xl70f, a70qs
 bls, sbs, gth, ggc, lps, a6d-r, xl70p, a70qs
 bma, ggm, ha, a6k-r, lpsr, a6d-r, 10kotr, ot
 c-hg, a2k-r, hb, a2k-r, lpsrk, a6d-r, 10kots, ots
 c-hr, a6k-r, hclr, atm-r, lsik, feb-11-11, 217, gsb
 c-j, a4j, hctr, atdr, l13s, a15qs, 218, gdg
 c-l, a4by, heb-, feb-, l25s, a30qs, 235, ggm
 ccmr, atdr, het-, febn-, l50s, a50qs, 236, ggm-v
 ces4, gab, hkp, gpm-g, l60n, a70qs, 238, gsc-v
 ces6, gsa, hlr, shr-1, l60s, a60x, 239, gsc
 cgm, ggm, hnr, a2k-r, mcl, atm, 251, gsr-v
 cj, a4j, hplf, gpm-s, mcr, gsr-v, 3ab, gab
 cjs, a4j, hps, gpm-b, mda, gsa, 3ag, ggc
 cl, a4by, hsr, a6k-r, mdl, gdl, 3ag-sb, gdl
 cll, a4by, idsr, trs, mdq, gdl, 3ap, ggc-v
 clu, a4by, j, a4j, mdv, gdl-v, 3sb, gdl
 cm, otm, ja, a4j, mdx, gdl, 3sbp, gdl-v
 cmc, otm, jcd, a240t, men, trm, 3wo, gdl
 cmf, otm, jce, a480t, meq, atq, 3wop, gdl-v
 cnm, trm, jck, a240r, mid, gfn, 311, ggc
 cnq, atq, jcl(4.8kv), a480r, mof, otm, 312, ggc
 cm-r, tr-r, jcl(600v), a4j, mol, otm, 313, gdl
 crs-r, trs-r, jdl, ajt, mq, gsr-v, 314, gab
 csf13x, a15qs, jll, a4j, mq3, ggm-v, 315, gdl-v
 csf25x, a30qs, jhc, ajt, mq4, ggm, 318, ggc-v
 csf50p, a50qs, jjn, a3t, mth, ggc, 326, gsa
 csf60c, a60x, jjs, a6t, mt3, gga-v, 36, a4j
 csf60x, a60x, jks, a4j, ncl, a2k-r, 361, ggx
 csf70p, a70qs, jlln, a3t, ncl-r, a2k-r, 362, ggx
 csf100p, a100p, jlls, a6t, ncl-r, a2d-r, 3740, gtl
 csn-r, tr-r, jls, a4j, nln, ot, 3765, gw
 css-r, trs-r, jtd, ajt, nls, ots, 3770, gsl
 ctk-r, atm-r, kaa, a15qs, non, ot, 401, gms
 ctn-r, a2k-r, kab, a30qs, nos, ots, 49498-5, ti-600
 cts-r, a6k-r, kah, a15qs, nsd10, gdl, 49498-6, ti-1500
 denr, tr-r, kax, a30qs, nsd9, gdl-v, 5ag, ggu
 desr, trs-r, kaz, ti-600, nssa2, ggc, 5mf, ggm
 dinr, tr-r, kbc, a60x, pon, otn, 5mfp, ggm-v
 dlsr, trs-r, kbh, a50qs, ren, rf, 5mtp, gga-v
 ebs, sbs, kbp, a70qs, res, rfs, 5sf, gsb
 ecn, tr-r, kby, ti-1500, rfa, a15qs, 5st, gdg
 ecn-r, tr-r, kla, a15qs, rll, a70qs, 5tt, gsc
 ecs, trs-r, klb, a30qs, rfn, a30qs, 5tpp, gsc-v
 ecs-r, trs-r, kldr, atqr, rfv, a50qs, 50f, gsb
 elr, slr, kllh, a50qs, rfz, ti-600, 50kotr, ot
 enl, cnl, kllk, atm, rhn, a2k-r, 50kots, ots
 enn, cnn, kllk-r, atm-r, rhs, a6k-r, 5ot, gdg
 eon, ot, kllu, a4bt, rln, rf, 51nm, ggm
 eos, ots, klmr, atdr, rls, rfs, 51s, gsc
 eq, gsb, klnr, a2k-r, r3-12, gpm-a, 511, ggu
 ern, rf, klp-c, a4bq, r3-13, gpm-g, 512, ggu
 ers, rfs, klsr, a6k-r, r3-18, gpm-b, 52, tr-r
 et, gdg, klu, a4bt, r640, tr-r, 52nm, ggm-v
 e13s, a15qs, kn, a2k-r, r641, trs-r, 52s, gsc-v
 e13sf, a15qs, kon, ot, sami-i, dfc-i, 56, trs-r
 e25s, a30qs, kos, ots, sami-n, dfc-n, 6jx, atm
 e50s, a50qs, krp-c, a4bq, sc, ag, 61nm, ggc
 e70s, a70qs, ks, a6k-r, scl, a6k-r, 61s, gdl
 fbp, a70qs, ktk, atm, scl-r, a6k-r, 62, ot
 fh042, gpm-g, ktk-r, atm-r, scl-r, a6d-r, 62nm, ggc-v
 fh043, gpm-a, ktn, a2k-r, sd4, gdl, 62s, gdl-v
 fla, gfn, ktn-r, a2k-r, sd5, gsr-v, 640, tr-r
 flm, trm, kts, a6k-r, sd6, gsc, 65nm, gab
 flnr, tr-r, kts-r, a6k-r, sec, ag, 65ts, gsa
 flq, atq, ktu, a4by, sf100p, a100p, 655, ot
 flsr, trs-r, kwn-r, a2k-r, sf13x, a15qs, 656, ots
 fna, gfn, kws-r, a6k-r, sf25x, a30qs, 66, ots
 fnm, trm, l, a4by, sf50p, a50qs, 660, rf
 fnq, atq, lck, a240r, sf60, a60x, 670, gt
 fnqr, atqr, lcl, a4bt, sf70p, a70qs, 675, gsl
 fnw, trm, lcu, a4by, sj, a4j, 680, rfs
 frn, tr-r, leb-, feb-, skm, ggu, 690, gw
 frnr, tr-r, len, a2d-r, sl, gsl, 72, rf
 frs, trs-r, len-r, a2d-r, slc, ag, 76, rfs
 frsr, trs-r, len-rk, a2d-r, sl2, ggx, 8ag, ggx
 fwa, a15qs, les, a6d-r, sl4, ggx, 92, rf
 fwh, a50qs, les-r, a6d-r, sp5, gsr-v, 96, rfs

Bussmann	Littelfuse	Gould / Ferraz / Shawmut	Edison / Bullet	Cefco	Economy
1AG, (A, amper), , AGA, (A, amper),	301, (A, amper),				

213

216, (A, amper),					
226, (A, amper),					
263, (A, amper),					
3AB, (A, amper), ,	314, (A, amper),		GAB, (A, amper),		
3AG, (A, amper), ,					
AGC, (A, amper), ,	311, (A, amper), ,		GGC, (A, amper), ,		
GLH, (A, amper), ,	312, (A, amper), ,		GGL, (A, amper), ,		
MBW, (A, amper), ,			GTH, (A, amper),		
MMB, (A, amper), ,					
MTH, (A, amper),					

4164

4AB, (A, amper), ,					
ABS, (A, amper),					
4AG, (A, amper), ,					
AGS, (A, amper),					

5AB, (A, amper), ,	512, (A, amper), ,				
ABU, (A, amper), ,	BLF, (A, amper), ,	GGU, (A, amper), ,		MOF, (A, amper), ,	
AGU, (A, amper), ,		OTM, (A, amper),		MOL, (A, amper),	
BAF, (A, amper), ,	BLN, (A, amper),				
BAN, (A, amper),					

5AG, (A, amper), ,	512, (A, amper), ,				
5AB, (A, amper), ,	BLF, (A, amper), ,	GGU, (A, amper), ,		MOF, (A, amper), ,	
ABU, (A, amper), ,		OTM, (A, amper),		MOL, (A, amper),	
AGU, (A, amper), ,	BLN, (A, amper),				
BAF, (A, amper), ,					
BAN, (A, amper),					

616

663

70N-10A	70N	70N			
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7AG, (A, amper), ,	303, (A, amper),				
AGW, (A, amper),					

8AG, (A, amper), ,	361, (A, amper), ,				
AGX, (A, amper), ,	362, (A, amper),	GGX, (A, amper),			
MJB, (A, amper), ,					
MJW, (A, amper), ,					
MKB, (A, amper),					

ABC, (A, amper),	314, (A, amper),		GAB, (A, amper),		
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ABS, (A, amper),					
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ABU, (A, amper), ,	BLF, (A, amper), ,				
BAF, (A, amper), ,	BLN, (A, amper),	OTM, (A, amper),		MOF, (A, amper), ,	
BAN, (A, amper),				MOL, (A, amper),	

ACF, (A, amper),					
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ACH, (A, amper),					
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ACK, (A, amper),	CCK, (A, amper),	ACK, (A, amper),	ECK, (A, amper),		
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ACL, (A, amper),	CCL, (A, amper),	ACL, (A, amper),	ECL, (A, amper),	CCL, (A, amper), [30-100A]	
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Bussmann	Littelfuse	Gould / Ferraz / Shawmut	Edison / Bullet	Cefco	Economy
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ACT, (A, amper),					
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ADD, (A, amper),					
to AFZ, (A, amper),					

AF, (A, amper),					
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AFJ, (A, amper),					
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AFS, (A, amper),					
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AFX, (A, amper),					
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AFZ, (A, amper),					
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AGA, (A, amper),	301, (A, amper),				
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AGC, (A, amper), ,	311, (A, amper), ,	GGC, (A, amper),			
MMB, (A, amper),	312, (A, amper),				

AGC-V	318, (A, amper),	GGC-V			
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AGS, (A, amper),					
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AGU, (A, amper), ,	512, (A, amper), ,	GGU, (A, amper), ,		MOF, (A, amper), ,	
ABU, (A, amper), ,	BLF, (A, amper), ,	OTM, (A, amper),		MOL, (A, amper),	
BAF, (A, amper), ,	BLN, (A, amper),				
BAN, (A, amper),					

AGW, (A, amper),	303, (A, amper),				
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AGX, (A, amper), ,	361, (A, amper), ,	GGX, (A, amper),			
MKB, (A, amper),	362, (A, amper),				

ALS, (A, amper), , AFX, (A, amper),		ALS, (A, amper),	AOK, (A, amper),		
ANL, (A, amper),	CNL, (A, amper),	CNL, (A, amper),	ENL, (A, amper), , ENLE, (A, amper),		
ANN, (A, amper),	CNN, (A, amper),	CNN, (A, amper),	ENN, (A, amper), , ENNE, (A, amper),		
ARD, (A, amper), to ASX, (A, amper),					
ATC, (A, amper),	257, (A, amper), , ATO, (A, amper),	AF, (A, amper),			
AX1, (A, amper), , AX1B, (A, amper), , GMT, (A, amper), , GMT, (A, amper), A	401, (A, amper), , 481, (A, amper),	GMS, (A, amper),			
AX1B, (A, amper), , AX1, (A, amper), , GMT, (A, amper), , GMT, (A, amper), A	401, (A, amper), , 481, (A, amper),	GMS, (A, amper),			
BAF, (A, amper), , BAN, (A, amper),	BLF, (A, amper), , BLN, (A, amper),	OTM, (A, amper),	MOF, (A, amper), , MOL, (A, amper),		
BAN, (A, amper),	BLN, (A, amper),		MOF, (A, amper),		
BBS, (A, amper), , KTQ, (A, amper),	BLS, (A, amper), , KLQ, (A, amper),	SBS, (A, amper),	EBS, (A, amper), , KEG, (A, amper),		
BCA, (A, amper), to BTX, (A, amper),					
Bussmann	Littelfuse	Gould / Ferraz / Shawmut	Edison / Bullet	Cefco	Economy
BRB, (A, amper),					
C, (A, amper),	332, (A, amper), , C, (A, amper),				
CAB, (A, amper), to CAJ, (A, amper),					
CGL, (A, amper),		FES, (A, amper),			
DLN-R, (A, amper), , FRN-R, (A, amper),	FLNR, (A, amper),	TR, (A, amper), R	ECNR, (A, amper),	CRN-R, (A, amper),	
DLS-R, (A, amper), , FRS-R, (A, amper),	FLSR, (A, amper),	TRS, (A, amper), R	ECSR, (A, amper),	CRS-R, (A, amper),	
FBP, (A, amper), [0-30A], FWP, (A, amper),	L70S, (A, amper),	A70P, (A, amper), , A70QS, (A, amper),			
FM01, (A, amper),					
FNA, (A, amper),	FLA, (A, amper),	GFN, (A, amper),	MID, (A, amper),		
FNJ, (A, amper),					
FNM, (A, amper), [0-10A]	FLM, (A, amper),	TRM, (A, amper),	MEN, (A, amper),		
FNM, (A, amper), [12-15A], FNM, (A, amper), [0-10A]	523, (A, amper), , FLM, (A, amper),	TRM, (A, amper),	MEN, (A, amper),		
FNM, (A, amper), [20-30A], FNM, (A, amper), [0-10A], FNM, (A, amper), [12-15A]	523, (A, amper), , FLM, (A, amper),	TRM, (A, amper),	MEN, (A, amper),		
FNQ, (A, amper), , FNQ-R, (A, amper),	FLQ, (A, amper), , KLDR, (A, amper),	ATQ, (A, amper), , ATQR, (A, amper),	MEQ, (A, amper),		
FNQ-R, (A, amper),	KLDR, (A, amper),	ATQR, (A, amper),			
FNW, (A, amper),					
FRN, (A, amper), ,	FLN, (A, amper), ,	TR, (A, amper), , TR, (ECN, (A, amper),	CRN, (A,	

DLN-R, (A, amper) , , FRN-R, (A, amper) ,			A, amper), R	amper), , ECNR, (A, amper),	amper), , CRN-R, (A, amper),	
FRN-R, (A, amper) , , DLN-R, (A, amper) ,	FLNR, (A, amper),	TR, (A, amper),	R	ECNR, (A, amper),	CRN-R, (A, amper),	
FRS, (A, amper) , , DLS-R, (A, amper) , , FRS-R, (A, amper) ,	FLS, (A, amper) , , FLSR, (A, amper) ,	TRS, (A, amper) , , TRS, (A, amper) , R		ECS, (A, amper) , , ECSR, (A, amper) ,	CRS, (A, amper) , , CRS-R, (A, amper) ,	
FRS-R, (A, amper) , , DLS-R, (A, amper) ,	FLSR, (A, amper) ,	TRS, (A, amper) ,	R	ECSR, (A, amper) ,	CRS-R, (A, amper) ,	
FWA-, (A, amper) , A [70-1000A], FWA-, (A, amper) , B [70-1000A]	L15S, (A, amper) , [70-800A]	A15QS, (A, amper) ,	-4			
FWA-, (A, amper) , A10F [5-30A]	L15S, (A, amper) , [1-30A]	A15QS, (A, amper) ,	-2			
FWA-, (A, amper) , A21F [35-60A]	L15S, (A, amper) , [35-60A]	A15QS, (A, amper) ,	-1			
FWA-, (A, amper) , AH		A13X, (A, amper) ,	-128	RFA, (A, amper) , [1000-4000A]		
FWA-, (A, amper) , B [70-1000A], FWA-, (A, amper) , A [70-1000A]	L15S, (A, amper) , [70-800A]	A15QS, (A, amper) ,	-4			
Bussmann	Littelfuse	Gould / Ferraz / Shawmut		Edison / Bullet	Cefco	Economy
FWH, (A, amper) ,	L50S, (A, amper) ,	A50P, (A, amper) , , A50QS, (A, amper) ,		REV, (A, amper) ,		
FWP, (A, amper) , , FBP, (A, amper) , [0-30A]	L70S, (A, amper) ,	A70P, (A, amper) , , A70QS, (A, amper) ,				
FWX-, (A, amper) , A	L25S, (A, amper) , [35-800A]	A25X, (A, amper) , 4, A30QS, (A, amper) , -4				
FWX-, (A, amper) , A14F	L25S, (A, amper) , [1-30A]	A25X, (A, amper) , 1 [10-30A], A25X, (A, amper) , 1 [1-9A], A30QS, (A, amper) , -1				
FWX-, (A, amper) , AH		A25X, (A, amper) , 128, A30QS, (A, amper) , -128				
GBA, (A, amper) ,	336, (A, amper) ,	3ABSRI, (A, amper) ,				
GBB, (A, amper) ,	322, (A, amper) ,			GBB, (A, amper) ,		
GBC, (A, amper) ,	GBC, (A, amper) ,					
GDA, (A, amper) ,	216, (A, amper) ,	GSD, (A, amper) ,				
GDA-V, (A, amper) ,	216, (A, amper) , XE, 266, (A, amper) ,	GSD-V, (A, amper) ,				
GDB, (A, amper) ,	217, (A, amper) ,	GSB, (A, amper) ,				
GDB-V, (A, amper) ,	217, (A, amper) , XE, 227, (A, amper) ,	GSB-V, (A, amper) ,				
GDC, (A, amper) ,	218, (A, amper) ,	GDG, (A, amper) ,				
GDC-V, (A, amper) ,	218, (A, amper) , XE, 228, (A, amper) ,	GDG-V, (A, amper) ,				
GJU, (A, amper) , , GMA, (A, amper) , [0-3A], GMA, (A, amper) , [3.15-15A]	235, (A, amper) , [0-3A], 235, (A, amper) , [4-6A]	GGM, (A, amper) , [0-3A], GGM, (A, amper) , [10-15A], GGM, (A, amper) , [4-8A]				
GJV, (A, amper) , , AGC-V	318, (A, amper) ,	GGC-V, GGJ, (A, amper) ,				RGJV
GKB, (A, amper) , , 70N-10A	70N	70N				
GLD, (A, amper) ,	334, (A, amper) ,					
GLH, (A, amper) , ,	311, (A, amper) , ,	GGC, (A, amper) , ,				

AGC, (A, amper), ,	312, (A, amper),	GGL, (A, amper),
MBW, (A, amper),		
, MMB, (A, amper),		
GLN, (A, amper), ,	251, 252, (A,	
MCR	amper), , 256, (A,	GSR-V
	amper),	
GLQ, (A, amper),		
GLR, (A, amper),	LGR, (A, amper),	SLR, (A, amper),
GLX, (A, amper),		GLR, (A, amper), -V
GMA, (A, amper),	235, (A, amper),	GGM, (A, amper), [0-
[0-3A]	[0-3A]	3A], GGM, (A, amper),
		[10-15A]
GMA, (A, amper),	235, (A, amper),	GGM, (A, amper), [0-
[3.15-15A], GMA, ([0-3A], 235, (A,	3A], GGM, (A, amper),
A, amper), [0-3A]	amper), [4-6A]	[10-15A], GGM, (A,
		amper), [4-8A]

Bussmann	Littelfuse	Gould / Ferraz / Shawmut	Edison / Bullet	Cefco	Economy
GMA-V, (A, amper), [0-3A]	235, (A, amper), XE [0-3A], 236, (A, amper), [0-3A]	GGM-V, (A, amper), [0-3A], GGM-V, (A, amper), [10-15A]			
GMA-V, (A, amper), [3.15-15A], GMA-V, (A, amper), [0-3A]	235, (A, amper), XE [0-3A], 235, (A, amper), XE [4-6A], 236, (A, amper), [0-3A], 236, (A, amper), [4-6A]	GGM-V, (A, amper), [0-3A], GGM-V, (A, amper), [10-15A], GGM-V, (A, amper), [4-8A]			
GMF, (A, amper),	LMF, (A, amper),	SMF, (A, amper),			
GMQ, (A, amper),					
GMT, (A, amper), , A	GMT, (A, amper), , 401, (A, amper), , 481, (A, amper),	GMS, (A, amper),			
GMT, (A, amper), A, A, amper),	GMT, (A, amper), , 401, (A, amper), , 481, (A, amper),	GMS, (A, amper),			
GMW, (A, amper),		FAMC, (A, amper),			
GRF, (A, amper), , GMF, (A, amper),	LMF, (A, amper),	SMF, (A, amper),			
GRR, (A, amper),					
HAF, (A, amper),					
HAG, (A, amper),					
HBO, (A, amper),	CBO, (A, amper),		OBH, (A, amper),		
HC, (A, amper), , amper),	CGL, (A, amper),	FES, (A, amper),			
HKL, (A, amper),	344404, 344405				
HKP					
HLQ, (A, amper),					
HLR	LHR	SHR			
HPF	571007	GPM-S			
HPS		GPM-B			
HR	155	SFRT			
HRK	150145	SFRG			
HSK, (A, amper),					
HTB-22I	3453LF2				
HTB-42I	342012	GPM-G			
HVA, (A, amper),					
Bussmann	Littelfuse	Gould / Ferraz / Shawmut	Edison / Bullet	Cefco	Economy
HVB, (A, amper),					
HVJ, (A, amper),					
HVL, (A, amper),					
HVR, (A, amper),					
HVT, (A, amper),					
HVU, (A, amper),					
HVW, (A, amper),					
HVX, (A, amper),					

IBM, (A, amper), , 70N-10A, GKB, (A, amper),	70N	70N			
JCK, (A, amper), R		A240R-, (A, amper), R			
JCK-A, (A, amper), R		A240R-, (A, amper), R-HS			
JCM, (A, amper),					
JCP, (A, amper),					
JCW, (A, amper),					
JHC, (A, amper), , LPJ, (A, amper), , LPJ, (A, amper), SP	JTD, (A, amper), , JTD, (A, amper), ID	AJT, (A, amper), , AJT, (A, amper), Smart Spot			
JJN, (A, amper),	JLLN, (A, amper),	A3T, (A, amper),	TJN, (A, amper),		
JJS, (A, amper),	JLLS, (A, amper),	A6T, (A, amper),	TJS, (A, amper),		
JKS, (A, amper),	JLS, (A, amper),	A4J, (A, amper),	JCL, (A, amper),		
KAA, (A, amper), , FWA-, (A, amper), A10F [5-30A], KAW, (A, amper),	KLA, (A, amper), [1-30A], KLW, (A, amper), , L13S, (A, amper), [1-30A], L15S, (A, amper), [1-30A]	A13X, (A, amper), -2, A15QS, (A, amper), -2	RFA, (A, amper), [1-30A]		
KAB, (A, amper), [1-30A], FWX-, (A, amper), A14F, KAX, (A, amper), [1-30A]	KLB, (A, amper), [1-30A], L25S, (A, amper), [1-30A]	A25X, (A, amper), 1 [10-30A], A25X, (A, amper), 1 [1-9A], A30QS, (A, amper), -1	RFN, (A, amper), [1-30A]		E25S, (A, amper), [1-30A]
KAB, (A, amper), [35-800A], FWX-, (A, amper), A, KAX, (A, amper), [35-800A]	KLB, (A, amper), [35-800A], L25S, (A, amper), [35-800A]	A25X, (A, amper), 4, A30QS, (A, amper), -4	RFN, (A, amper), [35-800A]		E25S, (A, amper), [30-999A]
KAC, (A, amper),	KLC, (A, amper),	A60X, (A, amper), type 4K	RFC, (A, amper),		
KAF, (A, amper), KAF-C, (A, amper),					
KAG, (A, amper), , FWX-, (A, amper), AH		A25X, (A, amper), 128, A30QS, (A, amper), -128	RFN, (A, amper), HP		E25S, (A, amper), [1000-1200A]
Bussmann	Littelfuse	Gould / Ferraz / Shawmut	Edison / Bullet	Cefco	Economy
KAJ35-60, (A, amper),			RFJ35-60		
KAW, (A, amper), , FWA-, (A, amper), A10F [5-30A], KAA, (A, amper),	KLA, (A, amper), [1-30A], KLW, (A, amper), , L13S, (A, amper), [1-30A], L15S, (A, amper), [1-30A]	A13X, (A, amper), -2, A15QS, (A, amper), -2	RFA, (A, amper), [1-30A]		
KAX, (A, amper), [1-30A], FWX-, (A, amper), A14F, KAB, (A, amper), [1-30A]	KLB, (A, amper), [1-30A], L25S, (A, amper), [1-30A]	A25X, (A, amper), 1 [10-30A], A25X, (A, amper), 1 [1-9A], A30QS, (A, amper), -1	RFN, (A, amper), [1-30A]		E25S, (A, amper), [1-30A]
KAX, (A, amper), [35-800A], FWX-, (A, amper), A, KAB, (A, amper), [35-800A]	KLB, (A, amper), [35-800A], L25S, (A, amper), [35-800A]	A25X, (A, amper), 4, A30QS, (A, amper), -4	RFN, (A, amper), [35-800A]		E25S, (A, amper), [30-999A]
KAZ, (A, amper),		T1600	RFZ, (A, amper),		
KBC, (A, amper),	L60S, (A, amper),	A60X, (A, amper),	RFS, (A, amper),		
KBH, (A, amper), , FWH, (A, amper),	L50S, (A, amper),	A50P, (A, amper), , A50QS, (A, amper),	REV, (A, amper),		

KBP, (A, amper),					
(A, amper), [0-30A],	L70S, (A, amper),	A70P, (A, amper),		RFL, (A, amper),	
FWP, (A, amper),		A70QS, (A, amper),			
KC, (A, amper),					
KD, (A, amper),					
KGA, (A, amper),					
KGC, (A, amper),					
KLA, (A, amper), to					
KLF, (A, amper),					
KLP, (A, amper),				DCL, (A, amper),	
				LCL, (A, amper),	
KLU, (A, amper), , , KRP-C,	KLLU, (A, amper),	A4BQ, (A, amper),		, LKU, (A, amper),	CLU
(A, amper), , KRP-C, (A, amper), SP	, KLP, (A, amper),	A4BT, (A, amper),		, LKU, (A, amper),	
	, KLPC, (A, amper),	A4BY, (A, amper),			
KP, (A, amper),					
KRP-C, (A, amper), , , KRP-C,	KLPC, (A, amper),	A4BQ, (A, amper),		LCL, (A, amper),	
(A, amper), SP					
KRP-C, (A, amper), SP		A4BQ, (A, amper),			
KRR, (A, amper),					
KTE, (A, amper), , , KTJ,					
(A, amper),					
KTJ, (A, amper), , , KTE,					
(A, amper),					
				HCLR, (A, amper),	
KTK, (A, amper), , , KTK-R,	KLK, (A, amper),	A6Y, (A, amper), type2,		, , MCL, (A, amper),	
(A, amper),	KLKR, (A, amper),	ATM, (A, amper), , ATM-R,		(A, amper),	
		R, (A, amper),			
KTK-R, (A, amper),	KLKR, (A, amper),	ATM-R, (A, amper),		HCLR, (A, amper),	
KTN, (A, amper),	KLN, (A, amper),	A2K, (A, amper),		NCL, (A, amper),	CTN, (A, amper),
KTN-A, (A, amper),					
canadian					

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Economy

KTN-R, (A, amper), KLNR, (A, amper), A2K, (A, amper), RNCLR, (A, amper), CTNR, (A, amper), **KTQ, (A, amper),** KLQ, (A, amper), KEG, (A, amper), **KTS, (A, amper),** KLS, (A, amper), A6K, (A, amper), SCL, (A, amper), **KTS-R, (A, amper),** KLSR, (A, amper), A6K, (A, amper), RSCLR, (A, amper), **KTU, (A, amper),** LAA, (A, amper), LAA-F, (A, amper), **LAR, (A, amper),** LHA, (A, amper), **LKB, (A, amper),** LKC, (A, amper), LKI, (A, amper), LKN, (A, amper), LKN, (A, amper), RL, (A, amper), ELNE, (A, amper), **LKO, (A, amper),** LKS, (A, amper), , KLU, (A, amper), , KRP-C, (A, amper), , KRP-C, (A, amper), SP, LKU, (A, amper), KLL, (A, amper), , KLLU, (A, amper), , KLP, (A, amper), , KLPC, (A, amper), , LKUA4BQ, (A, amper), , A4BT, (A, amper), , A4BY, (A, amper), LCL, (A, amper), , LKU, (A, amper), CLL, CLULKU, (A, amper), , KLU, (A, amper), , KRP-C, (A, amper), , KRP-C, (A, amper), SP, LKS, (A, amper), KLL, (A, amper), , KLLU, (A, amper), , KLP, (A, amper), , KLPC, (A, amper), , LKUA4BQ, (A, amper), , A4BT, (A, amper), , A4BY, (A, amper), LCL, (A, amper), , LKU, (A, amper), CLL, CLULPA, (A, amper), to **LPI, (A, amper),** LP-CC, (A, amper), CCMR, (A, amper), ATD-R, (A, amper), EPCC, (A, amper), **LPJ, (A, amper),** , LPJ, (A, amper), SPJTD, (A, amper), , JTD, (A, amper), IDAJT, (A, amper), , AJT, (A, amper), Smart Spot**LPJ, (A, amper),** SPJTD, (A, amper), , JTD, (A, amper), IDAJT, (A, amper), , AJT, (A, amper), Smart Spot**LPN, (A, amper),** LLN, (A, amper), A2D, (A, amper), **LPN-R, (A, amper),** LLNR, (A, amper), AT-DE-RLPN-RK, (A, amper), , LPN-RK, (A, amper), SPLNLRK, (

A, amper), A2D, (A, amper), RLENRK, (A, amper), LON-RK, (A, amper), LPN-RK, (A, amper), SPLLRK, (A, amper), A2D, (A, amper), RLENRK, (A, amper), LPO, (A, amper),

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Economy

LPS, (A, amper), , LPS-R, (A, amper), LLS, (A, amper), ATS-DE-RLLSRLPS-R, (A, amper), LLS, (A, amper), ATS-DE-RLLSRLPS-RK, (A, amper), , LPS-RK, (A, amper), SPLLSRK, (A, amper), A6D, (A, amper), , A6D, (A, amper), RLESRK, (A, amper), **LPS-RK, (A, amper)**, SPLLSRK, (A, amper), A6D, (A, amper), RLESRK, (A, amper), **LRA, (A, amper)**, to **LRU, (A, amper)**, **MBB, (A, amper)**, **MBO, (A, amper)**, **MBW, (A, amper)**, , AGC, (A, amper), , MMB, (A, amper), 311, (A, amper), , 312, (A, amper), GGC, (A, amper), **MCR251GSR-VMD, (A, amper)**, 3425, (A, amper), **MDA, (A, amper)**, 326, (A, amper), GSA, (A, amper), **MDC, (A, amper)**, **MDF, (A, amper)**, **MDL, (A, amper)**, , MDQ, (A, amper), , MDV, (A, amper), , MDX, (A, amper), 313, (A, amper), , 315, (A, amper), GDL, (A, amper), , GDV, (A, amper), **MDL-V, (A, amper)**, 315, (A, amper), **MDM, (A, amper)**, **MDQ, (A, amper)**, , MDL, (A, amper), , MDV, (A, amper), , MDX, (A, amper), 313, (A, amper), , 315, (A, amper), GDL, (A, amper), , GDV, (A, amper), **MDR, (A, amper)**, **MDV, (A, amper)**, , MDL, (A, amper), , MDQ, (A, amper), , MDX, (A, amper), 313, (A, amper), , 315, (A, amper), GDL, (A, amper), , GDV, (A, amper), **MDX, (A, amper)**, , MDL, (A, amper), , MDQ, (A, amper), , MDV, (A, amper), 313, (A, amper), , 315, (A, amper), GDL, (A, amper), , GDV, (A, amper), **MGB, (A, amper)**, **MIC, (A, amper)**, , MIJ, (A, amper), **MIJ, (A, amper)**, , MIC, (A, amper), **MIN, (A, amper)**, 1812, (A, amper), MIDR, (A, amper), **MIS, (A, amper)**, , MS, (A, amper), 473, (A, amper),

Bussmann	Littelfuse	Gould / Ferraz / Shawmut	Edison / Bullet	Cefco	Economy
MJB, (A, amper) , , AGX, (A, amper), , MJW, (A, amper), , MKB, (A, amper),	361, (A, amper), , 362, (A, amper),	GGX, (A, amper),			
MJW, (A, amper) , , AGX, (A, amper), , MJB, (A, amper), , MKB, (A, amper),	361, (A, amper), , 362, (A, amper),	GGX, (A, amper),			
MKB, (A, amper) , , AGX, (A, amper),	361, (A, amper), , 362, (A, amper),	GGX, (A, amper),			
MMB, (A, amper) , MS, (A, amper) , , MIS, (A, amper),	473, (A, amper),				
MTH, (A, amper) , , AGC, (A, amper), , GLH, (A, amper), , MBW, (A, amper), , MMB, (A, amper),	311, (A, amper), , 312, (A, amper),	GGC, (A, amper), , GGL, (A, amper), , GTH, (A, amper),			
N, (A, amper) , NAA, (A, amper) , to NAM, (A, amper) , NO.263 NO.2642 NO.2664				CFR-263 CFR-642 CFR-264	
NON, (A, amper) ,	NLN, (A, amper),	OT, (A, amper),	KON, (A, amper),	10KOTN, (A, amper), , 50KOTN, (A, amper), [0-60A]	

NOS, (A, amper),	NLS, (A, amper),	OTS, (A, amper),	KOS, (A, amper),	50KOTS, (A, amper), [0-60A]	
ODA, (A, amper), to OWZ, (A, amper),					
REN, (A, amper),	RLN, (A, amper),	RF, (A, amper),	ERN, (A, amper),	R, (A, amper),	
RES, (A, amper),	RLS, (A, amper),	RFS, (A, amper),	ERS, (A, amper),		
RHA, (A, amper), to RRU, (A, amper),					
S, (A, amper),	S, (A, amper), , SLO, (A, amper), , SOO, (A, amper),		S, (A, amper),		
SA, (A, amper),	SAO, (A, amper),				
SC, (A, amper),	SLC, (A, amper),	AG, (A, amper),			
SCY, (A, amper),					
SFE, (A, amper),	307, (A, amper), , SFE, (A, amper),				
SKA, (A, amper),					
SKG, (A, amper),					
SL, (A, amper),					
T, (A, amper),	TOO, (A, amper),	GT, (A, amper),	T, (A, amper),		
TAA, (A, amper),					
TFA, (A, amper),					
TFC, (A, amper),					
TFL, (A, amper),					
TFS, (A, amper),					
TL, (A, amper),	TLO, (A, amper),	GTL, (A, amper),			
UHA, (A, amper), , UHC, (A, amper),					
UHC, (A, amper), , UHA, (A, amper),					
W, (A, amper),	WOO, (A, amper),	GW, (A, amper),	W, (A, amper),	P, (A, amper),	
WAA, (A, amper), to WHA, (A, amper),					
WER, (A, amper),					
WIRE, (A, amper),					
WKF, (A, amper),					
WKH, (A, amper),					
WKJ, (A, amper),					
WKK, (A, amper),					
WKO, (A, amper),					
WKU, (A, amper),					
WPA, (A, amper),					
WQL, (A, amper),					
WTK, (A, amper),					
WWE, (A, amper),					
WWX, (A, amper),					

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10KOTN(AMP)	KON(AMP)	ATMR(AMP)	HCLR(AMP)
10KOTS(AMP)	KOS(AMP)	ATO(AMP)	ATC(AMP)
216(AMP)	GDA(AMP)	ATQ(AMP)	MEQ(AMP)
217(AMP)	GDB(AMP)	ATQR(AMP)	HCTR(AMP)
218(AMP)	GDC(AMP)	BAF(AMP)	MOL(AMP)
235(AMP)	GMA(AMP)	BAN(AMP)	MOL(AMP)
239(AMP)	GMD(AMP)	BBC(AMP)	ABC(AMP)
25SH(AMP)	SF25H(AMP)	BBS(AMP)	EBS(AMP)
307(AMP)	SFE(AMP)	BGC(AMP)	AGC(AMP)
311(12-39)	AGC(12-30)	BGX(AMP)	AGX(AMP)
312(1/10-10)	AGC(.1-10)	BLF(AMP)	MOL(AMP)
313(AMP)	MDL(AMP)	BLN(AMP)	MOL(AMP)
314(AMP)	ABC(AMP)	BLS(AMP)	EBS(AMP)
326(AMP)	MDA(AMP)	CBS(AMP)	EBS(AMP)
342012	HKP	CCK(AMP)	ACK(AMP)
361(AMP)	AGX(AMP)	CCL(AMP)	ACL(AMP)
362(AMP)	AGC(AMP)	CCMR(AMP)	EDCC(AMP)
3740(15-30)	TL(15-30)	CJ(AMP)	JFL(AMP)
3765(15-30)	TL(15-30)	CJS(AMP)	JFL(AMP)
3770(15-30)	SL(15-30)	CLU(AMP)	LCU(AMP)
3780(.25-30)	S(1/4-30)	CMF(AMP)	MOL(AMP)
3785(.3-30)	T(3/10-30)	CNL(AMP)	ANL(AMP)
3AB(AMP)	ABC(AMP)	CNM(AMP)	MEN(AMP)
3AB-SB(AMP)	MDA(AMP)	CNN(AMP)	ANN(AMP)
3AG(AMP)	AGC(AMP)	CNQ(AMP)	MEQ(AMP)
3AG-SB(AMP)	MDL(AMP)	CRN-R(AMP)	ECNR(AMP)
50KOTN(1-60)	KON(1-60)	CRS-R(AMP)	ECSR(AMP)
50KOTS(15-60)	KOS(15-60)	CSU	SSU
8AG(AMP)	AGX(AMP)	CSY	SSY
A2D(AMP)	LENRK(AMP)	CTK(AMP)	MCL(AMP)
A2D(AMP)R	LENRK(AMP)	CTK-R(AMP)	HCLR(AMP)
A2K(AMP)R	NCLR(AMP)	CTN-R(AMP)	NCLR(AMP)
A3T(AMP)	TJN(AMP)	CTS-R(AMP)	SCLR(AMP)
A4BY(AMP)	LCL(AMP)	ECK(AMP)	ACK(AMP)
A4J(AMP)	JFL(AMP)	ECL(AMP)	ACL(AMP)
A6D(AMP)	LESRK(AMP)	EGX(AMP)	AGX(AMP)
A6D(AMP)R	LESRK(AMP)	ENL(AMP)	ANL(AMP)
A6K(AMP)	SCLR(AMP)	ENN(AMP)	ANN(AMP)
A6K(AMP)R	SCLR(AMP)	EON(AMP)	KON(AMP)
A6T(AMP)	TJS(AMP)	EOS(AMP)	KOS(AMP)
AG5(AMP)	SEC(AMP)	ESA	SA(AMP)
AJT(AMP)	JDL(AMP)	ESOU	SOU
AOK(AMP)	ALS(AMP)	ESRU	SRU
ATDR(AMP)	EDCC(AMP)	ESSU	SSU
ATM(AMP)	MCL(AMP)	ESSY	SSY

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FUSE CROSS REFERENCE

<u>COMPETITOR</u>	<u>EDISON</u>	<u>COMPETITOR</u>	<u>EDISON</u>
FLA(AMP)	MID(AMP)	LHR000	HLR
FLM(AMP)	MEN(AMP)	LKN(1-60)	ELNE(1-60)
FLNR(AMP)	ECNR(AMP)	LKS(1-60)	ELS(1-60)
FLQ(AMP)	MEQ(AMP)	LLNRK(AMP)	LENRK(AMP)
FLSR(AMP)	ECSR(AMP)	LLSRK(AMP)	LESRK(AMP)
FNA(AMP)	MID(AMP)	LMR	GMF(AMP)
FNM(AMP)	MEN(AMP)	LON-R(AMP)	ECNR(AMP)
FNQ(AMP)	MEQ(AMP)	LON-RK(AMP)	LENRK(AMP)
FNQ-R(AMP)	HCTR(AMP)	LOS-R(AMP)	ECSR(AMP)
FNW(AMP)	MEN(AMP)	LOS-RK(AMP)	LESRK(AMP)
FRN(AMP)	ENCR(AMP)	LP-CC(AMP)	EDCC(AMP)
FRN-R(AMP)	ECNR(AMP)	LPJ(AMP)	JDL(AMP)
FRS(AMP)	ECSR(AMP)	LPN(AMP)	LENRK(AMP)
FRS-R(AMP)	ECSR(AMP)	LPN-RK(AMP)	LENRK(AMP)
GAB(AMP)	ABC(AMP)	LPS(AMP)	LESRK(AMP)
GDL(AMP)	MDL(AMP)	LPS-RK(AMP)	LESRK(AMP)
GFN(AMP)	MID(AMP)	MDX(AMP)	MDL(AMP)
GGC(AMP)	AGC(AMP)	MSL(AMP)	MDL(AMP)
GGM(AMP)	GMA(AMP)	MTH(AMP)	AGC(AMP)
GGX(AMP)	AGX(AMP)	NLN(AMP)	KON(AMP)
GSB(AMP)	GDB(AMP)	NLS(AMP)	KOS(AMP)
GSC(AMP)	GMC(AMP)	NON(AMP)	KON(AMP)
GSFC	SFC-FUSE-CAB	NOS(AMP)	KOS(AMP)
GLS(15-30)	SL(15-30)	OT(AMP)	KON(AMP)
GT(AMP)	T(AMP)	OTM(AMP)	MOL(AMP)
GTL(15-30)	TL(15-30)	OTS(AMP)	KOS(AMP)
GW(15-30)	TL(15-30)	REN(AMP)	ERN(AMP)
JHC(AMP)	JDL(AMP)	RES(AMP)	ERS(AMP)
JJN(AMP)	TJN(AMP)	RF(AMP)	ERN(AMP)
JJS(AMP)	TJS(AMP)	RFS(AMP)(GOULD)	ERS(AMP)
JKS(AMP)	JFL(AMP)	RL(AMP)	ELNE(AMP)
JLLN(AMP)	TJN(AMP)	RLN(AMP)	ELNE(AMP)
JLLS(AMP)	TJS(AMP)	RLN(AMP)(LF)	ERN(AMP)
JLS(AMP)	JFL(AMP)	RLS(AMP)(LF)	ERS(AMP)
JTD(AMP)	JDL(AMP)	RLS(AMP)(GOULD)	ELS(AMP)
JTL(AMP)	JDL(AMP)	SAO(AMP)	SA(AMP)
KLDR(AMP)	HCTR(AMP)	SC(AMP)	SEC(AMP)
KLK(AMP)	MCL(AMP)	SLC(AMP)	SEC(AMP)
KLKR(AMP)	HCLR(AMP)	SLO(15-30)	SL(15-30)
KLLU(AMP)	LCL(AMP)	SLR	GLR(AMP)
KLMR(AMP)	EDCC(AMP)	SOO(AMP)	S(AMP)
KLNR(AMP)	NCLR(AMP)	TLO(15-30)	TL(15-30)
KLPC(AMP)	LCL(AMP)	TOO(15-30)	T(15-30)
KLRS(AMP)	SCLR(AMP)	TR(AMP)	ECNR(AMP)
KLU(AMP)	LCL(AMP)	TR(AMP)R	ECNR(AMP)
KTK(AMP)	MCL(AMP)	TRM(AMP)	MEN(AMP)
KTK-R(AMP)	HCLR(AMP)	TRS(AMP)	ECSR(AMP)
KTN(AMP)	NCLR(AMP)	TRS(AMP)R	ECSR(AMP)
KTN-R(AMP)	NCLR(AMP)	UHA	UCLA
KTS(AMP)	SCLR(AMP)	UHC	UCLC
KTS-R(AMP)	SCLR(AMP)	WOO(AMP)	TL(AMP)
KTU(AMP)	LCU(AMP)		
LGR(AMP)	GLR(AMP)		

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FuseFinder cross reference guide

Eaton, the industry leader in critical circuit protection, power management and electrical safety offers an extensive selection of Bussmann® series fuses and fuse blocks to meet precise overcurrent protection needs.

Whether it's glass tube, low voltage or high speed fuses or fuse blocks needed for an application, you can use this FuseFinder quick cross reference guide to find the Bussmann series replacement. If you cannot find a cross, more extensive listings are available online at www.cooperbussmann.com/FuseFinder. Or contact our Application Engineers at FuseTech@eaton.com.

Competitor fuse family	Bussmann series	Competitor fuse family	Bussmann series	Competitor fuse family	Bussmann series
0481(AMP)	GMT-(AMP)A	413(AMP)	MDM-(AMP)	ATMR(AMP)	KTK-R(AMP)
211(AMP)	GDC-(AMP)	414(AMP)	ABS-(AMP)	ATQ(AMP)	FNQ-(AMP)
212(AMP)	GDB-(AMP)	417(AMP)	ABS-(AMP)	ATQR(AMP)	FNQ-R-(AMP)
213(AMP)	GDC-(AMP)	418(AMP)	TR/3216FF-(AMP)	BBC(AMP)	ABC-(AMP)
215(AMP)	S505-(AMP)	429(AMP)	3216FF(AMP)	BDB(AMP)	GDB-(AMP)
216(AMP)	GDA-(AMP)	431(AMP)	0603FA(AMP)	BDC(AMP)	GDC-(AMP)
217(AMP)	GDB-(AMP)	5140(AMP)	BAF-(AMP)	BDL(AMP)	MDL-(AMP)
218(AMP)	GDC-(AMP)	5170(AMP)	AGU-(AMP)	BGC(AMP)	AGC-(AMP)
221(AMP)	S505-V-(AMP)	523(AMP)	FNM-(AMP)	BGX(AMP)	AGX-(AMP)
226(AMP)	GDA-V-(AMP)	5HF(AMP)	GDA-(AMP)	BLF(AMP)	BAF-(AMP)
227(AMP)	GDB-V-(AMP)	5HFP(AMP)	GDA-V-(AMP)	BLN(AMP)	BAN-(AMP)
228(AMP)	GDC-V-(AMP)	5HT(AMP)	S505-(AMP)A	BLS(AMP)	BBS-(AMP)
230(AMP)	C515-(AMP)	5MF(AMP)	GMA-(AMP)	BMA(AMP)	GDA-(AMP)
235(AMP)	GMA-(AMP)	5MFP(AMP)	GMA-V-(AMP)	CBO(AMP) [4-160A]	HBO-(AMP)
236(AMP)	GMA-V-(AMP)	5SF(AMP)	GDB-(AMP)	CCK(AMP) [1-300A]	ACK-(AMP)
238(AMP)	GMD-V-(AMP)	5ST(AMP)	GDC-(AMP)	CCL(AMP) [30-100A]	ACL-(AMP)
239(AMP)	GMD-(AMP)	6J(AMP)X	KTK-(AMP)	CCLB(AMP) [20-250A]	KGJ-E-(AMP)
257(AMP)	ATC-(AMP)	6R(AMP)D	LPS-RK-(AMP)SP	CCLW(AMP) [1-300A]	KGJ-(AMP)
297(AMP)[AUTOMOTIVEFUSE]	ATM-(AMP)	702(AMP)	HVJ-(AMP)	CCMR[1-30A Only]	LP-CC(AMP)
299(AMP)	MAX-(AMP)	703(AMP)	HVL-(AMP)	CDNC(AMP)	CDN(AMP)††
2AG220	C517-(AMP)	81200(AMP)ST	CBS-(AMP)	CDSC(AMP)	CDS(AMP)†††
2AG230	C515-(AMP)	A70P(AMP)-1 or Type 1	FWP-(AMP)A14F	CNL(AMP)	ANL-(AMP)
301(AMP)	AGA-(AMP)	A70P(AMP)-4 or Type 4	FWP-(AMP)A or B	CNN(AMP)	ANN-(AMP)
303(AMP)	AGW-(AMP)	A70Q(AMP)-4 or Type 4	FWP-(AMP)A or B	DCT[1-15A]	PV-(AMP)A10F
307(AMP)	SFE-(AMP)	A70QS(AMP)-14F	FWP-(AMP)A14F	E(AMP)FC	(AMP)FC
311(AMP)	AGC-(AMP)	A70QS(AMP)-22F	FWP-(AMP)A22F	E(AMP)FE	(AMP)FE
312(AMP)	AGC-(AMP)	A70QS[35-200]-4	FWP-(AMP)A or B	E(AMP)FET	(AMP)FET
313(AMP)	MDL-(AMP)	A70QS[225-400]-4 or 4K	FWP-(AMP)A or B	E(AMP)FM	(AMP)FM
314(AMP)	ABC-(AMP)	A70QS[450-600]-4K	FWP-(AMP)A or B	E(AMP)FMM	(AMP)FMM
315(AMP)	MDL-V-(AMP)	A70QS[700-800]-4	FWP-(AMP)A or B	E(AMP)LCT [6-20A]	(AMP)LCT
318(AMP)	AGC-V-(AMP)	A50P(AMP)-1	FWH-(AMP)A14F	E(AMP)LET [25-180A]	(AMP)LET
322(AMP)	GBB-(AMP)	A50P(AMP)-4	FWH-(AMP)A or B	E(AMP)LMMT [315-900A]	(AMP)LMMT
323(AMP)	MDA-(AMP)	A50QS(AMP)-4 or Type 4	FWH-(AMP)A or B	E(AMP)LMT [160-450A]	(AMP)LMT
324(AMP)	ABC-V-(AMP)	A30QS(AMP)-1 or Type 1	FWX-(AMP)A14F	E100SF(AMP) [20-30A]	FWJ-(AMP)A14F
325(AMP)	MDA-V-(AMP)	A30QS[35-700]-4 or Type 4	FWX-(AMP)A	E100S(AMP) [40-2000A]	FWJ-(AMP)
326(AMP)	MDA-(AMP)	A30QS[1000-1200]-128	FWX-(AMP)AH	E15S(AMP) [35-3000A]	FWA-(AMP)A
334(AMP)	GLD-(AMP)	A15QS[1-30]-2	FWA-(AMP)A10F	E15SF(AMP) [5, 10, 15, 20, 25, 30A]	FWA-(AMP)A10F
336(AMP)	GBA-(AMP)	A15QS[35-60]-1	FWA-(AMP)A21F	E25S(AMP) [1000-2500A]	FWX-(AMP)AH
361(AMP)	AGX-(AMP)	A15QS[70-400]-4	FWA-(AMP)B	E25S(AMP) [35-800A]	FWX-(AMP)A
362(AMP)	AGX-(AMP)	A2D(AMP)R	LPN-RK(AMP)SP	E25SFX(AMP) [5-30A]	FWX-(AMP)14F
3770(AMP)	SL-(AMP)	A2K(AMP)	KTN-R(AMP)	E50S(AMP)	FWH-(AMP)
3780(AMP)	S-(AMP)	A3T(AMP)	JJN(AMP)	E50SF(AMP) [5-30A]	FWH-(AMP)14F
3785(AMP)	T-(AMP)	A4BQ[225-600]	KRP-CL-(AMP)	E70S(AMP)	FWP-(AMP)
3AB(AMP)	ABC-(AMP)	A4BQ[601-6000]	KRP-C-(AMP)SP	ECK(AMP) [1-300A]	ACK-(AMP)
3ABP(AMP)	AGC-V-(AMP)	A4BT[601-4000]	KLUJ[601-4000]	ECL(AMP) [30-100A]	ACL-(AMP)
3AG(AMP)	AGC-(AMP)	A4BY(AMP)	KLU(AMP)	ECN(AMP)	FRN-R-(AMP)
3AG311(AMP)	AGC-(AMP)	A4J(AMP)	JKS(AMP)	ECNR(AMP)	FRN-R-(AMP)
3AG312(AMP)	AGC-(AMP)	A6D(AMP)R	LPS-RK(AMP)SP	ECS(AMP)	FRS-R-(AMP)
3AG313(AMP)	MDL-(AMP)	A6K(AMP)	KTS-R(AMP)	ECSR(AMP)	FRS-R-(AMP)
3AG315(AMP)	MDL-V-(AMP)	A6T(AMP)	JJS(AMP)	ELR(AMP)	GLR-(AMP)
3AG318(AMP)	AGC-V-(AMP)	AG(AMP)	SC(AMP)	ENLE(AMP)	ANL-(AMP)
3SB(AMP)	MDL-(AMP)	AJT(AMP)	LPJ(AMP)SP	ENNE(AMP)	ANN-(AMP)
3SBP(AMP)	MDL-V-(AMP)	AM10(AMP)	LP-CC-(AMP)	ERN(AMP)	ERN-(AMP)*
401(AMP)	GMT-(AMP)A	AOK(AMP)	ALS-(AMP)	ERS(AMP)	RES-(AMP)**
411(AMP)	ABS-(AMP)	ATDR(AMP)	LP-CC-(AMP)	ESA(AMP)	S-(AMP)
412(AMP)	ABS-(AMP)	ATM(AMP)	KLM(AMP)	FA(AMP)	SA(AMP)

Competitor fuse family	Bussmann series	Competitor fuse family	Bussmann series	Competitor fuse blocks 1, 2, 3	Bussmann series
FII(AMP)	CGL-(AMP)	NLN(AMP)	NON-(AMP)	620(XX)J	JM60200-(X)CR***
FII(AMP)	CGL-(AMP)	NLS(AMP)	NOS-(AMP)	640(XX)J	JM60400-(X)CR***
FIIM(AMP) [125-200A]	(AMP)M14CB	OT(AMP)	NON(AMP)	66(XX)J	JM60600-(X)CR***
FIIM(AMP) [80-100A]	(AMP)L09CB	OTM(AMP)	BAF-(AMP)	203(XX)	HM25030-(X)CR
FLA(AMP)	FNA-(AMP)	OTS(AMP)	NOS(AMP)	206(XX)	HM25060-(X)CR
FLM(AMP)	FNM-(AMP)	RF(AMP)	REN(AMP)*	210(XX)	HM25100-(X)CR***
FLN(AMP)	FRN-R-(AMP)	RFS(AMP)	RES(AMP)**	220(XX)	HM25200-(X)CR***
FLNR(AMP)	FRN-R-(AMP)	RLN(AMP)	REN-(AMP)*	240(XX)	HM25400-(X)CR***
FLQ(AMP)	FNQ-(AMP)	RLS(AMP)	RES(AMP)**	26(XX)	HM25600-(X)CR***
FLS(AMP)	FRS-R-(AMP)	SAO(AMP)	SA-(AMP)	603(XX)	HM60030-(X)CR
FLSR(AMP)	FRS-R-(AMP)	SBS(AMP)	BBS-(AMP)	606(XX)	HM60060-(X)CR
GFN(AMP)	FNA-(AMP)	SCL(AMP)	KTS-R-(AMP)	610(XX)	HM60100-(X)CR***
GGU(AMP)	AGU(AMP)	SCLR(AMP)	KTS-R-(AMP)	620(XX)	HM60200-(X)CR***
GL10(AMP)	KTK-(AMP)	SEC(AMP)	SC-(AMP)	640(XX)	HM60400-(X)CR***
HCLR(AMP)	KTK-R-(AMP)	SLC(AMP)	SC-(AMP)	66(XX)	HM60600-(X)CR***
HCTR(AMP)	FNQ-R-(AMP)	SLO(AMP)	SL-(AMP)	203(XX)R	RM25030-(X)CR
HSJ(AMP)	DFJ(AMP)	SOO(AMP)	S-(AMP)	206(XX)R	RM25060-(X)CR
IDSR[6-60A Only]	FRS-R-(AMP)ID	TLO(AMP)	TL-(AMP)	210(XX)R	RM25100-(X)CR***
J(AMP)	JKS-(AMP)	TOO(AMP)	T-(AMP)	220(XX)R	RM25200-(X)CR***
JDL(AMP)	LPJ-(AMP)SP	TR(AMP)	FRN-R-(AMP)	240(XX)R	RM25400-(X)CR***
JFL(AMP)	JKS-(AMP)	TRM(AMP)	FNM-(AMP)	26(XX)R	RM25600-(X)CR***
JLLN(AMP)	JJN-(AMP)	TRS(AMP)	FRS-R-(AMP)	603(XX)R	RM60030-(X)CR
JLLS(AMP)	JJS-(AMP)	WOO(AMP)	W-(AMP)†	606(XX)R	RM60060-(X)CR
JLS(AMP)	JKS-(AMP)			610(XX)R	RM60100-(X)CR***
JTD(AMP)	LPJ-(AMP)SP			620(XX)R	RM60200-(X)CR***
KLA(AMP) [5, 10, 15, 20, 25, 30A]	FWA-(AMP)A10F	Competitor fuse blocks 1, 2, 3	Bussmann series	640(XX)R	RM60400-(X)CR***
KL(AMP)	FWX-(AMP)A14F	LFJ60030(X) / (X)ID	JM60030-(X)CR	66(XX)R	RM60600-(X)CR***
KLC(AMP)	KAC-(AMP)	LFJ60060(X) / (X)ID	JM60060-(X)CR	US3J(X) / (X)I	CH30J(X) / (X)I
KLDR (AMP)	FNQ-R-(AMP)	LFJ60100(X) / (X)ID	JM60100-(X)CR***	US6J(X) / (X)I	CH60J(X) / (X)I
KLH(AMP) [1-30A]	FWH-(AMP)A14F	LFJ60200(X) / (X)ID	JM60200-(X)CR***	USPV	CHPV
KLH(AMP) [225-600A]	FWH-(AMP)A	LFJ60400(X) / (X)ID	JM60400-(X)CR***	USCC(X) / (X)I	CHCC(X)DU / (X)DIU
KLH(AMP) [35-200A]	FWH-(AMP)B	LFJ60600(X) / (X)ID	JM60600-(X)CR***	USM(X) / (X)I	CHM(X)DU / CHM(X)DIU
KLK(AMP)	KTK-(AMP)	LFJ60600(X) / (X)ID	JM60600-(X)CR***	(R)6J30A(X)S	JM60030-(X)CR
KLKR(AMP)	KTK-R-(AMP)	LFJ60600(X) / (X)ID	JM60600-(X)CR***	(R)6J60A(X)B	JM60060-(X)CR
KLLU(AMP)	KLU-(AMP)	LFR25030(X) / (X)ID	RM25030-(X)CR	R6J100A(X)B	JM60100-(X)CR***
KLNR(AMP)	LP-CC-(AMP)	LFR25060(X) / (X)ID	RM25060-(X)CR	6J200A(X)BFBD	JM60200-(X)CR***
KLNR(AMP)	KTN-R-(AMP)	LFR25100(X) / (X)ID	RM25100-(X)CR***	6J400A(X)BFBD	JM60400-(X)CR***
KLPC(AMP)	KRP-C-(AMP)SP	LFR25200(X) / (X)ID	RM25200-(X)CR***	6J600A(X)BFBD	JM60600-(X)CR***
KLRS(AMP)	KTS-R-(AMP)	LFR25400(X) / (X)ID	RM25400-(X)CR***	R30A(X)(XX)	RM25030-(X)CR
KLW(AMP)	FWA-(AMP)10F	LFR25600(X) / (X)ID	RM25600-(X)CR***	R60A(X)(XX)	RM25060-(X)CR
KON(AMP)	NON-(AMP)	LFR60030(X) / (X)ID	RM60030-(X)CR	R100A(X)B	RM25100-(X)CR***
KOS(AMP)	NOS-(AMP)	LFR60060(X) / (X)ID	RM60060-(X)CR	R200A(X)BE	RM25200-(X)CR***
L(AMP)TD	KRP-C-(AMP)SP	LFR60100(X) / (X)ID	RM60100-(X)CR***	R400A(X)B	RM25400-(X)CR***
L15S(AMP) [1-30A]	FWA-(AMP)A10F	LFR60200(X) / (X)ID	RM60200-(X)CR***	R600A(X)B	RM25600-(X)CR***
L15S(AMP) [35-60A]	FWA-(AMP)A21F	LFR60400(X) / (X)ID	RM60400-(X)CR***	6R30A(X)(XX)	RM60030-(X)CR
L15S(AMP) [70-400A]	FWA-(AMP)A	LFR60600(X) / (X)ID	RM60600-(X)CR***	6R60A(X)(XX)	RM60060-(X)CR
L25S(AMP) [1-30A]	FWX-(AMP)A14F	LFH25030(X) / (X)ID	HM25030-(X)CR	6R100A(X)B	RM60100-(X)CR***
L50S(AMP) [1-30A]	FWH-(AMP)A14F	LFH25060(X) / (X)ID	HM25060-(X)CR	6R200A(X)BE	RM60200-(X)CR***
L70S(AMP) [1-30A]	FWP-(AMP)A14F	LFH25100(X) / (X)ID	HM25100-(X)CR***	6R400A(X)B	RM60400-(X)CR***
LCU(AMP)	KTU-(AMP)	LFH25200(X) / (X)ID	HM25200-(X)CR***	6R600A(X)B	RM60600-(X)CR***
LEN(AMP)	FRN-R-(AMP)	LFH25400(X) / (X)ID	HM25400-(X)CR***	(R)F30A(X)(XX)	HM25030-(X)CR
LENRK(AMP)	LPN-RK-(AMP)SP	LFH25600(X) / (X)ID	HM25600-(X)CR***	(R)F60A(X)(XX)	HM25060-(X)CR
LES(AMP)	FRS-R-(AMP)	LFH60030(X) / (X)ID	HM60030-(X)CR	RF100A(X)B	HM25100-(X)CR***
LESR(AMP)	FRS-R-(AMP)	LFH60060(X) / (X)ID	HM60060-(X)CR	F200A(X)BE	HM25200-(X)CR***
LESRK(AMP)	LPS-RK-(AMP)SP	LFH60100(X) / (X)ID	HM60100-(X)CR***	RF400A(X)B	HM25400-(X)CR***
LGR(AMP)	GLR-(AMP)	LFH60200(X) / (X)ID	HM60200-(X)CR***	F600A(X)B	HM25600-(X)CR***
LHR(AMP)	HLR(AMP)	LFH60400(X) / (X)ID	HM60400-(X)CR***	(R)6F30A(X)(XX)	HM60030-(X)CR
LKU(AMP)	KLU-(AMP)	LFH60600(X) / (X)ID	HM60600-(X)CR***	(R)6F60A(X)(XX)	HM60060-(X)CR
LLNRK(AMP)	LPN-RK-(AMP)SP	LFPSJ30(X) / (X)ID	CH30J(X) / (X)I	R6F100A(X)B	HM60100-(X)CR***
LLSRK(AMP)	LPS-RK-(AMP)SP	LFPSJ60(X) / (X)ID	CH60J(X) / (X)I	6F200A(X)BE	HM60200-(X)CR***
MEN(AMP)	FNM-(AMP)	LPHV	CHPV	R6F400A(X)B	HM60400-(X)CR***
MEQ(AMP)	FNQ-(AMP)	LPHV	CHPV	6F600A(X)B	HM60600-(X)CR***
MJS(AMP)	C515-(AMP)	LPSM00(X) / (X)ID	CHM(X)DU / CHM(X)DIU	6SJ30A(X) / (X)I	CH30J(X) / (X)I
MOL(AMP)	BAF-(AMP)	6030(X)J	JM60030-(X)CR	6SJ60A(X) / (X)I	CH60J(X) / (X)I
NCL(AMP)	KTN-R-(AMP)	6060(X)J	JM60060-(X)CR	6SC30A(X)-C / (X)I-C	CHCC(X)DU / (X)DIU
NCLR(AMP)	KTN-R-(AMP)	610(XX)J	JM60100-(X)CR***	6SM30A(X)-C / (X)I-C	CHM(X)DU / CHM(X)DIU

* >60A use FRN-R (250V).

** >60A use FRS-R (600V).

*** Finger-safe covers are available for this block along with optional open fuse indication.

† >12A use TL.

†† <10A use FRN-R (600V).

††† <10A use FRS-R (600V).

1. Some competitor blocks are adder blocks and/or have multiple terminal offerings for Cu/Al or Cu only conductors.

2. Wire ranges are not always the same. Please assure wire range is suitable for the application.

3. All blocks listed have a box lug for wire termination. Alternate connection types are available in the 30 and 60 amp range. If an alternate type is required, please see the appropriate Eaton's Bussmann division data sheet for part number ordering information.

Data sheets are available online at www.cooperbussmann.com/DatasheetsEle. For technical assistance, contact the Eaton Application Engineering Team. Call 636-527-1270 between 7:00 AM and 5:00 PM Central Time, or e-mail FuseTech@eaton.com.

For customer assistance, call the Customer Satisfaction Team toll-free 855-BUSSMANN (855-287-7626) or e-mail BussCustSat@eaton.com.



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Cross Reference Guide



CROSS REFERENCE GUIDE By manufacturers type reference or series number. Ampere ratings must be added for ordering purposes.								
FUSE TYPE		VOLT	EDISON	BRUSH/ DORMAN	BUSSMANN	MERSEN/ GOULD	GEC/CEFCO	LITTELFUSE
UL CLASS CURRENT LIMITING FUSES (CSA CLASS)								
CC (HRCl-CC)	Time-Delay	600	EDCC	–	LP-CC	ATDR	–	CCMR
	Time-Delay	600	HCTR	–	FNQ-R	ATQR	–	KLDR
	Fast-Acting	600	HCLR	HCLR	KTK-R	ATMR	CTK-R	KLKR
RK1	Time-Delay Dual Element	250	LENRK	–	LPN-RK-SP	A2DR	–	LLNRK
		600	LESRK	–	LPS-RK-SP	A6DR	–	LLSRK
RK5	Time-Delay Dual Element	250	ECNR	–	FRN-R	TR	–	FLNR
		600	ECSR	–	FRS-R	TRS	–	FLSR
J	Time-Delay Dual Element	600	JDL	–	LPJ	AJT	–	JTD
	High-Speed AC Drive	600	JHL	–	DFJ	HSJ	–	–
T	Extremely Fast-Acting	300	TJN	–	JJN	A3T	–	JLLN
		600	TJS	–	JJS	A6T	–	JLLS
UL CLASS GENERAL PURPOSE FUSES								
Midget	Fast-Acting	600	MCL	MCL	KTK	ATM	CTK	KLK
		250	MOL	MOL	BAF/BAN	OTM	–	BLF
	Time-Delay	500	MEQ	MEQ	FNQ	ATQ	–	FLQ
		250	MEN	MEN	FNM	TRM	–	FLM
1/4"x 1-1/4" Ceramic	Fast-Acting	250/125	ABC	ABC	ABC	GAB	–	314
1/4"x 1-1/4" Glass		250/32	AGC	AGC	AGC	GGC	–	312
1/4"x 1-1/4" Ceramic	Time-Delay	250	MDA	MDA	MDA	–	–	326
1/4"x 1-1/4" Glass		250/32	MDL	MDL	MDL	GDL	–	313
5x20 mm Glass	Fast-Acting	250/125	GMA	GMA	GMA	GGM	–	235
	Medium Time-Delay	250/125	GMC	GMC	GMC	GSC	–	–
5x20 mm Glass	Fast-Acting	250	S500	BDB	GDB	GSB	–	217
	Time-Delay	250	S506	BDC	GDC	GDG	–	218
Fuse Puller								
Fuse Puller FP-2		–	old - 38072 new - FP-2	–	FP-2	–	–	–

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CONDENSED CROSS REFERENCE



This cross reference covers the most popular fuses for which there is a similar Littelfuse standard item. Furnished for your convenience, it is meant to serve as a guide for product selection. We suggest you check all applicable specifications before making substitutions. For special applications, more complete information, and for fuse block and medium voltage fuse cross referencing, visit Littelfuse.com or call 1-800-TEC-FUSE (1-800-832-3873).

Competitor	Littelfuse	Competitor	Littelfuse	Competitor	Littelfuse	Competitor	Littelfuse
10KOTN	NLN	CJ	JLS	JKS	JLS	NOS	NLS
10KOTS	NLS	CJS	JLS	KAA	L15S	NRN	NLN
50KOTN	NLN	CLF	KLPC or KLLU	KAB	L25S	NRN (15-60A)	NLKP
50KOTS	NLS	CLL	KLLU or KLPC	KAC	KLC	NRS	NLS
A013F	L15S	CLU	KLLU or KLPC	KBH	L50S	OT	NLN
A015F	L15S	CM	BLF	KLM	KLKD	OTM	BLF or BLN
A015R	L15S	CRN-R	FLNR_ID †	KLU	KLLU or KLPC	OTN	NLN
A025F	L25S	CRS-R	FLSR_ID	KN	KLNR	OTS	NLS
A050F	L50S	CTN-R	KLNR	KON	NLN	PV-(1-30)A10F	SPF
A060F	L60S	CTS-R	KLSR	KOS	NLS	REN	FLNR †
A070F	L70S	DCT	SPF †	KRP-C	KLPC	RES	FLSR †
A13X	L15S	EBS	BLS	KS	KLSR	RF	FLNR †
A25X	L25S †	ECNR	FLNR_ID †	KTG	KLK	RFA	L15S
A2D-R	LLNRK §	ECSR	FLSR_ID	KTKR	KLKR	RFC	KLC
A2K-R	KLNR	ERN	FLNR †	KTNR	KLNR	RFL (750V)	L70S (700 V)
A3T	JLLN	ERS	FLSR †	KTSR	KLSR	RFN (Mersen)	FLNR †
A4BQ	KLPC	FNA	FLA	KTU 601-2000A	LDC	RFS (Mersen)	FLSR †
A4BT	KLLU or KLPC	FNM	FLM	KTU 2500-6000A	KLPC	RFV	L50S
A4BY	KLPC or KLLU	FNQ	FLQ	LCL	KLPC or KLLU	RHN	KLNR
A4J	JLS	FNQ-R	KLDR	LCU	KLPC or KLLU	RHS	KLSR
A50P (type 1 & 4)	L50S	FRN-R	FLNR_ID †	LENRK	LLNRK	S	SOO
A60X	L60S	FRS-R	FLSR_ID	LESRK	LLSRK_ID	SA	SAO
A6D-R	LLSRK_ID §	FWA	L15S †§	LKU	KLLU	SC	SLC
A6K-R	KLSR	FWH	L50S †§	LONRK	LLNRK	SEC	SLC
A6T	JLLS	FWP	L70S * §	LOSrk	LLSRK_ID	SF13X	L15S
A70P	L70S	FWX	L25S * †	LPCC	CCMR	SF25X	L25S
ABC	314	GDA	216	LPJ (SP)	JTD_ID	SF50P	L50S
ACK	CCK	GDB	217	LPNRK (SP)	LLNRK §	SF60X	L60S
AG	SLC	GDC	218	LPSRK (SP)	LLSRK_ID	SF70P	L70S
AGA	AGA	GDL	313	MCL	KLK	SFE	SFE
AGC	312	GEB	LEB	MCR	251	SL	SLO
AGU (1-30A)	BLN	GEBN	LET	MDA	326	T	TOO
AGW	AGW	GFA	251	MDL	313	TJN	JLLN
AJT	JTD_ID	GFN	FLA	MDQ	313	TJS	JLLS
AMG	MEG	GGC	312	MDV	315	TL	TLO
AMI	MID	GGM	235	MDX	313	TR	FLNR_ID †/§
ANL	CNL §	GLR	LGR	MEN	FLM	TRM	FLM
ANN	CNN_E	GMA	235	MEQ	FLQ	TRN-R	FLNR_ID †/§
ASO	SPF	GMD	239	MID	FLA	TRS	FLSR_ID §
ATC	ATO (287)	GMT	481	MOF	BLN	TRS-R	FLSR_ID §
AT-DE	FLNR_ID †	HCLR	KLKR	MOL	BLF	XL25X	L25S
ATDR	CCMR §	HCTR	KLDR	MTH	312	XL50F	L50S *
ATM (Mersen)	KLKD	HEB	LEB	NCLR	KLNR	XL70F	L70S *
ATMR	KLKR §	HET	LET	NON	NLN		
ATQ	FLQ	HLR	LHR				
ATOR	KLDR	HP10M	SPF				
AX	481	HP6J	SPFJ *				
BAF	BLF	JDL	JTD_ID				
BAN	BLN	JFL	JLS				
BBS	BLS	JHC	JTD_ID				
C519	229	JJN	JLLN				
C520	225	JJS	JLLS				

A fuse may be used in circuits where the fuse's voltage rating is equal to or greater than the circuit voltage, unless otherwise stated on the fuse. For example, the FLSR_ID indicating fuse has a voltage rating of 75-600 volts. This fuse can be used on 600 volts, 480 volts, 250 volts, 125 volts, or 75 volts. Never use a fuse in a circuit having a higher rated voltage than the fuse.

* Check specific mounting dimensions before substituting.

† Check characteristics and dimensions for application before substituting.

‡ For 1/10 - 30 amperes, order non-indicating FLNR series fuses.

§ Verify voltage for DC applications.

+ Littelfuse product is a non-renewable fuse.



FUSE CROSS REFERENCE

Competitor	Edison	Competitor	Edison
10KOTN (AMP)	KON (AMP)	BGX (AMP)	AGX (AMP)
10KOTS (AMP)	KOS (AMP)	BLF (AMP)	MDL (AMP)
216 (AMP)	GDA (AMP)	BLN (AMP)	MOL (AMP)
217 (AMP)	GDB (AMP)	BLS (AMP)	EBS (AMP)
218 (AMP)	GDC (AMP)	CBS (AMP)	EBS (AMP)
235 (AMP)	GMA (AMP)	CCK (AMP)	ACK (AMP)
239 (AMP)	GMD (AMP)	CCL (AMP)	ACL (AMP)
25SH (AMP)	SF25H (AMP)	CCMR (AMP)	EDCC (AMP)
307 (AMP)	SFE (AMP)	CJ (AMP)	JFL (AMP)
311 (12-30)	AGC (12-30)	CJS (AMP)	JFL (AMP)
312 (1/10-10)	AGC (.1-10)	CLU (AMP)	LCU (AMP)
313 (AMP)	MDL (AMP)	CMF (AMP)	MOL (AMP)
314 (AMP)	ABC (AMP)	CNL (AMP)	ANL (AMP)
326 (AMP)	MDA (AMP)	CNM (AMP)	MEN (AMP)
342012	HKP	CNN (AMP)	ANN (AMP)
361 (AMP)	AGX (AMP)	CNQ (AMP)	MEQ (AMP)
362 (AMP)	AGC (AMP)	CRN-R (AMP)	ECNR (AMP)
3740 (15-30)	TL (15-30)	CRS-R (AMP)	ECSR (AMP)
3765 (15-30)	TL (15-30)	CSU	SSU
3770 (15-30)	SL (15-30)	CSY	SSY
3780 (.25-30)	S (1/4-30)	CTK (AMP)	MCL (AMP)
3785 (.3-30)	T (3/10-30)	CTK-R (AMP)	HCLR (AMP)
3AB (AMP)	ABC (AMP)	CTN-R (AMP)	NCLR (AMP)
3AB-SB (AMP)	MDA (AMP)	CTS-R (AMP)	SCLR (AMP)
3AG (AMP)	AGC (AMP)	ECK (AMP)	ACK (AMP)
3AG-SB (AMP)	MDL (AMP)	ECL (AMP)	ACL (AMP)
50KOTN (1-60)	KON (1-60)	EGX (AMP)	AGX (AMP)

Competitor	Edison	Competitor	Edison
50KOTS (15-60)	KOS (15-60)	ENL (AMP)	ANL (AMP)
8AG (AMP)	AGX (AMP)	ENN (AMP)	ANN (AMP)
A2D (AMP)	LENRK (AMP)	EON (AMP)	KON (AMP)
A2D (AMP) R	LENRK (AMP)	EOS (AMP)	KOS (AMP)
A2K (AMP) R	NCLR (AMP)	ESA	SA (AMP)
A3T (AMP)	TJN (AMP)	ESOU	SOU
A4BY (AMP)	LCL (AMP)	ESRU	SRU
A4J (AMP)	JFL (AMP)	ESSU	SSU
A6D (AMP)	LESRK (AMP)	FLA (AMP)	MID (AMP)
A6D (AMP) R	LESKR (AMP)	FLM (AMP)	MEN (AMP)
A6K (AMP)	SCLR (AMP)	FLNR (AMP)	ECNR (AMP)
A6K (AMP) R	SCLR (AMP)	FLQ (AMP)	MEQ (AMP)
A6T (AMP)	TJS (AMP)	FLSR (AMP)	ECSR (AMP)
AG5 (AMP)	SEC (AMP)	FNA (AMP)	MID (AMP)
AJT (AMP)	JDL (AMP)	FNM (AMP)	MEN (AMP)
AOK (AMP)	ALS (AMP)	FNQ (AMP)	MEQ (AMP)
ATDR (AMP)	EDCC (AMP)	FNQ-R (AMP)	HCTR (AMP)
ATM (AMP) Gould	MCL (AMP)	FNW (AMP)	MEN (AMP)
ATM (AMP) BUSS	ATM (AMP)	FRN (AMP)	ECNR (AMP)
ATMR (AMP)	HCLR (AMP)	FRN-R (AMP)	ECNR (AMP)
ATO (AMP)	ATC (AMP)	FRS (AMP)	ECSR (AMP)
ATQ (AMP)	MEQ (AMP)	FRS-R (AMP)	ECSR (AMP)
ATQR (AMP)	HCTR (AMP)	FWA (AMP) AH	E13S (AMP)
BAF (AMP)	MOL (AMP)	FWA (AMP) A10F	E15SF (AMP)
BAN (AMP)	MOL (AMP)	FWA (AMP) A	E15S (AMP)
BBC (AMP)	ABC (AMP)	FWA-(5-60)	E15SF (5-60)
BBS (AMP)	EBS (AMP)	FWA (70-800)	E15SF (70-800)
BGC (AMP)	AGC (AMP)	FWH-(AMP) A14F	E50SF (AMP)

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Competitor	Edison	Competitor	Edison
FWH- (5-30)	E50SF (5-30)	KTU (AMP)	LCU (AMP)
FWH- (AMP) A	E50S (AMP)	LGR9A (AMP)	GLR (AMP)
FWJ- (AMP) A14F	E100SF	LHR000	HLR
FWJ- (AMP) A14F	E100SF	LKN (1-60)	ELNE (1-60)
FWJ- (AMP)	E100S (AMP)	LKS (1-60)	ELS (1-60)
FWP- (AMP) A14F	E70SF	LLNRK (AMP)	LENRK (AMP)
FWP- (5-30)	E70SF (5-30)	LLSRK (AMP)	LESRK (AMP)
FWP (AMP)	E70S (AMP)	LMR	GMF (AMP)
FWX- (AMP) A14F	E25SF (AMP)	LON-R (AMP)	ECNR (AMP)
FWX- (AMP) AH	E25S (AMP)	LON-RK (AMP)	LENRK (AMP)
FWX (5-30)	E25SFX (5-30)	LOS-R (AMP)	ECSR (AMP)
FWX (AMP) A	E25S (AMP)	LOS-RK (AMP)	LESRK (AMP)
GAB (AMP)	ABC (AMP)	LP-CC (AMP)	EDCC (AMP)
GDL (AMP)	MDL (AMP)	LPJ (AMP)	JDL (AMP)
GFN (AMP)	MID (AMP)	LPN (AMP)	LENRK (AMP)
GGC (AMP)	AGC (AMP)	LPN-RK (AMP)	LENRK (AMP)
GGM (AMP)	GMA (AMP)	LPS (AMP)	LESRK (AMP)
GGX (AMP)	AGX (AMP)	LPS-RK (AMP)	LESRK (AMP)
GSB (AMP)	GDB (AMP)	MDX (AMP)	MDL (AMP)
GSC (AMP)	GMC (AMP)	MSL (AMP)	MDL (AMP)
GSFC	SFC-FUSE-CAB	MTH (AMP)	AGC (AMP)
GLS (15-30)	SL (15-30)	NLN (AMP)	KON (AMP)
GT (AMP)	T (AMP)	NLS (AMP)	KOS (AMP)
GTL (15-30)	TL (15-30)	NON (AMP)	KON (AMP)
GW (15-30)	TL (15-30)	NOS (AMP)	KOS (AMP)
JCE (1/2-4) E	5.5AMWNA (0.5-4.0) E	OT (AMP)	KON (AMP)
JCK (18-24) R	2.75VKRHK (18-24) R	OTM (AMP)	MOL (AMP)

Competitor	Edison	Competitor	Edison
JCK (2-6) R	2.75VFRHA (2-6) R	OTS (AMP)	KOS (AMP)
JCK (9-12) R	2.75VKRHA (9-12) R	REN (AMP)	ERN (AMP)
JCL (18-24) R	5.5VKNHK (18-24) R	RES (AMP)	ERS (AMP)
JDL (2-6) R	5.5VFHNA (2-6) R	RF (AMP)	ERN (AMP)
JCL (9-12) R	5.5VKNHA (9-12) R	RFS (AMP) (GOULD)	ERS (AMP)
JCL (AMP)	JFL (AMP)	RL (AMP)	ELNE (AMP)
JCT (0.5-1) E	15.5CAVH (0.5-1) E	RLN (AMP)	ELNE (AMP)
JCW (1/2-4) E	5.5CAVH (0.5-4.0) E	RLN (AMP) (LF)	ERN (AMP)
JHC (AMP)	JDL (AMP)	RLS (AMP) (LF)	ERS (AMP)
JJN (AMP)	TJN (AMP)	RLS (AMP) (GOULD)	ELS (AMP)
JJS (AMP)	TJS (AMP)	SAO (AMP)	SA (AMP)
JKS (AMP)	JFL (AMP)	SC (AMP)	SEC (AMP)
JLLN (AMP)	TJN (AMP)	SLC (AMP)	SEC (AMP)
JLLS (AMP)	TJS (AMP)	SLO (15-30)	SL (15-30)
JLS (AMP)	JFL (AMP)	SLR	GLR (AMP)
JTD (AMP)	JDL (AMP)	SOO (AMP)	S (AMP)
JTL (AMP)	JDL (AMP)	TLO (15-30)	TL (15-30)
KLDR (AMP)	HCTR (AMP)	TOO (15-30)	T (15-30)
KLK (AMP)	MCL (AMP)	TR (AMP)	ECNR (AMP)
KLKR (AMP)	HCLR (AMP)	TR (AMP) R	ECNR (AMP)
KLLU (AMP)	LCL (AMP)	TRM (AMP)	MEN (AMP)
KLMR (AMP)	EDCC (AMP)	TRS (AMP)	ECSR (AMP)
KLNR (AMP)	NCLR (AMP)	TRS (AMP) R	ECSR (AMP)
KLPC (AMP)	LCL (AMP)	UHA	UCLA
KLSR (AMP)	SCLR (AMP)	UHC	UCLC
KLU (AMP)	LCL (AMP)	WOO (AMP)	TL (AMP)
KRP-C (AMP) SP	LCL (AMP)		
KTK (AMP)	MCL (AMP)		
KTK-R (AMP)	HCLR (AMP)		
KTN (AMP)	NCLR (AMP)		
KTN-R (AMP)	NCLR (AMP)		
KTS (AMP)	SCLR (AMP)		
KTS-R (AMP)	SCLR (AMP)		

NOTE: This information courtesy of Edison.



Fuse Cross Reference Guide Guide de Correspondance

E-mail: info@fusetek.com web: www.fusetek.com

HRC FUSES / FUSIBLES HRC								
Fuse Type	Speed/Vitesse	VAC	FUSETEK LITTELFUSE GEC		Bussman	Ferraz	Edison	Possible upgrade
Class J	Fast / Rapide	600	JLS	-	JKS	A4J	CJ	JTD-ID
	Delay/Temporisé		JTD/JTD-ID	-	LPJ_SP	AJT	JDL	JTD-ID
Class RK5	Delay / Temporisé	250	FLNR / FLNR-ID	-	FRNR	TRNR	ECNR	LLNRK
		600	FLSR / FLSR-ID	-	FRSR	TRSR	ECSR	LLSRK
Class RK1	Fast / Rapide	250	KLNR	-	KTNR	A2K_R	NCLR	LLNRK
		600	KLSR	-	KTSR	A6K_R	SCLR	LLSRK-ID
Class RK1	Delay / Temporisé	250	LLNRK	-	LPNRK	A2D_R	LENRK	-
		600	LLSRK-ID	-	LPSRK	A6D_R	LESRK	-
Class L	Delay / Temporisé	600	KLLU	-	KTU,KRPC	A4BY,A4BT	LCL	KLPC
Class T	Fast / Rapide	300	JLLN	-	JJN	A3T	TJN	-
		600	JLLS	-	JJS	A6T	TJS	-
Class C	Offset Blade	600	-	CIA	CGL	FES	H07C	-
			-	CIS	CGL	FES	K07C	-
			-	CCP	L09C	FES,GCP	L14C	-
			-	CFP	M14C	FES,GFP	M14C	-
	Centre Blade		-	CMF	P09C	FESF,GMF	P09C	-
			-	CF	CGL,M09C	FESC,GF	M09C	-
			-	CM	CGL,P11C	FESC,GM	P11C	-
			-	CLM	CGL,R11C	FESC,GLM	R11C	-
Class K	Offset	600	-	C_K	C1H07,C1K07	ESK	C1H07	-
Class CA	Bolt-in	600	-	C_N	C1F21	-	C1F21	-
Class CB	Clip-in	600	-	CNS	-	-	C1F06	-
CLASS CC / MIDGET / MISC								
Class CC	Fast / Rapide	600	KLKR	-	KTKR	ATMR	HCLR	CCMR
	Delay / Temporisé		CCMR	-	LP_CC	ATDR	EDCC	-
			KLDR	-	FNQ_R	ATQR	HCTR	CCMR
Midget	Fast / Rapide	600	KLK	-	KTK	ATM	MCL	CCMR
	Fast / Rapide		BLS	-	BBS	SBS	EBS	-
	Fast / Rapide	250	BLN	-	BAN,BAF	OTM	MOL	CCMR
	Delay / Temporisé	500	FLQ	-	FNQ	ATQ	MEQ	CCMR
	Delay / Temporisé	250	FLM	-	FNM	TRM	MEN	CCMR
Class G	Delay / Temporisé	480	SLC	-	SC	AG5	SEC	-
Multimeter	Ultrafast 1000VAC/DC	1000	FLU	-	DMM	FSM	-	-
STANDARD CODE CLASS H								
Class H	Fast / Rapide	250	NLN 1-10A	-	NON	OTN	KON	FLNR
	P Rated	250	NLKP 15-60A	-	PON	OTN	PONC	FLNR-ID
	Fast / Rapide	250	NLN 70-600A	-	NON	OTN	KON	FLNR-ID
		600	NLS	-	NOS	OTS	KOS	FLSR-ID
	Delay / Temporisé	250	(Use Upgrade)	-	CDN	CRN	CDNC	FLNR-ID
		600	(Use Upgrade)	-	CDS	CRS	CDSC	FLSR-ID

Note: Add amp rating to complete part number. For critical applications, check fuse characteristics to insure suitability.

L'ampérage doit être ajouter à ces numéros. Une étude de coordination est recommandée pour les applications critiques.

* It is the user's responsibility to verify the suitability of suggested alternative.

* C'est la responsabilité de l'utilisateur de vérifier si le produit équivalent suggéré est convenable.

Ver. XREF200 Printed in Canada

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Fuse Cross Reference Guide Guide de Correspondance

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HRC FUSES / FUSIBLES HRC						
Fuse Type	Speed/Vitesse	VAC	FUSETEK LITTELFUSE	Bussman	Ferraz	Edison
1/4 x 1-1/4"	Fast / Rapide	250	312 (0-10A)	AGC,MTH	GGC,GLH	BGC
		32	312 (12-35A)	AGC	GGC	BGC
	Delay / Temporisé	250	313 (0-8A)	MDL,MDX	GDL	BDL
		32	313 (10-30A)	MDL	GDL	BDL
	Fast / Rapide Ceramic/Céramique	250	314 (0-20A)	ABC	GAB	BBC
		125	314 (25-30)	ABC	GAB	BBC
	Delay / Temporisé Ceramic/Céramique	250	326 (0-20A)	MDA	GSA	BDA
		125	326 (25-30A)	MDA	GSA	-
	Ultra Fast Ultra Rapide	250	322 (0-10A)	GBB	250FA6X32	-
		700	7012540 (0-2.5A)	FWH,AGF	500FA6.3X32	-
500		7012540 (3.15-20A)	FWH_A6F	500FA6.3X32	-	
1000AC/DC		7017240	-	-	-	
5X20mm	Fast / Rapide	250	217 (0-15A)	GDB	GSB	BDB
	Time Delay / Temporisé	250	218 (0-15A)	GDC	GDG	BDC
2AG 4.5X14.5	Fast / Rapide	250	225	C520	-	-
	Time Delay / Temporisé	250	229/229s	C519	-	-
N.A. RECTIFIER FUSES - FUSIBLE N.A. POUR REDRESSEURS						
Form 101 North American Dimensions	Ultra Fast Ultra Rapide	130/150	L15S	FWA	A13X	E15S
		250	L25S	FWX	A25X	E25S/F
		500	L50S	FWH	A50P	E50S
		600	L60S	KBC	A60X	E60S/F
		600	KLC	KAC	-	E60C
		700	L70S	FWP	A70P	E70S
		1000	LA100P	FWJ	A100P	E100S
BS88 RECTIFIER FUSES - FUSIBLE BS88 POUR REDRESSEURS + METRIC						
BS88 British Dimensions	Ultra Fast Ultra Rapide	240	SIBA	BUSS/Edison	Ferraz	GEC
			5007606	LCT	2.5URE	GSA
			5005306	LET	2.5URGS17	GSA
			5005406	LMT	2.5URGG	GSA/GSD
		5007106	LMMT	2.5URGHT	GSA	
		5007706	CT,FT	606URE	GSGB	
		5007306	ET,FE	6.9BRB17	GSGB/GSG100	
		5007406	FM,MT	6.6URGL17	GSGB	
		5007506	FMM,MMT	6.6URGM36	GSGB	
		2055920	EET,FEE	6.6URT17	GSGB/GSG100	
	250	NAK	25SH	2.5URW	-	
	Ultra Fast Ultra Rapide Metric	700	5017906	FWC_A10F	A070GRB	-
			5012406	FWP_A14F	A70QS_14F	-
5014006			FWP_A22F	A70QS_22F	-	
SOLAR						
Solar Fuses	Fast / Rapide	1000VDC	SPF (1-30A)	PV-_A10F	-	-
		1000VDC	SPFR (250-400A)	PVSR (600VDC)	-	-
		1000VAC/ DC	5019906	-	DCT	-

Note: Add amp rating to complete part number. For critical applications, check fuse characteristics to insure suitability.

L'ampérage doit être ajouter à ces numéros. Une étude de coordination est recommandée pour les applications critiques.

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* C'est la responsabilité de l'utilisateur de vérifier si le produit équivalent suggéré est convenable.

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Cooper Bussmann® Fuse Cross Reference & Low-Peak® Upgrade


The left column represents Cooper Bussmann and competitors' part numbers. The right column represents the Cooper Bussmann upgrades.

The Cooper Bussmann® fuse upgrade offers superior performance while reducing the number of SKUs that need to be in stock. Low-Peak® fuses feature a high degree of current limitation, which will provide the best component protection and may reduce the arc-flash hazard. Listings are alpha-numerical by fuse class and fuse catalog symbol.

This list is only a consolidated cross reference to some of our most common products. For a much more extensive database please consult the **Product Profiler** competitor cross-reference. Just visit www.cooperbussmann.com and click on the magnifying glass icon in the upper right corner.

Class CC and Midget	
Existing Fuse	Low-Peak® Upgrade
A6Y (type 2B)	 LP-CC
ABU	
AGU	
ATDR	
ATM	
ATMR	
ATQ	
BAF	
BAN	
BLF	
BLN	
CCMR	
CM	
CMF	
CNM	
CNQ	
CTK	
CTK-R	
FLM	
FLQ	
FNM	
FNQ	
GGU	
HCLR	
KLK	
KLK-R	
KTK	
KTK-R	
MCL	
MEN	
MEQ	
MOF	
MOL	
OTM	
TRM	
6JX	
*FNQ-R suggested on primary of control transformers.	
ATQR	FNQ-R
FNQ-R	
KLDR	

Class J	
Existing Fuse	Low-Peak® Upgrade
A4J	 LPJ_SP
AJT	
CJ	
CJS	
GF8B	
HRCXXJ	
J	
JA	
JCL	
JDL	
JFL	
JHC	
JKS	
JLS	
JTD	

Class L	
Existing Fuse	Low-Peak® Upgrade
A4BQ	 KRP-C_SP
A4BT	
A4BY	
A4BY (type 55)	
CLASS L	
CLF	
CLL	
CLU	
HRC-L	
KLLU	
KLPC	
KLU	
KTU	
L	
LCL	
LCU	

250 Volt Class R	
Existing Fuse	Low-Peak® Upgrade
A2D	 LPN-RK_SP
A2D-R	
A2K	
A2K-R	
A2Y (type 1)	
AT-DE	
CHG	
CRN-R (type 3)	
CTN-R	
DEN	
DLN	
DLN-R	
ECN	
ECN-R	
ERN	
FLN	
FLN-R	
FRN	
FRN-R	
FTN-R	
GDN	
HAC-R	
HB	
KLN-R	
KON	
KTN-R	
LENRK	
LKN	
LLN-RK	
LON-RK	
NCLR	
NLN	
NON	
NRN	
OTN	
REN	
RFN	
RHN	
RLN	
TR	
655	
660	
10KOTN	
50KOTN	

600 Volt Class R	
Existing Fuse	Low-Peak® Upgrade
A6D	 LPS-RK_SP
A6K-R	
A6X (type 1)	
ATS-DE	
CHR	
CTS-R	
DES	
DES-R	
DLS	
DLS-R	
ECS-R	
ERS	
FLS	
FLS-R	
FRS	
FRS-R	
FTS-R	
GDS	
HA	
KLS-R	
KOS	
KTS-R	
LES	
LES-R	
LES-RK	
LKS	
LLS-RK	
LOS-RK	
NLS	
NOS	
NRS	
OTS	
RES	
RFs	
RHS	
RLS	
SCLR	
TRS	
TRS-R	
656	
10KOTS	
50KOTS	

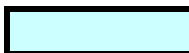
The comparative catalog numbers shown were derived from the latest available published information from various manufacturers. Because competitors' products may differ from Cooper Bussmann products, it is recommended that each application be checked for required electrical and mechanical characteristics before substitutions are made. Cooper Bussmann is not responsible for misapplications of our products. Overcurrent protection is application dependent. Consult the latest catalogs and application literature, or contact our Application Engineering Department at (636) 527-1270.

Chip Fuse Cross Reference

	1206			603			402
	fast action	high inrush	slow blow	fast action	high inrush	slow blow	fast action
AEM	1206FA 0.5-8A	1206HI 1-5A	1206SB 1-8A	0603FA 0.5-6A	0603HI 1-5A	0603SB 1-5A	0402FA 0.5-4A
Littelfuse			468/430 0.5-3A				
Bussmann	3216FF1206FA 0.25-7A		3216TD 1-5A	1608FF/0603FA 0.25-5A			
BEL Fuse			CIS 0.75-5A				
Schurter	USF1206 0.375-4A		US11206 0.5-6.3A	USF0603 0.5-5A			
Vishay							
Kamaya	FCC/FHC32-AD 0.2-5A		FCC/FHC32-AA 0.2-5A	FCC/FHC16-AD 0.15-4A		FCC/FHC16-AA 0.15-4A	FCC/FHC10-AD 0.2-3.15A
KOA				TF16SN 0.25-3.15A	TF16AT 0.25-3.15A		TF10AN 0.25-2.5A
Daito					KMD 0.2-3.15A		
Panasonic				ERBSE 0.5-5A			ERBSD 0.5-3A
Mastuo							
TA-I	CF12V 0.5-7A			CF06V 0.5-5A			CF04V 0.5-4A

XXX-- AEM's P/N

XXX-- Competitor's P/N



No similar P/N

(a) Fusebox Under Steering Column

FuseBox under Steering Wheel

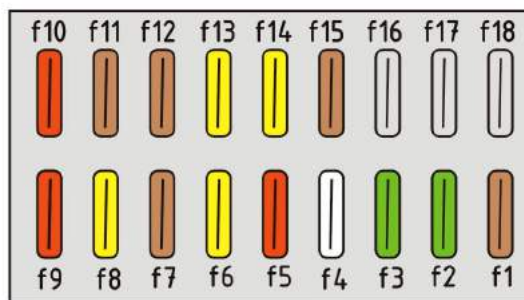
Current	Colour		
1	black	f1	f10
2	grey	f2	f11
3	violet	f3	f12
4	pink	f4	f13
5	orange/tan	f5	f14
7.5	brown	f6	f15
10	red	f7	f16
15	blue	f8	f17
20	yellow	f9	f18
25	natural/clear		
30	green		
35	turquoise		
40	amber		

f1a	10A	Side Light - Right	Right Rear Light	
f2a	10A	Right Main Beam headlamp		
f3a	10A	Left Main Beam headlamp	Main Beam Indicator	
f4a	15A	Reversing Light	Horn	
f5a	15A	Brake Lights		
f6a	20A	Wipers front & rear	Turn Indicators	
f7a	10A	Terminal 15		
f8a	20A	Interior Lights	Cigarette Lighter	Radio terminal 30
f9a	10A	Hazard Warning Lighs		
f10a	7.5A	Instrument Illumination	Licence Plate Light	Daytime Running Lights
f11a	10A	Side Light - Left	Left Rear Light	
f12a	15A	Right Dipped Beam headlight	Rear Foglights	
f13a	15A	Left Dipped Beam headlight		
f14a	15A	Front Foglight		
f15a	15A	Radio terminal 15R	Airbag Monitoring system	
f16a				
f17a				
F18a				

(b) Fuses in Passenger Footwell

FuseBox in footwell

Current	Colour
1	black
2	grey
3	violet
4	pink
5	orange/tan
7.5	brown
10	red
15	blue
20	yellow
25	natural/clear
30	green
35	turquoise
40	amber

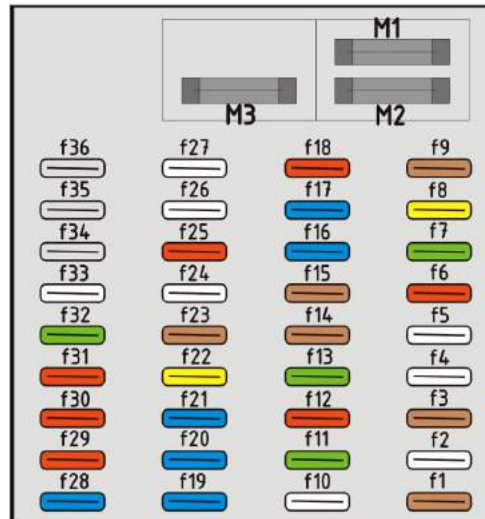


f1b	7.5A	Hinged Windows	
f2b	30A	LH front window	front Sunroof
f3b	30A	RH front window	rear Sunroof
f4b	25A	Central Lock Control	Convenience Locking
f5b	10A	Interior Lighting	Vanity Mirror
f6b	20A	Interior Sockets	
f7b	7.5A	Cell Phone	
f8b	20A	EDW alarm control	EDW panic switch
f9b	10A	Aux Heating Relay	
f10b	10A	Anti theft Warning signal	
f11b	7.5A	Turn signal L - Alarm	
f12b	7.5A	Turn signal R - Alarm	
f13b	20A	EDW2	
f14b	20A	EDW2	
f15b	7.5A	EDW sensor	EDW2 battery operated horn
f16b			
f17b			
F18b			

(c Fuses Under Front Left Seat

FuseBox under Front Left Seat

Current	Colour
1	black
2	grey
3	violet
4	pink
5	orange/tan
7.5	brown
10	red
15	blue
20	yellow
25	natural/clear
30	green
35	turquoise
40	amber



f1c	7.5A	Brake Control ABS, ASR, EBV	Air Suspension Control	
f2c	25A	Wiper Multiple Relay - rear		
f3c	7.5A	Immobiliser Control		
f4c	25A	Charge Air Cooler - diesel	Radiator Fan - Petrol	
f5c	25A	ABS Valve Control		
f6c	10A	Immobiliser	Automatic Transmission Control	
f7c	30A	Heating Operating Device		
f8c	20A	Headlamp Cleaning Relay		
f9c	7.5A	Auxiliary Heating Control		
f10c	25A	Trailer Socket	Cool Box	
f11c	30A	Wiper Rear Multiple Relay	Anti Theft Alarm/Central locking check-back signal	
f12c	10A	Heater Control Unit		
f13c	30A	Air Suspension Compressor Relay		
f14c	7.5A	Air Suspension Controller	tachograph	Auxilliary Flashing module
f15c	7.5A	2 way Radio		
f16c	15A	Heating Operating Device	Taxi Meter	
f17c	15A	Automatic Transmission		
f18c	10A	Telephone	Anti Theft Alarm Control	Mirror Adjuster & Heater
f19c	15A	Crankcase Ventilation (diesel)	Terminal 15 (petrol engine)	
f20c	15A	Terminal 15 (petrol engine)		
f21c	15A	Ignition Coil (petrol engine)		
f22c	20A	Fuel Pump (petrol engine)		
f23c	7.5A	ECU - Engine Control Unit (diesel)		
f24c	25A	ECU - Engine Control Unit (diesel)		
f25c	10A	Auxiliary Heating Relay		
f26c	25A	Heater Booster Control Unit (diesel)	Auxiliary Heating with Heater Booster	
f27c	25A	Auxiliary Heating Controller		
f28c	15A	D+ terminal Relay	Daytime driving lights K89 Relay	
f29c	10A	Daytime driving lights K69 Relay		
f30c	10A	Daytime driving lights K68 Relay		
f31c	10A	Terminal 58 Relay		
f32c	30A	Seat Heater – left seat	Seat Adjuster – left seat	
f33c	25A	Seat Heater – right seat	Seat Adjuster – right seat	
f34c				
f35c				
f36c				
M1c	40A	250W engine cooling unit		
M1c	60A	540W engine cooling unit		
M2c	50A	Pump Motor ABS, ASR, EBV		
M3c	40A	Air Pump Secondary (petrol)		

Fuse Cross Reference

nb. (a) = steering column (b) = footwell (c) = under seat

f15c	7.5A	2 way Radio
M1c	40A	250W engine cooling unit
M1c	60A	540W engine cooling unit
f5c	25A	ABS Valve Control
f1c	7.5A	ABS, ASR, EBV Brake Control
M2c	50A	ABS, ASR, EBV Pump Motor
M3c	40A	Air Pump Secondary (petrol)
f13c	30A	Air Suspension Compressor Relay
f1c	7.5A	Air Suspension Control
f14c	7.5A	Air Suspension Controller
f15a	15A	Airbag Monitoring system
f18c	10A	Anti Theft Alarm Control
f11c	30A	Anti Theft Alarm/Central locking check-back signal
f10b	10A	Anti theft Warning signal
f1c	7.5A	ASR, ABS, EBV Brake Control
M2c	50A	ASR, ABS, EBV Pump Motor
f17c	15A	Automatic Transmission
f6c	10A	Automatic Transmission Control
f9b	10A	Aux Heating Relay
f9c	7.5A	Auxiliary Heating Control
f9c	7.5A	Auxiliary Heating Control
f27c	25A	Auxiliary Heating Controller
f25c	10A	Auxiliary Heating Relay
f25c	10A	Auxiliary Heating Relay
f26c	25A	Auxiliary Heating with Heater Booster
f14c	7.5A	Auxilliary Flashing module
f1c	7.5A	Brake Control ABS, ASR, EBV
f5a	15A	Brake Lights
f7b	7.5A	Cell Phone
f4b	25A	Central Lock Control
f11c	30A	Central locking check-back signal/ Anti Theft Alarm
f4c	25A	Charge Air Cooler - diesel
f8a	20A	Cigarette Lighter
f4b	25A	Convenience Locking
f10c	25A	Cool Box
M1c	40A	cooling unit engine 250W
M1c	60A	cooling unit engine 540W
f19c	15A	Crankcase Ventilation (diesel)
f28c	15A	D+ terminal Relay
f30c	10A	Daytime driving lights K68 Relay
f29c	10A	Daytime driving lights K69 Relay
f28c	15A	Daytime driving lights K89 Relay
f10a	7.5A	Daytime Running Lights
f13a	15A	Dipped Beam headlight Left
f12a	15A	Dipped Beam Right headlight
f1c	7.5A	EBV ABS, ASR, Brake Control
M2c	50A	EBV ABS, ASR, Pump Motor
f23c	7.5A	ECU - Engine Control Unit (diesel)
f24c	25A	ECU - Engine Control Unit (diesel)
f8b	20A	EDW alarm control
f8b	20A	EDW panic switch
f15b	7.5A	EDW sensor
f13b	20A	EDW2
f14b	20A	EDW2
f15b	7.5A	EDW2 battery operated horn
M1c	40A	engine cooling unit 250W
M1c	60A	engine cooling unit 540W

f14a	15A	Front Foglight
f2b	30A	front Sunroof
f22c	20A	Fuel Pump (petrol engine)
f9a	10A	Hazard Warning Lighs
f8c	20A	Headlamp Cleaning Relay
f3a	10A	headlamp Left Main Beam
f2a	10A	headlamp Right Main Beam
f13a	15A	headlight Left Dipped Beam
f12a	15A	headlight Right Dipped Beam
f26c	25A	Heater Booster Control Unit (diesel)
f12c	10A	Heater Control Unit
f27c	25A	Heating Controller Auxiliary
f7c	30A	Heating Operating Device
f16c	15A	Heating Operating Device
f25c	10A	Heating Relay Auxiliary
f1b	7.5A	Hinged Windows
f4a	15A	Horn
f21c	15A	Ignition Coil (petrol engine)
f6c	10A	Immobiliser
f3c	7.5A	Immobiliser Control
f10a	7.5A	Instrument Illumination
f5b	10A	Interior Lighting
f8a	20A	Interior Lights
f6b	20A	Interior Sockets
f13a	15A	Left Dipped Beam headlight
f13a	15A	Left Dipped Beam headlight
f3a	10A	Left Main Beam headlamp
f11a	10A	Left Rear Light
f2b	30A	LH front window
f10a	7.5A	Licence Plate Light
f3a	10A	Main Beam Indicator
f3a	10A	Main Beam Left headlamp
f2a	10A	Main Beam Right headlamp
f18c	10A	Mirror Adjuster & Heater
M2c	50A	Pump Motor ABS, ASR, EBV
f4c	25A	Radiator Fan - Petrol
f15a	15A	Radio terminal 15R
f8a	20A	Radio terminal 30
f12a	15A	Rear Foglights
f3b	30A	rear Sunroof
f4a	15A	Reversing Light
f3b	30A	RH front window
f12a	15A	Right Dipped Beam headlight
f2a	10A	Right Main Beam headlamp
f1a	10A	Right Rear Light
f32c	30A	Seat Adjuster – left seat
f33c	25A	Seat Adjuster – right seat
f32c	30A	Seat Heater – left seat
f33c	25A	Seat Heater – right seat
f11a	10A	Side Light - Left
f1a	10A	Side Light - Right
f14c	7.5A	tachograph
f16c	15A	Taxi Meter
f18c	10A	Telephone
f7a	10A	Terminal 15
f20c	15A	Terminal 15 (petrol engine)
f19c	15A	Terminal 15 (petrol engine)
f31c	10A	Terminal 58 Relay
f10c	25A	Trailer Socket
f6a	20A	Turn Indicators
f11b	7.5A	Turn signal L - Alarm
f12b	7.5A	Turn signal R - Alarm
f5b	10A	Vanity Mirror

f2b	30A	window LH front
f3b	30A	window RH front
f2c	25A	Wiper Multiple Relay - rear
f11c	30A	Wiper Rear Multiple Relay
f6a	20A	Wipers front & rear

POWR-SPEED® FUSE CROSS REFERENCE GUIDE



This guide covers the most popular high-speed fuse types that Littelfuse has in stock and ready to ship! The cross reference is meant to serve as a guide for quick identification and product selection. We suggest you check all applicable specifications before making substitutions.

COMPETITOR	LITTELFUSE	COMPETITOR	LITTELFUSE	COMPETITOR	LITTELFUSE
170M	PSR	A60X	L60S	PSC	PSR
A_UD	PSR	A70P	L70S	RFA	L15S
A013F	L15S	A70QS	L70QS	RFC	KLC
A015F	L15S	CHSF	L50QS	RFL (750V)	L70S (700 V)
A015R	L15S	FWA	L15S † §	RFV	L50S
A025F	L25S	FWH	L50S † §	SF13X	L15S
A050F	L50S	FWP	L70S * §	SF25X	L25S
A060F	L60S	FWX	L25S * †	SF50P	L50S
A070F	L70S	KAA	L15S	SF60X	L60S
A13X	L15S	KAB	L25S	SF70P	L70S
A25X	L25S †	KAC	KLC	XL25X	L25S
A50P (type 1 & 4)	L50S	KBH	L50S	XL50F	L50S *
A50QS	L50QS	PC_UD	PSR	XL70F	L70S *

* Check specific mounting dimensions before substituting.
 † Check characteristics and dimensions for application before substituting.
 § Verify voltage for DC applications.

For more information or a complete listing of high-speed fuses offered visit Littelfuse.com/POWR-SPEED or call 1-800-TEC-FUSE.

Eaton, the leader in circuit protection, power management and electrical safety, offers an extensive selection of Bussmann™ series fuses and fuse blocks to meet your overcurrent protection needs.

If you need to find a replacement to another manufacturer's glass tube, low voltage branch or supplementary or high speed fuse, or

fuse block or holder, use this quick cross reference FuseFinder to identify the Bussmann series replacement.

If you cannot find a product cross, more extensive listings are available online at Eaton.com/bussmannseries/FuseFinder or contact our Application Engineering team at FuseTech@Eaton.com.

Fuse cross reference

Competitor	Bussmann series	Competitor	Bussmann series	Competitor	Bussmann series
0481(amp)	GMT-(amp)A	413(amp)	MDM-(amp)	ATMR(amp)	KTK-R(amp)
211(amp)	GDC-(amp)	414(amp)	ABS-(amp)	ATQ(amp)	FNQ-(amp)
212(amp)	GDB-(amp)	417(amp)	ABS-(amp)	ATQR(amp)	FNQ-R(amp)
213(amp)	GDC-(amp)	418(amp)	TR/3216FF-(amp)	BBC(amp)	ABC-(amp)
215(amp)	S505-(amp)	429(amp)	3216FF(amp)	BDB(amp)	GDB-(amp)
216(amp)	GDA-(amp)	431(amp)	0603FA(amp)	BDC(amp)	GDC-(amp)
217(amp)	GDB-(amp)	5140(amp)	BAF-(amp)	BDL(amp)	MDL-(amp)
218(amp)	GDC-(amp)	5170(amp)	AGU-(amp)	BGC(amp)	AGC-(amp)
221(amp)	S505-V-(amp)	523(amp)	FNM-(amp)	BGX(amp)	AGX-(amp)
226(amp)	GDA-V-(amp)	5HF(amp)	GDA-(amp)	BLF(amp)	BAF-(amp)
227(amp)	GDB-V-(amp)	5HFP(amp)	GDA-V-(amp)	BLN(amp)	BAN-(amp)
228(amp)	GDC-V-(amp)	5HT(amp)	S505-(amp)A	BLS(amp)	BBS-(amp)
230(amp)	C515-(amp)	5MF(amp)	GMA-(amp)	BMA(amp)	GDA-(amp)
235(amp)	GMA-(amp)	5MFP(amp)	GMA-V-(amp)	CBO(amp) [4-160A]	HBO-(amp)
236(amp)	GMA-V-(amp)	5SF(amp)	GDB-(amp)	CCK(amp) [1-300A]	ACK-(amp)
238(amp)	GMD-V-(amp)	5ST(amp)	GDC-(amp)	CCL(amp) [30-100A]	ACL-(amp)
239(amp)	GMD-(amp)	6J(amp)X	KTK-(amp)	CCLB(amp) [20-250A]	KGJ-E-(amp)
257(amp)	ATC-(amp)	6R(amp)D	LPS-RK-(amp)SP	CCLW(amp) [1-300A]	KGJ-(amp)
297(amp) [auto fuse]	ATM-(amp)	702(amp)	HVJ-(amp)	CCMR [1-30A Only]	LP-CC(amp)
299(amp)	MAX-(amp)	703(amp)	HVL-(amp)	CDNC(amp)	CDN(amp)††
2AG220	C517-(amp)	81200(amp)ST	CBS-(amp)	CDSC(amp)	CDS(amp)†††
2AG230	C515-(amp)	A70P(amp)-1 or Type 1	FWP-(amp)A14F	CNL(amp)	ANL-(amp)
301(amp)	AGA-(amp)	A70P(amp)-4 or Type 4	FWP-(amp)A or B	CNN(amp)	ANN-(amp)
303(amp)	AGW-(amp)	A70Q(amp)-4 or Type 4	FWP-(amp)A or B	DCT [1-15A]	PV-(amp)A10F
307(amp)	SFE-(amp)	A70QS(amp)-14F	FWP-(amp)A14F	E(amp)FC	(amp)FC
311(amp)	AGC-(amp)	A70QS(amp)-22F	FWP-(amp)A22F	E(amp)FE	(amp)FE
312(amp)	AGC-(amp)	A70QS [35-200]-4	FWP-(amp)A or B	E(amp)FET	(amp)FET
313(amp)	MDL-(amp)	A70QS [225-400]-4 or 4K	FWP-(amp)A or B	E(amp)FM	(amp)FM
314(amp)	ABC-(amp)	A70QS [450-600]-4K	FWP-(amp)A or B	E(amp)FMM	(amp)FMM
315(amp)	MDL-V-(amp)	A70QS [700-800]-4	FWP-(amp)A or B	E(amp)LCT [6-20A]	(amp)LCT
318(amp)	AGC-V-(amp)	A50P(amp)-1	FWH-(amp)A14F	E(amp)LET [25-180A]	(amp)LET
322(amp)	GBB-(amp)	A50P(amp)-4	FWH-(amp)A or B	E(amp)LMMT [315-900A]	(amp)LMMT
323(amp)	MDA-(amp)	A50QS(amp)-4 or Type 4	FWH-(amp)A or B	E(amp)LMT [160-450A]	(amp)LMT
324(amp)	ABC-V-(amp)	A30QS(amp)-1 or Type 1	FWX-(amp)A14F	E100SF(amp) [20-30A]	FWJ-(amp)A14F
325(amp)	MDA-V-(amp)	A30QS [35-700]-4 or Type 4	FWX-(amp)A	E100S(amp) [40-2000A]	FWJ-(amp)
326(amp)	MDA-(amp)	A30QS [1000-1200]-128	FWX-(amp)AH	E15S(amp) [35-3000A]	FWA-(amp)A
334(amp)	GLD-(amp)	A15QS [1-30]-2	FWA-(amp)A10F	E15SF(amp) [5, 10, 15, 20, 25, 30A]	FWA-(amp)A10F
336(amp)	GBA-(amp)	A15QS [35-60]-1	FWA-(amp)A21F	E25S(amp) [1000-2500A]	FWX-(amp)AH
361(amp)	AGX-(amp)	A15QS [70-400]-4	FWA-(amp)B	E25S(amp) [35-800A]	FWX-(amp)A
362(amp)	AGX-(amp)	A2D(amp)R	LPN-RK(amp)SP	E25SFX(amp) [5-30A]	FWX-(amp)14F
3770(amp)	SL-(amp)	A2K(amp)	KTN-R(amp)	E50S(amp)	FWH-(amp)
3780(amp)	S-(amp)	A3T(amp)	JJN(amp)	E50SF(amp) [5-30A]	FWH-(amp)14F
3785(amp)	T-(amp)	A4BQ [225-600]	KRP-CL-(amp)	E70S(amp)	FWP-(amp)
3AB(amp)	ABC-(amp)	A4BQ [601-6000]	KRP-C-(amp)SP	ECK(amp) [1-300A]	ACK-(amp)
3ABP(amp)	AGC-V-(amp)	A4BT [601-4000]	KLU [601-4000]	ECL(amp) [30-100A]	ACL-(amp)
3AG(amp)	AGC-(amp)	A4BY(amp)	KLU(amp)	ECN(amp)	FRN-R-(amp)
3AG311(amp)	AGC-(amp)	A4J(amp)	JKS(amp)	ECNR(amp)	FRN-R-(amp)
3AG312(amp)	AGC-(amp)	A6D(amp)R	LPS-RK(amp)SP	ECS(amp)	FRS-R-(amp)
3AG313(amp)	MDL-(amp)	A6K(amp)	KTS-R(amp)	ECSR(amp)	FRS-R-(amp)
3AG315(amp)	MDL-V-(amp)	A6T(amp)	JJS(amp)	ELR(amp)	GLR-(amp)
3AG318(amp)	AGC-V-(amp)	AG(amp)	SC(amp)	ENLE(amp)	ANL-(amp)
3SB(amp)	MDL-(amp)	AJT(amp)	LPJ(amp)SP	ENNE(amp)	ANN-(amp)
3SBP(amp)	MDL-V-(amp)	AM10(amp)	LP-CC-(amp)	ERN(amp)	REN-(amp)*
401(amp)	GMT-(amp)A	AOK(amp)	ALS-(amp)	ERS(amp)	RES-(amp)**
411(amp)	ABS-(amp)	ATDR(amp)	LP-CC-(amp)	ESA(amp)	S-(amp)
412(amp)	ABS-(amp)	ATM(amp)	KLM(amp)	FA(amp)	SA(amp)

* >60 A use FRN-R (250 V) ** >60 A use FRS-R (600 V) † >12 A use TL †† <10 A use FRN-R (600 V) ††† <10 A use FRS-R (600 V)

Fuse cross reference

Competitor fuse family	Bussmann series	Competitor fuse family	Bussmann series	Competitor fuse family	Bussmann series
FI(amp)	CGL-(amp)	KLH(amp) [225-600A]	FWH-(amp)A	MEN(amp)	FNM-(amp)
FIIC(amp)	CGL-(amp)	KLH(amp) [35-200A]	FWH-(amp)B	MEQ(amp)	FNQ-(amp)
FIIM(amp) [125-200A]	(amp)M14CB	KLK(amp)	KTK-(amp)	MJS(amp)	C515-(amp)
FIIM(amp) [80-100A]	(amp)L09CB	KLKR(amp)	KTK-R-(amp)	MOL(amp)	BAF-(amp)
FLA(amp)	FNA-(amp)	KLLU(amp)	KLU-(amp)	NCL(amp)	KTN-R-(amp)
FLM(amp)	FNM-(amp)	KLNR(amp)	LP-CC-(amp)	NCLR(amp)	KTN-R-(amp)
FLN(amp)	FRN-R-(amp)	KLNR(amp)	KTN-R-(amp)	NLN(amp)	NON-(amp)
FLNR(amp)	FRN-R-(amp)	KLPC(amp)	KRP-C-(amp)SP	NLS(amp)	NOS-(amp)
FLQ(amp)	FNQ-(amp)	KLSR(amp)	KTS-R-(amp)	OT(amp)	NON(amp)
FLS(amp)	FRS-R-(amp)	KLW(amp)	FWA-(amp)10F	OTM(amp)	BAF-(amp)
FLSR(amp)	FRS-R-(amp)	KON(amp)	NON-(amp)	OTS(amp)	NOS(amp)
GFN(amp)	FNA-(amp)	KOS(amp)	NOS-(amp)	RF(amp)	REN(amp)*
GGU(amp)	AGU(amp)	L(amp)TD	KRP-C-(amp)SP	RFS(amp)	RES(amp)**
GL10(amp)	KTK-(amp)	L15S(amp) [1-30A]	FWA-(amp)A10F	RLN(amp)	REN(amp)*
HCLR(amp)	KTK-R-(amp)	L15S(amp) [35-60A]	FWA-(amp)A21F	RLS(amp)	RES(amp)**
HCTR(amp)	FNQ-R-(amp)	L15S(amp) [70-400A]	FWA-(amp)A	SAO(amp)	SA-(amp)
HSJ(amp)	DFJ(amp)	L25S(amp) [1-30A]	FWX-(amp)A14F	SBS(amp)	BBS-(amp)
IDSR[6-60A Only]	FRS-R-(amp)ID	L50S(amp) [1-30A]	FWH-(amp)A14F	SCL(amp)	KTS-R-(amp)
J(amp)	JKS-(amp)	L70S(amp) [1-30A]	FVP-(amp)A14F	SCLR(amp)	KTS-R-(amp)
JDL(amp)	LPJ-(amp)SP	LCU(amp)	KTU-(amp)	SEC(amp)	SC-(amp)
JFL(amp)	JKS-(amp)	LEN(amp)	FRN-R-(amp)	SLC(amp)	SC-(amp)
JLLN(amp)	JUN-(amp)	LENR(amp)	LPN-RK-(amp)SP	SLO(amp)	SL-(amp)
JLLS(amp)	JJS-(amp)	LES(amp)	FRS-R-(amp)	SOO(amp)	S-(amp)
JLS(amp)	JKS-(amp)	LESR(amp)	FRS-R-(amp)	TLO(amp)	TL-(amp)
JTD(amp)	LPJ-(amp)SP	LESRK(amp)	LPS-RK-(amp)SP	TOO(amp)	T-(amp)
KL A(amp) [5, 10, 15, 20, 25, 30A]	FWA-(amp)A10F	LGR(amp)	GLR-(amp)	TR(amp)	FRN-R-(amp)
KLB(amp) [1-30A]	FWX-(amp)A14F	LHR(amp)	HLR(amp)	TRM(amp)	FNM-(amp)
KLC(amp)	KAC-(amp)	LKU(amp)	KLU-(amp)	TRS(amp)	FRS-R(amp)
KLDR(amp)	FNQ-R-(amp)	LLNRK(amp)	LPN-RK-(amp)SP	WOO(amp)	W-(amp)
KLH(amp) [1-30A]	FWH-(amp)A14F	LLSRK(amp)	LPS-RK-(amp)SP		

* >60 A use FRN-R (250 V) ** >60 A use FRS-R (600 V) † >12 A use TL †† <10 A use FRN-R (600 V) ††† <10 A use FRS-R (600 V)

Fuse block and holder cross reference

Competitor	Bussmann series	Competitor	Bussmann series	Competitor	Bussmann series
LFJ60030(X)(X)ID	JM60030-(X)CR	6030(X)J	JM60030-(X)CR	(R)J60030(X)S	JM60030-(X)CR
LFJ60060(X)(X)ID	JM60060-(X)CR	6060(X)J	JM60060-(X)CR	(R)J60060(X)B	JM60060-(X)CR
LFJ60100(X)(X)ID	JM60100-(X)CR***	610(X)XJ	JM60100-(X)CR***	R6J100A(X)B	JM60100-(X)CR***
LFJ60200(X)(X)ID	JM60200-(X)CR***	620(X)XJ	JM60200-(X)CR***	6J200A(X)BFBD	JM60200-(X)CR***
LFJ60400(X)(X)ID	JM60400-(X)CR***	640(X)XJ	JM60400-(X)CR***	6J400A(X)BFBD	JM60400-(X)CR***
LFJ60600(X)(X)ID	JM60600-(X)CR***	66(X)XJ	JM60600-(X)CR***	6J600A(X)BFBD	JM60600-(X)CR***
LFR25030(X)(X)ID	RM25030-(X)CR	203(X)X	HM25030-(X)CR	R30A(X)(XX)	RM25030-(X)CR
LFR25060(X)(X)ID	RM25060-(X)CR	206(X)X	HM25060-(X)CR	R60A(X)(XX)	RM25060-(X)CR
LFR25100(X)(X)ID	RM25100-(X)CR***	210(X)X	HM25100-(X)CR***	R100A(X)B	RM25100-(X)CR***
LFR25200(X)(X)ID	RM25200-(X)CR***	220(X)X	HM25200-(X)CR***	R200A(X)BE	RM25200-(X)CR***
LFR25400(X)(X)ID	RM25400-(X)CR***	240(X)X	HM25400-(X)CR***	R400A(X)B	RM25400-(X)CR***
LFR25600(X)(X)ID	RM25600-(X)CR***	26(X)X	HM25600-(X)CR***	R600A(X)B	RM25600-(X)CR***
LFR60030(X)(X)ID	RM60030-(X)CR	603(X)X	HM60030-(X)CR	6R30A(X)(XX)	RM60030-(X)CR
LFR60060(X)(X)ID	RM60060-(X)CR	606(X)X	HM60060-(X)CR	6R60A(X)(XX)	RM60060-(X)CR
LFR60100(X)(X)ID	RM60100-(X)CR***	610(X)X	HM60100-(X)CR***	6R100A(X)B	RM60100-(X)CR***
LFR60200(X)(X)ID	RM60200-(X)CR***	620(X)X	HM60200-(X)CR***	6R200A(X)BE	RM60200-(X)CR***
LFR60400(X)(X)ID	RM60400-(X)CR***	640(X)X	HM60400-(X)CR***	6R400A(X)B	RM60400-(X)CR***
LFR60600(X)(X)ID	RM60600-(X)CR***	66(X)X	HM60600-(X)CR***	6R600A(X)B	RM60600-(X)CR***
LFH25030(X)(X)ID	HM25030-(X)CR	203(X)XR	RM25030-(X)CR	(R)F30A(X)(XX)	HM25030-(X)CR
LFH25060(X)(X)ID	HM25060-(X)CR	206(X)XR	RM25060-(X)CR	(R)F60A(X)(XX)	HM25060-(X)CR
LFH25100(X)(X)ID	HM25100-(X)CR***	210(X)XR	RM25100-(X)CR***	RF100A(X)B	HM25100-(X)CR***
LFH25200(X)(X)ID	HM25200-(X)CR***	220(X)XR	RM25200-(X)CR***	F200A(X)BE	HM25200-(X)CR***
LFH25400(X)(X)ID	HM25400-(X)CR***	240(X)XR	RM25400-(X)CR***	RF400A(X)B	HM25400-(X)CR***
LFH25600(X)(X)ID	HM25600-(X)CR***	26(X)XR	RM25600-(X)CR***	F600A(X)B	HM25600-(X)CR***
LFH60030(X)(X)ID	HM60030-(X)CR	603(X)XR	RM60030-(X)CR	(R)F60030A(X)(XX)	HM60030-(X)CR
LFH60060(X)(X)ID	HM60060-(X)CR	606(X)XR	RM60060-(X)CR	(R)F60060A(X)(XX)	HM60060-(X)CR
LFH60100(X)(X)ID	HM60100-(X)CR***	610(X)XR	RM60100-(X)CR***	R6F100A(X)B	HM60100-(X)CR***
LFH60200(X)(X)ID	HM60200-(X)CR***	620(X)XR	RM60200-(X)CR***	6F200A(X)BE	HM60200-(X)CR***
LFH60400(X)(X)ID	HM60400-(X)CR***	640(X)XR	RM60400-(X)CR***	R6F400A(X)B	HM60400-(X)CR***
LFH60600(X)(X)ID	HM60600-(X)CR***	66(X)XR	RM60600-(X)CR***	6F600A(X)B	HM60600-(X)CR***
LFPSJ30(X)(X)ID	CH30J(X)(X)I	US3J(X)(X)I	CH30J(X)(X)I	6SJ30A(X)(X)I	CH30J(X)(X)I
LFPSJ60(X)(X)ID	CH60J(X)(X)I	US6J(X)(X)I	CH60J(X)(X)I	6SJ60A(X)(X)I	CH60J(X)(X)I
LPHV	CHPV	USPV	CHPV	6SC30A(X)-C/(X)I-C	CHCC(X)DIU/(X)DIU
LPSC00(X)(X)ID	CHCC(X)DIU/(X)DIU	USCC(X)(X)I	CHCC(X)DIU/(X)DIU	6SM30A(X)-C/(X)I-C	CHM(X)DIU/CHM(X)DIU
LPSM00(X)(X)ID	CHM(X)DIU/CHM(X)DIU	USM(X)(X)I	CHM(X)DIU/CHM(X)DIU		

*** Finger-safe covers are available for this block along with optional open fuse indication.

- Some competitor blocks are adder blocks and/or have multiple terminal offerings for Cu/Al or Cu only conductors.
- Wire ranges are not always the same. Please assure wire range is suitable for the application.
- All blocks listed have a box lug for wire termination. Alternate connection types are available in the 30 and 60 amp range. If an alternate type is required, please see the appropriate Bussmann series product data sheet for catalog number and ordering information.



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Fuse Clips

FC1005



Material

Brass (65Cu/35Zn), 0.020 inch thick, full hard temper

Plating

Matte tin or bright tin plating version available for all fuse clip types

Bright tin: 400 microinch minimum thickness, over nickel barrier plate

Matte tin: 400 microinch minimum thickness, over nickel barrier plate

Solderability

Per Mil-Std-202F, Method 208

Torque

Minimum 1.0 in.-oz to twist a fuse in a single clip

Extraction

Minimum 2 lbs. to extract a fuse from a single clip

Marking

"bel" die stamped on one side

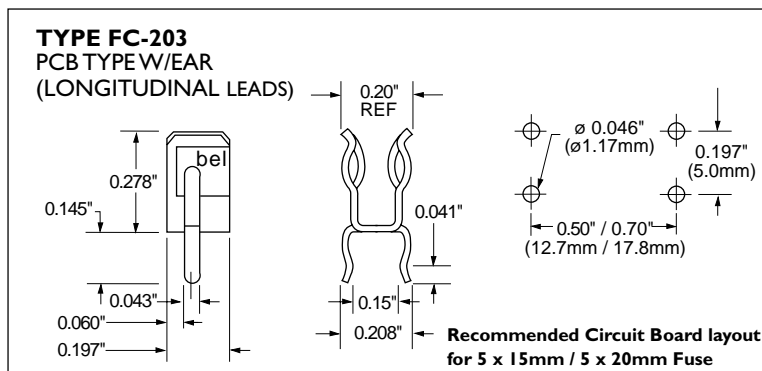
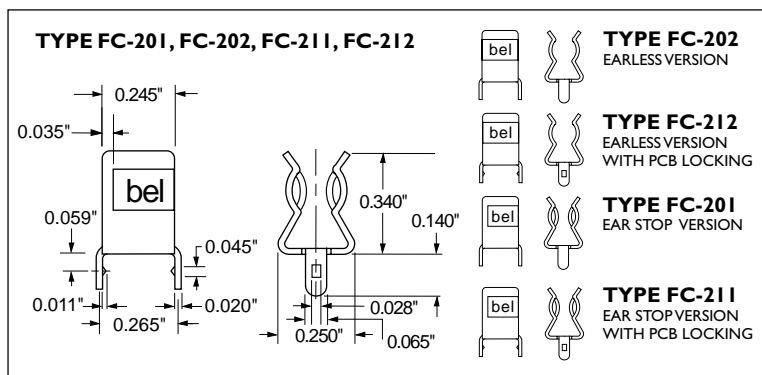
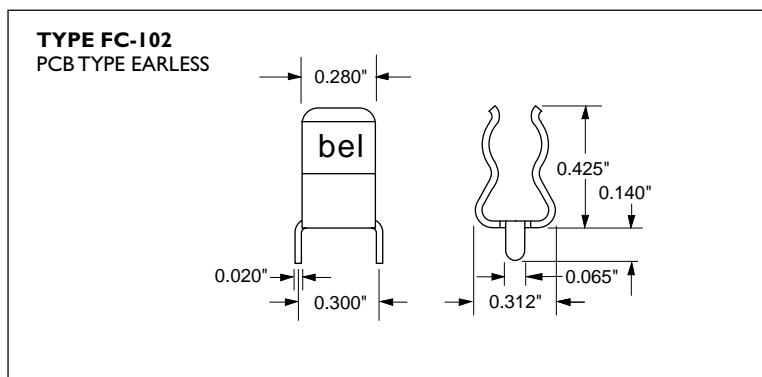
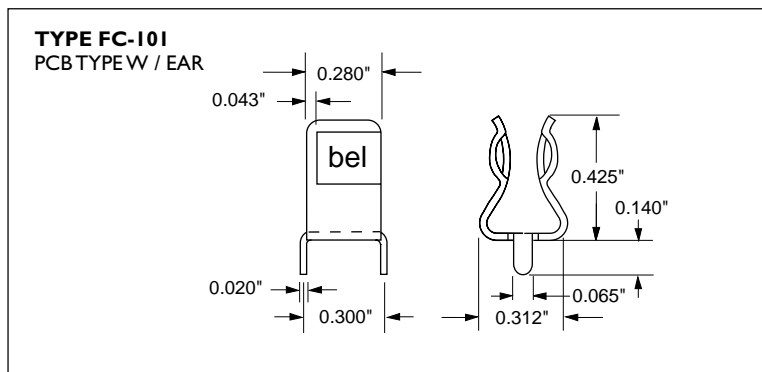
Ampere Rating

FC101, -102 up to 15A

FC201, -202, -211, -212 up to 10A

NOTE - suitability at higher currents is dependent on fuse type, circuit conditions and PCB design (track width/thickness, means to solder clip legs, etc). Each combination of clip, fuse, PCB and operating condition needs to be evaluated.

FC-211 and FC-212 are PCB locking types designed for 5mm fuses for use in 0.062" thick PCB. They have tabs on legs that "lock" onto underside of PCB to prevent floating of clip during solder reflow. This design also eliminates need for "clinching" operation on underside of PCB.



Specifications subject to change without notice



Fuse Cross Reference

Equivalent Ratings For Fuses Less Than 1 Amp

Equivalent Ratings For Fuses less 1 Amp		
1/500	0.002	2
1/200	0.005	5
1/100	0.010	10
1/32	0.032	32
1/16	0.063	63
1/10	0.100	100
1/8	0.125	125
15/100	0.150	150
18/100	0.180	180
3/16	0.187	187
2/10	0.200	200
1/4	0.250	250
3/10	0.300	300
3/8	0.375	375
4/10	0.400	400
1/2	0.500	500
3/4	0.750	750
8/10	0.800	800

Fuse FGNO Explanation

06XXX - [XXXX] - XX
[XXXX] = Ampere Rating

Fraction	Decimal	Milliamps	Bel FGNO [xxxx]
1/32	.032	32	0032
1/25	.040	40	0040
1/20	.050	50	0050
1/16	.063	63	0063
8/100	.080	80	0080
1/10	.100	100	0100
1/8	.125	125	0125
15/100	.150	150	0150
	.160	160	0160
2/10	.200	200	0200
1/4	.250	250	0250
3/10	.300	300	0300
	.315	315	0315
3/8	.375	375	0375
4/10	.400	400	0400
1/2	.500	500	0500
6/10	.600	600	0600
	.630	630	0630
7/10	.700	700	0700
3/4	.750	750	0750
8/10	.800	800	0800
		Amps	
	1.0	1	1000
1-1/4	1.25	1.25	1250
1-1/2	1.50	1.5	1500
	1.60	1.6	1600
	2.0	2	2000
2-1/4	2.25	2.25	2250
2-1/2	2.5	2.5	2500
	3.0	3	3000
	3.15	3.15	3150
3-1/2	3.5	3.5	3500
	4.0	4	4000
	5.0	5	5000
	6.0	6	6000
	6.3	6.3	6300
	7.0	7	7000
7-1/2	7.5	7.5	7500
	8.0	8	8000
		10	9100
		12	9120
		15	9150
		20	9200
		25	9250
		30	9300

BUSSMANN SERIES	BEL FUSE SERIES	PAGE	LITTELFUSE SERIES	BEL FUSE SERIES	PAGE	WICKMANN (now LF) SERIES	BEL FUSE SERIES	PAGE	SCHURTER SERIES/P-N RANGE	BEL FUSE SERIES	PAGE
1A1907-06	FC101	69	213(XE)	5VT (P)	49-50	150	3JQ	33-34			
3216FF	C1Q	15-16	215(XE)	5HT (P)	47-48	181	5HT	47-48	0001.1001-1014 PT/TR	5HFP	45-46
ABC	3AB	61-62	216(XE)	5HF (P)	45-46	191	5MF	53-54	0001.2504-2514 PT/TR	5HTP	47-48
AGC	3AG	59-60	217(XE)	5SF (P)	41-42	193	5SF	41-42	001.1001-1014	5HF	45-46
CS15	MJS	37-38	218(XE)	5ST (P)	43-44	194	5HF/5HFP	45-46	001.2501-2514	5HT	47-48
CS15	MJS350	37-38	219(XE)	5ET (P)	51-52	195	5ST	43-44	0034.1506-1526	5SF	41-42
CS17	3JQ	33-34	221	5HTP	47-48	196	5ET	51-52	0034.1513-1525 PT/TR	5SFP	41-42
CS18	3JQ	33-34	224	3JQ	33-34	197	5MF	53-54	0034.3105-3126 PT/TR	5STP	43-44
CS19	2JS	35-36	225	2JQ	33-34	198	5TT	57-58	0034.3105-3127	5ST	43-44
CS20	2JQ	33-34	226	5HFP	45-46	274	MQ	29-30	0034.3901-3915	5TT	57-58
GDA	5HF	45-46	227	5SFP	41-42	275	MQ	29-30	0034.3920-3938	5MF	53-54
GDA-V	5HFP	45-46	228	5STP	43-44	340	3AG	59-60	0034.3951-3969	5MF	53-54
GDB	5SF	41-42	229	2JS	35-36	341	3AB	61-62	0034.4810-4836	MQ-BULK	29-30
GDB-V	5SFP	41-42	230	3JS/MJS	35-38	343	3SB	63-64	0034.4857-4886	MQ-T&R	29-30
GDC	5ST	43-44	231	5HTP	47-48	370	MRF	23-24	0034.5107-5147	3AG	59-60
GDC-V	5STP	43-44	232	5MT	55-56	372	MRT	25-26	0034.5204-5247	3SB	63-64
GFA	MQ	29-30	234	5MT	55-56	373	MRF	23-24	0034.6000-6021	MRF-SHORT	23-24
GJV	3AP	59-60	235	5MF	53-54	374	MRT	25-26	0034.6060-6081	MRF-AMMO	23-24
GLH	3AG	59-60	236	5MFP	53-54	382	MRT	25-26	0034.6603-6623	MRT-SHORT	25-26
GLN	MQ	29-30	238	5TTP	57-58	392	RST	27-28	0034.6803-6823	MRT-AMMO	25-26
GLX	MQ	29-30	239	5TT	57-58	396	RST	27-28	0034.6914-6923	MRT-SHORT	25-26
GMA	5MF	53-54	251	MQ	29-30	419	SSQ	11-12	0034.6974-6983	MRT-AMMO	25-26
GMA-V	5MFP	53-54	252	MQ	29-30	420	SST	13-14	0034.7104-7122	MRT-SHORT	25-26
GMC	5TT	57-58	255	MQ	29-30	424	SSQC	09	0034.7304-7322	MRT-AMMO	25-26
GMC-V	5TTP	57-58	256	MQ	29-30	425	SSTC	09	0034.7503-7522	RST	27-28
GMD	5TT	57-58	311	3AG	59-60	443	C1Q	15-16	3402.0006-0040	SSQ	11-12
GMD-V	5TTP	57-58	312	3AG	59-60	445	C1Q	15-16	3412.0113-0124	C2Q	19-20
MCR	MQ	29-30	313	3SB	63-64	457	SMP	21-22	3413.0113-0123	C1Q	15-16
MDA	GSA	65-66	314	3AB	61-62	370-C1	MRF-AMMO	23-24	7100.1007-1023	RST-SHORT	27-28
MDL	3SB	63-64	315	3SBP	63-64	370-K	MRF-SHORT	23-24	7100.1107-1123	RST-AMMO	27-28
MDV	3SBP	63-64	318	3AP	59-60	372-C1	MRT-AMMO	25-26	FRT250T	RST	27-28
MDW	GSAP	65-66	324	3ABP	61-62	372-K	MRT-SHORT	25-26	MSA	MQ	29-30
MDX	3SB	63-64	325	GSAP	65-66	373-C1	MRF-AMMO	23-24	MSF250	MRF	23-24
MSL	3SB	63-64	326	OSA	65-66	373-K	MRF-SHORT	23-24	MST250	MRT	25-26
MSV	3SBP	63-64	392	RST	27-28	374-C1	MRT-AMMO	25-26			
MTH	3AG	59-60	396	RST	27-28	374-K	MRT-SHORT	25-26			
MWO	3SB	63-64	429	C1Q	15-16	FCD06	C2Q	19-20			
S500	5SF	41-42	430	C1S	17-18	FCD12	C1Q	15-16			
S501	5HF	45-46	431	C2Q	19-20						
S504	5ST	43-44	433	C1Q	15-16						
S505	5HT	47-48	434	C2Q	19-20						
S505-V	5HTP	47-48	445	SSQ	11-12						
S506	5ST	43-44	448	SSQ	11-12						
S508	5ET	51-52	449	SST	13-14						
			451	SSQ	11-12						
			452	SST	13-14						
			453	SSQ	11-12						
			454	SST	13-14						
			455	SSQ	11-12						
			461	SMP	21-22						
			466	C1Q	15-16						
			467	C2Q	19-20						
			468	C1S	17-18						
			473	MS	31-32						
			474	MS	31-32						
			662	MRF	23-24						
			663	MRT	25-26						
			664	MRT	25-26						
			665	MRT	25-26						
			102071	FC-101	69						
			102074	FC-201	69						
			220003	MJS350	37-38						
			220007	3JQ3	33-34						
			F1250T	SMP1.25	21-22						

Above recommendations are made using form/fit criteria, electrical performance should always be confirmed in actual application

Specifications subject to change without notice

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каталог, описание, технические, характеристики, datasheet, параметры, маркировка, габариты, фото, даташит,

Предохранитель, вставка плавкая

 <p>Automatic Sectionalizing Link The Cooper-Bussmann Automatic Sectionalizing Link (ASL) is a self-contained circuit-opening device.</p>	 <p>Capacitor Fusing Capacitor and current-limiting capacitor fusing for protection and medium energy interrupter capabilities.</p>	 <p>Current-Limiting An integral part of many distribution systems due to noiseless interruption, no arcing violence, current-limiting action, and very high current-interrupting capability.</p>	 <p>QR код</p>
 <p>Edison Modular Fuse Fully shielded and insulated in-line fuses for use in dead-front, overhead or underground, submersible cable distribution systems.</p>	 <p>Fuse Links Fuse links can be applied to a variety of applications requiring overcurrent protection of distribution systems and equipment.</p>	 <p>Fuses - electronic PCB and small dimension Electronic and small dimension fuses.</p>	
 <p>Fuses - high speed Compact, North American, square body, BS 88 and ferrule high speed fuses.</p>	 <p>Fuses - IEC and British Standard IEC and British Standard industrial fuses.</p>	 <p>Fuses - low voltage midjet and supplemental Automotive, in-line, inline, midjet and pilot indicating.</p>	
 <p>Fuses - low voltage UL, CSA branch circuit Class CC, CP, G, J, KS and H, L, RK1, RKS and T, and plug fuses.</p>	 <p>Fuses - medium voltage Medium voltage fuses up to 30kV.</p>	 <p>Power Fuses Clippings and units-of-power fuses for system and asset protection.</p>	

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