

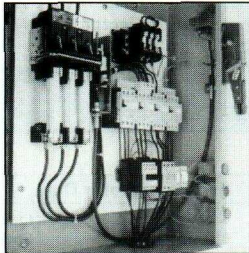
Disconnect Switches

SELECTION

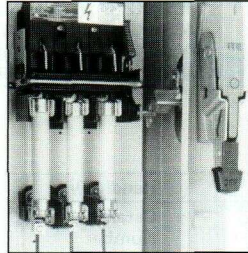
Type MCS (30-200A)—Switches, Fuse and No Fuse Kits

Features

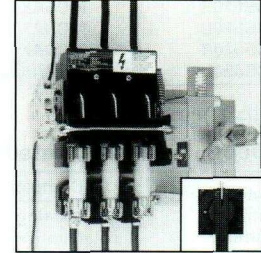
- 30, 60, 100 and 200 Ampere Switches
- UL Recognized and CSA Certified
- Simple Mounting — with an integral switch and over center mechanism
- Compact Size
- Visible Blade Contacts
- Rugged Construction — with a short circuit current rating of 200,000 amps at 600V maximum AC, when fused with class R or class J fuses
- Available with three operator handle options, allowing flexible placement of switch
- Field Installable Auxiliary Contacts
- Flexible Fuse Class Configurations



Type MCS Disconnect Switch with Max-Flex™ handle operator



Type MCS Disconnect Switch with fixed-depth, flange-mounted handle



Type MCS Disconnect Switch with rotary handle

Ordering Information

1. Select the basic switch size you need (30, 60, 100 or 200 ampere).
2. Check the switch selected against the maximum horsepower rating required for your application. "L" or "R" suffix on switch catalog numbers denotes left or right-handed mechanism drive.
3. Choose either fuse or no fuse kit from chart below.
4. Check "Minimum Dimensions" on page 158 for installation space requirements.
5. Select from the list of handle operators, the type which best suits your application. Handle operators can be selected from the next page.

Basic Switches

Switch Ampere Rating	Maximum Voltage Rating	Catalog Number Right Hand	Catalog Number Left Hand	Maximum Horsepower Rating, 3 Phase						250 Volts DC (max)	List Price Each \$
				240 Volts AC		480 Volts AC		600 Volts AC			
				Standard Fuse	Time Delay Fuse	Standard Fuse	Time Delay Fuse	Standard Fuse	Time Delay Fuse		
30	600	MCS603R	MCS603L	3	7½	5	15	7½	20	5	289.00
60	600	MCS606R	MCS606L	7½	15	15	30	15	50	10	334.00
100	600	MCS610R	MCS610L	15	30	25	60	30	75	20	623.00
200	600	MCS620R	MCS620L	25	60	50	125	60	150	40	1006.00

Fuse And No Fuse Kits (Includes load base plus line and load fuse clips)^①

Basic Switch Ampere Rating	Switch Catalog Number	Kit Description	No Fuse Kits				For Class H		For Class J		For Class R ^②		Lug Wire Size	
			Standard		Cu Only ^③		Catalog Number ^①	Std List Price \$	Catalog Number ^①	Std List Price \$	Catalog Number ^①	Std List Price \$		
			Catalog Number	List Price \$	Catalog Number	List Price \$								
30	MCS603R or MCS603L	No Fuse	TMK606	9.50	TMK606C	17.40	—	—	—	—	—	—	#14 to #4 AWG Cu/Al	
		30A, 250V	—	—	—	—	FCK203	41.50	—	—	FCRK203	61.00		FCRK206 74.00
		30A, 600V	—	—	—	—	FCK206	55.00	—	—	FCRK206	74.00		
		60A, 250V	—	—	—	—	FCK206	55.00	—	—	FCRK206	74.00		
60	MCS606R or MCS606L	60A, 600V	—	—	—	—	—	—	—	—	—	—	#14 to #4 AWG Cu/Al	
		100A, 250V	—	—	—	—	—	—	—	—	—	—		
		100A, 600V	—	—	—	—	—	—	—	—	—	—		
		—	—	—	—	—	—	—	—	—	—	—		
100	MCS610R or MCS610L	No Fuse	TMK610	23.00	TMK610C	46.00	—	—	—	—	—	—	#14 to #2/0 AWG Cu/Al	
		100A, 250V	—	—	—	—	—	—	—	—	—	—		
		100A, 600V	—	—	—	—	—	—	—	—	—	—		
		200A, 250V	—	—	—	—	—	—	—	—	—	—		
200	MCS620R or MCS620L	200A, 600V	—	—	—	—	—	—	—	—	—	—	#6 to 300 kcmil Cu/Al	
		400A, 250V	—	—	—	—	—	—	—	—	—	—		
		400A, 600V	—	—	—	—	—	—	—	—	—	—		
		—	—	—	—	—	—	—	—	—	—	—		

① For "copper only" connectors, order as follows:
Fusible—order standard switch, standard fuse kit and copper only no fuse kit.
Non-Fusible—order standard switch and copper only no fuse kit.

② To order Class R fuse kit, you must order Class H fuse kit from this table and corresponding Class R fuse conversion kit from either this table or from table on page 158.

③ Includes both line and load lugs.

④ For Class R fuses order Class H kit from this table and the Class R conversion kit from the next page.

4

DISCONNECT SWITCHES

Disconnect Switches

SELECTION

Type MCS (30-200A)—Accessories

Auxiliary Switch Kits

Switch Catalog Number	Contact Arrangement			
	1 NO/1 NC		2 NO/2 NC	
	Catalog Number	List Price Each \$	Catalog Number	List Price Each \$
MCS603R	MCSAKR136	216.00	MCSAKR236	376.00
MCS603L	MCSAKL136	216.00	MCSAKL236	376.00
MCS606R	MCSAKR136	216.00	MCSAKR236	376.00
MCS606L	MCSAKL136	216.00	MCSAKL236	376.00
MCS610R	MCSAK116	217.00	MCSAK216	377.00
MCS610L	MCSAK116	217.00	MCSAK216	377.00
MCS620R	MCSAK126	250.00	MCSAK226	501.00
MCS620L	MCSAK126	250.00	MCSAK226	501.00

Class R Fuse Conversion Kits

Fuse Clip Rating	Catalog Number	List Price Each \$
100A, 600V	SSRK33	33.50
200A, 600V	SSRK34	33.50
400A, 600V	SSRK35	85.00

Fuse Ejector Kits

Switch Catalog Number	Fuse Ejector Kit Catalog Number	List Price Each \$
MCS610	FE100	14.30
MCS620	FE200	22.00

Handle Operators

Fixed Depth, Flange Mounted, Types 1, 3, 3R, 12^①

Switch Catalog Number	Complete Handle Mechanism		Handle Only		Switch Operator Only	
	Catalog Number	List Price Each \$	Catalog Number	List Price Each \$	Catalog Number	List Price Each \$
MCS603R	FDFS06R	247.00	FDH10	197.00	FDS06R	50.00
MCS603L	FDFS06L	247.00	FDH10	197.00	FDS06L	50.00
MCS606R	FDFS06R	247.00	FDH10	197.00	FDS06R	50.00
MCS606L	FDFS06L	247.00	FDH10	197.00	FDS06L	50.00
MCS610R	FDFS06R	247.00	FDH10	197.00	FDS06R	50.00
MCS610L	FDFS06L	247.00	FDH10	197.00	FDS06L	50.00
MCS620R	FDFS20R	324.00	FDH20	193.00	FDS20R	131.00
MCS620L	FDFS20L	324.00	FDH20	193.00	FDS20L	131.00

Variable Depth, Flange Mounted Max-Flex™, Types 1, 3, 3R, 12^②

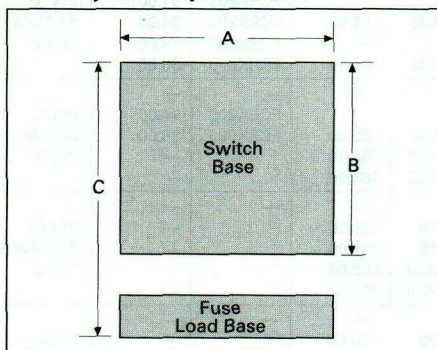
Switch Catalog Number	Complete Handle Mechanism		Handle Only		Switch Operator Only		Cable Only ^③	
	Catalog Number	List Price Each \$	Catalog Number	List Price Each \$	Catalog Number	List Price Each \$	Catalog Number	List Price Each \$
MCS603R	FHOS06036R	490.00	FHOHS	244.00	FHOS06R	126.00	FHOEC036	120.00
MCS603L	FHOS06036L	490.00	FHOHS	244.00	FHOS06L	126.00	FHOEC036	120.00
MCS606R	FHOS06036R	490.00	FHOHS	244.00	FHOS06R	126.00	FHOEC036	120.00
MCS606L	FHOS06036L	490.00	FHOHS	244.00	FHOS06L	126.00	FHOEC036	120.00
MCS610R	FHOS06036R	490.00	FHOHS	244.00	FHOS06R	126.00	FHOEC036	120.00
MCS610L	FHOS06036L	490.00	FHOHS	244.00	FHOS06L	126.00	FHOEC036	120.00
MCS620R	FHOS20036R	557.00	FHOHS	244.00	FHOS20R	174.00	FHOJC036	139.00
MCS620L	FHOS20036L	557.00	FHOHS	244.00	FHOS20L	174.00	FHOJC036	139.00

Variable Depth Rotary, Through-The-Door-Mounted, Types 1, 12^{④⑤}

Variable Depth							Shaft Only Variable Depth		
MCS603R	CRHOS06VD	124.50	CRHOH	40.00	RHOS06	60.00	RHOSVD	24.50	
MCS606R	CRHOS06VD	124.50	CRHOH	40.00	RHOS06	60.00	RHOSVD	24.50	
MCS610R	CRHOS06VD	124.50	CRHOH	40.00	RHOS06	60.00	RHOSVD	24.50	
MCS620R	CRHOS20VD	162.50	CRHOH	40.00	RHOS20	98.00	RHOSVD	24.50	

MCS Disconnect Switch Panel Space Requirements

Panel Space Requirements



Minimum Dimensions

Switch Catalog Number	Size	"A"	"B"	"C"	Fuse Class
MCS603	30A/240V	6.13	5.52	8.11	H, K, R
	30A/600V	6.13	5.52	10.11	H, K, R
	30A/600V	6.13	5.52	8.48	J
MCS606	60A/240V	6.13	5.52	7.86	H, K, R
	60A/600V	6.13	5.52	10.38	H, K, R
	60A/600V	6.13	5.52	8.35	J
MCS610	100A/240V	7.38	7.59	11.85	H, K, R
	100A/600V	7.38	7.59	13.85	H, K, R
	100A/600V	7.38	7.59	10.6	J
MCS620	200A/240V	9.17	9.00	14.7	H, K, R
	200A/600V	9.17	9.00	17.2	H, K, R
	200A/600V	9.17	9.00	13.32	J

- "A" – Dimension is measured from each cross bail pin.
- "B" – Dimension is measured from line side barrier to load side barrier.
- "C" – Dimension is measured from line side terminal of switch to load side terminal of fuse load base.

① For Type 4 and 4X applications, order handle only Catalog Number 100A - FDH104 (list price \$277.00) 200A - FDH204 (list price \$273.00)
 ② For Type 4 and 4X applications, order handle only Catalog Number FHOHS4, List Price \$339.

③ Standard cable length is 36 inches. Alternate lengths are available as follows:

Length	Amps	Cat. No.	List Price
24"	30-100	FHOEC024	142.00
48"	30-100	FHOEC048	142.00
60"	30-100	FHOEC060	158.00
48"	200	FHOJC048	164.00
60"	200	FHOJC060	188.00

④ For Type 4 and 4X applications, order handle only Catalog Number RHOH4, List Price \$118.00
 ⑤ For Type 3 and 3R applications, order handle only Catalog Number RHOH, List Price \$90.00

Built to order. Allow 4-6 weeks for delivery.