



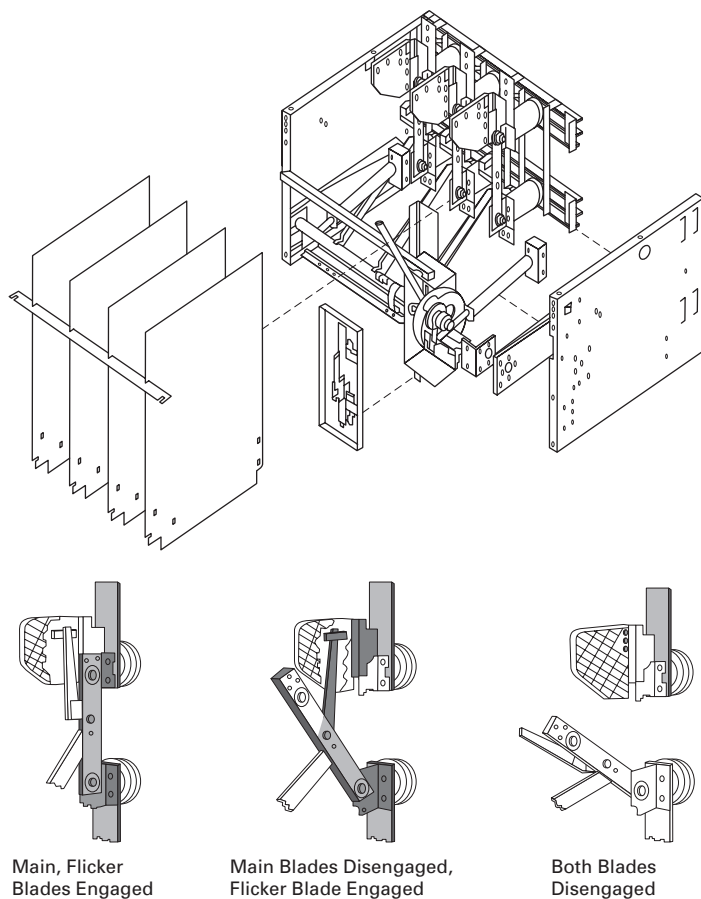
Cutler-Hammer

Type MVS2-C Load Interrupter Switches 5 or 15 kV

Price List PL02102002E

Effective January 2007
Supersedes PL02102002E
Pages 1 – 4 dated July 2006

Type MVS2-C Load Interrupter Switches



Application and Description

Eaton's Cutler-Hammer® type MVS2-C Load Interrupter Switch consists of an air insulated, 3-pole, gang-operated, quick-make, quick-break, load interrupter switch. The type MVS2-C switch is used in original equipment manufacturer products and end user enclosures, and is rated 5 kV maximum or 15 kV maximum, 600 amperes continuously or 1200 amperes continuously.

Applications of the MVS2-C switch are general power distribution, transformer primary disconnect device, power system control and automation, etc. MVS2-C switches are equipped with several built-in interlock facilities and safety features that may be incorporated into the original equipment manufacturer's product or the end user's enclosure to meet the end products industry safety requirements.

Most versions of the MVS2-C switch have either Underwriters Laboratories (UL®) recognized component status or Canadian Standards Association (CSA®) recognized component status.

Switch Identification

A rating label is located on the mechanism cover of each type MVS2-C switch. Contained on this label are the switch catalog number and all the switch ratings required by industry standards. This information should be given to the Eaton sales office if a question should arise concerning the switch or if renewal parts are required. See **Table 5** to translate the catalog number into a description.

Ratings and Standards



WARNING

EXCEEDING THE NAMEPLATE RATINGS OF AN MVS2-C SWITCH MAY CAUSE PROPERTY DAMAGE, SEVERE INJURY OR DEATH. DO NOT APPLY AN MVS2-C SWITCH BEYOND ITS NAMEPLATE RATINGS.

TABLE 1. MVS2-C SWITCH VOLTAGE AND FREQUENCY RATINGS, RMS VALUES

DESCRIPTION	5 KV CLASS	15 KV CLASS
Rated Maximum Design Voltage	5 kV	15 kV
Impulse Withstand Voltage, BIL	60 kV	95 kV
Low Frequency Withstand Voltage	19 kV	36 kV
Rated Frequency	60 Hz	60 Hz

TABLE 2. 5 KV CLASS MVS2-C SWITCH CURRENT RATINGS

FOR THE UNFUSED FAULT-CLOSE CURRENT RATING, PEAK

RELATED CAPABILITY	CONTINUOUS CURRENT RATING			
	600 AMPERES		1200 AMPERES	
	65 KA	99 KA	65 KA	99 KA
Short Time Current Rating, 2 Seconds	25 kA	38 kA	25 kA	38 kA
Rated Load Break Current	600 A	600 A	1200 A	1200 A
Rated Load Break Current Operations	50	50	20	20
Rated Magnetizing Current	12 A	12 A	24 A	24 A

Note: Ratings are rms symmetrical values except as noted.

TABLE 3. 15 KV CLASS MVS2-C SWITCH CURRENT RATINGS

FOR THE UNFUSED FAULT-CLOSE CURRENT RATING, PEAK

RELATED CAPABILITY	CONTINUOUS CURRENT RATING			
	600 AMPERES		1200 AMPERES	
	65 KA	99 KA	65 KA	99 KA
Short Time Current Rating, 2 Seconds	25 kA	38 kA	25 kA	38 kA
Rated Load Break Current	600 A	600 A	600 A	600 A
Rated Load Break Current Operations	30	30	10	10
Rated Magnetizing Current	12 A	12 A	24 A	24 A

Note: Ratings are rms symmetrical values except as noted.

TABLE 4. MVS2-C SWITCH STANDARDS

UL AND CSA	STANDARDS DOCUMENT
UL or CSA Component Recognition to:	ANSI/IEEE C37.20.4 ANSI C37.58 ANSI C37.22
CSA Component Recognition Only to:	CAN/CSA C22.2 No. 193 CAN/CSA C22.2 No. 58

Switch Nameplate Identification

A rating nameplate is located on the mechanism cover of each type MVS2-C switch. Contained on this nameplate are the switch catalog number or style number and all switch ratings required by industry standards. This information should be given to the Eaton sales office if a question should arise concerning the switch or if renewal parts are required.

Cutler-Hammer	
Load Interrupter Switch	
Type	
Style	
Date	
Voltage Ratings, kV	
Maximum	
BIL	
3 Phase 60 Hz	
Current Ratings, A	
Continuous and Load Break	
Fault Close and Momentary, Asymmetrical	
Short-Time (2 Seconds)	
Fuse Type	
Fused Fault Close, Asymmetrical	
Replacement fuses shall be of the same manufacture, type, and interrupting rating.	
Industry Standards	
IEEE C37.20.4	ANSI C37.58 ANSI C37.22
Instructions	
Mfd. At:	
0000000-00	

Product Selection

TABLE 5. MVS2-C CATALOG NUMBERING SYSTEM

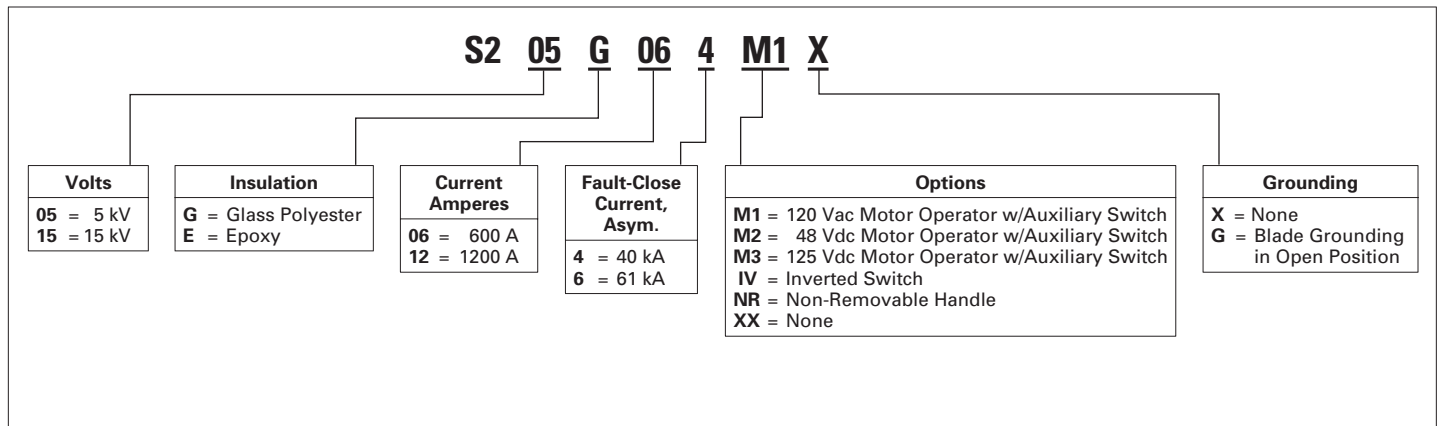


TABLE 6. MVS2-C PRODUCT SELECTION AND LIST PRICE

PART NUMBER	PRICE U.S.\$	PART NUMBER	PRICE U.S.\$	PART NUMBER	PRICE U.S.\$	PART NUMBER	PRICE U.S.\$	PART NUMBER	PRICE U.S.\$
S205G064XXX	3,464.	S205E064NRXX	4,186.	S205G066XXGX	3,793.	S215E066M1XX	8,536.	S215G124M1GX	8,243.
S205E064XXX	4,036.	S205G066NRXX	3,736.	S205E066XXGX	4,321.	S215G124M1XX	8,036.	S215E124M1GX	8,729.
S205G066XXX	3,586.	S205E066NRXX	4,264.	S205G124XXGX	3,729.	S215E124M1XX	8,521.	S215G126M1GX	8,321.
S205E066XXX	4,114.	S205G124NRXX	3,671.	S205E124XXGX	4,300.	S215G126M1XX	8,114.	S215E126M1GX	9,386.
S205G124XXX	3,521.	S205E124NRXX	4,243.	S205G126XXGX	3,807.	S215E126M1XX	9,179.	S215E124M3GX	8,729.
S205E124XXX	4,093.	S205G126NRXX	3,750.	S205E126XXGX	4,586.	S215G064M2XX	7,979.	S215G126M3GX	8,321.
S205G126XXX	3,600.	S205E126NRXX	4,529.	S205G064IVXX	3,643.	S215E064M2XX	8,836.	S215E126M3GX	9,386.
S205E126XXX	4,379.	S205G064M1GX	7,950.	S205E064IVXX	4,214.	S215G066M2XX	8,057.	S215G064XXGX	3,900.
S205G064M1XX	7,743.	S205E064M1GX	8,529.	S205G066IVXX	3,736.	S215E066M2XX	8,536.	S215E064XXGX	4,807.
S205E064M1XX	8,321.	S205G066M1GX	8,079.	S205E066IVXX	4,264.	S215G124M2XX	8,036.	S215G066XXGX	3,979.
S205G066M1XX	7,871.	S205E066M1GX	8,600.	S05G124IVXX	3,700.	S215E124M2XX	8,521.	S215E066XXGX	4,886.
S205E066M1XX	8,393.	S205G124M1GX	8,014.	S205E124IVXX	4,271.	S215G126M2XX	8,114.	S215G124XXGX	3,964.
S205G124M1XX	7,807.	S205E124M1GX	8,214.	S205G126IVXX	3,750.	S215E126M2XX	9,179.	S215E124XXGX	4,871.
S205E124M1XX	8,007.	S205G126M1GX	8,093.	S205E126IVXX	4,529.	S215G064M3XX	7,979.	S215G126XXGX	4,043.
S205G126M1XX	7,886.	S205E126M1GX	8,864.	S205G064XXGI	3,850.	S215E064M3XX	8,836.	S215E126XXGX	4,943.
S205E126M1XX	8,657.	S205G064M2GX	7,950.	S205E064XXGI	4,421.	S215G066M3XX	8,057.	S215G064IVXX	3,829.
S205G064M2XX	7,743.	S205E064M2GX	8,529.	S205G066IVGX	3,943.	S215E066M3XX	8,536.	S215E064IVXX	4,736.
S205E064M2XX	8,321.	S205G066M2GX	8,079.	S205E066IVGX	4,471.	S215G124M3XX	8,036.	S215G066IVXX	3,921.
S205G066M2XX	7,871.	S205E066M2GX	8,600.	S205G124IVGX	3,907.	S215E124M3XX	8,521.	S215E066IVXX	4,786.
S205E066M2XX	8,393.	S205G124M2GX	8,014.	S205E124IVGX	4,479.	S215G126M3XX	8,114.	S215G124IVXX	3,893.
S205G124M2XX	7,807.	S205E124M2GX	8,214.	S205G126IVGX	3,957.	S215E126M3XX	9,179.	S215E124IVXX	4,800.
S205E124M2XX	8,007.	S205G126M2GX	8,093.	S205E126IVGX	4,736.	S215G064NRXX	3,843.	S215G126IVXX	3,943.
S205G126M2XX	7,886.	S205E126M2GX	8,864.	S215G064XXX	3,693.	S215E064NRXX	4,750.	S215E126IVXX	5,043.
S205E126M2XX	8,657.	S205G064M3GX	7,950.	S215E064XXX	4,600.	S215G066NRXX	3,921.	S215G064IVGX	4,036.
S205G064M3XX	7,743.	S205E064M3GX	8,529.	S215G066XXX	3,771.	S215E066NRXX	4,829.	S215E064IVGX	4,943.
S205E064M3XX	8,321.	S205G066M3GX	8,079.	S215E066XXX	4,679.	S215G124NRXX	3,907.	S215G066IVGX	4,129.
S205G066M3XX	7,871.	S205E066M3GX	8,600.	S215G124XXXX	3,757.	S215E124NRXX	4,814.	S215E066IVGX	4,993.
S205E066M3XX	8,393.	S205G124M3GX	8,014.	S215E124XXXX	4,664.	S215G126NRXX	3,986.	S215G124IVGX	4,100.
S205G124M3XX	7,807.	S205E124M3GX	8,214.	S215G126XXXX	3,836.	S215E126NRXX	4,886.	S215E124IVGX	5,007.
S205E124M3XX	8,007.	S205G126M3GX	8,093.	S215E126XXXX	4,736.	S215G064M1GX	8,186.	S215G126IVGX	4,150.
S205G126M3XX	7,886.	S205E126M3GX	8,864.	S215G064M1XX	7,979.	S215E064M1GX	9,043.	S215E126IVGX	5,250.
S205E126M3XX	8,657.	S205G064XXGX	3,671.	S215E064M1XX	8,836.	S215G066M1GX	8,264.	—	—
S205G064NRXX	3,614.	S205E064XXGX	4,243.	S215G066M1XX	8,057.	S215E066M1GX	8,743.	—	—

Note: All of the included catalog or Cutler-Hammer part numbers are available for order using Eaton's Vista ordering system.

TABLE 7. MVS2-C FUSE MOUNTING AND LIVE PARTS CATALOG NUMBERING SYSTEM

F2 15 G CLEC		
Volts	Insulation	Fuse Type Options
00 = Live Parts Only ① 05 = 5 kV 15 = 15 kV	G = Glass Polyester E = Epoxy N = Live Parts Only	CLEC = CLE, 2-Inch Ferrule, Single Barrel CLED = CLE, 3-Inch Ferrule, Single Barrel CLEE = CLE, 3-Inch Ferrule, Double Barrel CXND = CXN, 3-Inch Ferrule, Single Barrel CXNE = CXN, 3-Inch Ferrule, Double Barrel CXNF = CXN, 4-Inch Ferrule, Single Barrel CXNH = CXN, 4-Inch Ferrule, Double Barrel RBA2 = RBA200 Non-disconnect Holder RBA4 = RBA400 Non-disconnect Holder RBA8 = RBA800 Non-disconnect Holder

① For volt selection of 00, live parts only, the purchaser is responsible for providing the necessary supporting and insulation required to meet the appropriate industry standard dielectric property and short circuit bracing strength requirements. Instruction Bulletin: IB02102004E, available on www.EatonElectrical.com

TABLE 8. MVS2-C FUSE MOUNTING OR FUSE LIVE PARTS PRODUCT SELECTION AND LIST PRICE

PART NUMBER	PRICE U.S.\$	PART NUMBER	PRICE U.S.\$	PART NUMBER	PRICE U.S.\$
F205ECLEC	1,021.	F205GRBA2	879.	F200NRBA4	486.
F205ECLED	907.	F205ERBA4	1,250.	F215ERBA8	2,979.
F205ECLEE	1,036.	F205GRBA4	886.	F205GRBA8	2,057.
F205GCLEC	657.	F205 RBA8	2,421.	F200NRBA8	1,850.
F205GCLED	664.	F205GRBA8	2,057.	F215ECXND	1,693.
F205GCLEE	679.	F205ECXND	1,421.	F215ECXNE	1,707.
F200NCLEC	486.	F205ECXNF	1,479.	F215ECXNF	1,750.
F200NCLED	486.	F205ECXNH	1,479.	F215GCXNH	1,429.
F200NCLEE	500.	F205GCXND	1,250.	F215GCXND	1,114.
F215ECLEC	1,993.	F205GCXNF	1,250.	F215GCXNE	1,129.
F215ECLED	1,464.	F205GCXNH	1,250.	F215GCXNF	1,171.
F215ECLEE	1,464.	F215ERBA2	1,807.	F215GCXNH	1,429.
F215GCLEC	1,143.	F215GRBA2	1,221.	F200NCXND	486.
F215GCLED	879.	F200NRBA2	486.	F200NCXNE	507.
F215GCLEE	1,279.	F215ERBA4	1,807.	F200NCXNF	543.
F205ERBA2	1,243.	F215GRBA4	1,221.	—	—

Cutler-Hammer is a federally registered trademark of Eaton Corporation. UL is a registered trademark of Underwriters Laboratories Inc. CSA is a registered trademark of the Canadian Standards Association.

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Cutler-Hammer

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