

MOLDED CASE MANUAL TRANSFER SWITCH

Description

Lake Shore Electric Corporation offers a complete line of Manual Transfer Switches which provide dependable, positive, fast-acting manual transfer to an alternate power source. Molded Case Manual Transfer Switches are available in Dual Operator configuration (see Bulletins 07110 & 07120 for automatic versions) allowing two separate operating handles so that the operator may place the switch in a neutral, de-energized position at the operators discretion. Lake Shore Electric Corporation's Molded Case Transfer Switches are U.L. Listed up to 1200 amps at 600 volts AC or 250 volts DC (U.L. Standard 1008, File No. E32008) and are CSA approved. For Manual Transfer Switches above 1200 amps, please see our Insulated Case Manual Bulletin #07250.

Features

The permanently installed manual operating handle(s) provide reliable mechanical transfer of molded case switches and/or circuit breakers. Once initiated transfer time is less than 100 milliseconds. A fulcrum and lever mechanical interlock, not accessible by the operator, prevents the switching devices from applying power from both sources simultaneously. All Lake Shore Electric Corporation manual transfer switches are safe to operate under load. As an added feature, Lake Shore's Manual Transfer Switches can offer withstand ratings up to 150KAIC, without need of up-stream coordination.

Maintenance requirements are minimal, as the mechanical operating mechanism is permanently lubricated and sealed and does not require routine service.

Accessories available with the Lake Shore Electric Manual Transfer Switch include:

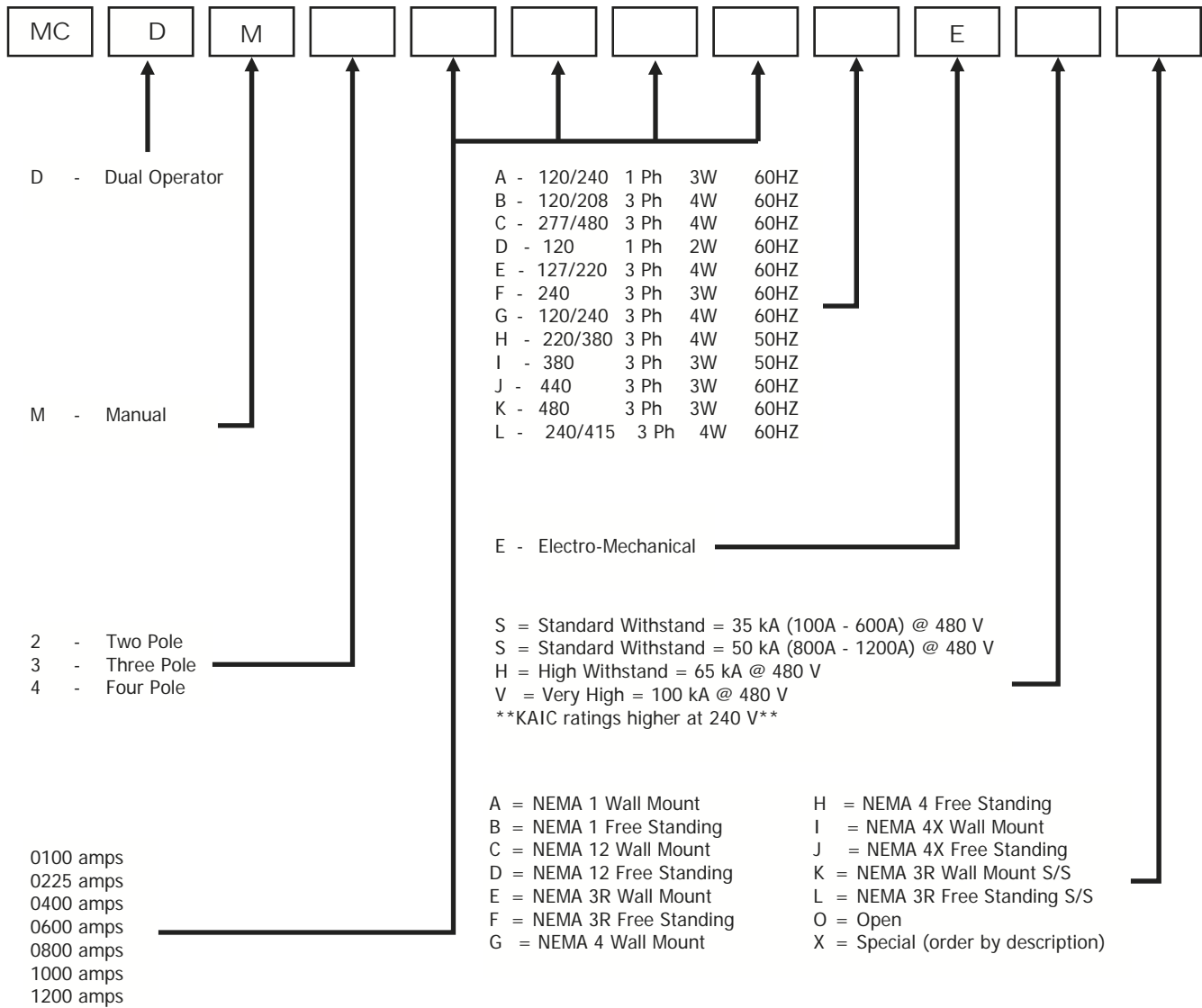
- Manual initiated/electrically assisted transfer. This allows manual transfer of the switch with the door closed. For added security, a key operated switch to enable/disable electrical assist functions is also available.
- Auxiliary contacts for switch position and/or source available.
- Pilot lights for switch position and/or source available.
- Trip elements for over current protection.
- Special lug options.
- Service Entrance Rating.
- Cam-Lok® Connections

Wall Mount or Free Standing enclosures, with NEMA 1, 3R and 3R Stainless Steel, N12 and 4X, all with locking handles are also available.



LAKE SHORE ELECTRIC CORPORATION
 205 WILLIS STREET • BEDFORD, OHIO 44146
 (440) 232-0200 or (800) 225-0141 FAX (440) 232-5644
www.lake-shore-electric.com

ORDERING INFORMATION



DIMENSIONS					LUG / CONNECTION DATA		
Current Rating	Type	H	W	D	Current Rating	Standard Lug	Optional Lug
		(all dimensions in inches)					
100 amps	W/M	48	28	18	100 amperes	(1) #6 - 4/0	(1) #14 - 1/0
225 - 400 amps	W/M	54	28	18	225 amperes	(1) 3/0 - 350MCM	(2) 3/0 - 250MCM
600 amps	W/M	60	37	18	400 amperes	(1) 2/0 - 500MCM	(1) 500 - 600MCM
800 - 1200 amps	W/M	72	37	20		Or	
					400 amperes	(2) 2/0 - 250MCM	
100 - 400 amps	F/S	66	28	18	600 amperes	(2) 400 - 500MCM	(2) 3/0 - 350MCM
600 - 1200 amps	F/S	84	37	20	800 - 1200	(3) 500 - 750MCM	(4) 4/0 - 500MCM
<i>Cam-Lok® connections and Custom Bussing configurations also available to meet your requirements, consult factory for details.</i>							

LAKE SHORE ELECTRIC CORPORATION
 205 WILLIS STREET • BEDFORD, OHIO 44146
 (440) 232-0200 or (800) 225-0141 FAX (440) 232-5644
www.lake-shore-electric.com

