

\*\*HISTORICAL\*\*

## Pump Controllers, Fire

[See General Information for Pump Controllers, Fire](#)

### NATIONAL FIRE FIGHTING MFG FZ CO

EX15064

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JEBEL ALI FREE ZONE

DUBAI, UNITED ARAB EMIRATES

**Microprocessor-Based Diesel Engine Fire Pump Controller**, NFY Type Diesel Engine Fire Pump Controllers, Model NFY, followed by -D, followed by -M1, followed by -110 or -230, followed by -50 or -60, followed by -12 or -24, may be followed by additional suffixes.

**Foam Concentrate Diesel Engine Fire Pump Controller**, NFY Type Foam Concentrate Diesel Engine Fire Pump Controllers, Model NFY, followed by -D, followed by -M1, followed by F, followed by -110 or -230, followed by -50 or -60, followed by -12 or -24, may be followed by additional suffixes.

**Microprocessor-Based Electric Fire Pump Controller**, NFY Type Electric Fire Pump Controllers, Model NFY, may be followed by -ATS, followed by -SD - DO or -SS, followed by -M1, followed by 230, 380, 415, or 480 followed by yyy where yyy represents two or three digits denoting power in HP, followed by 50 or 60, and may be followed by additional suffixes.

**Foam Concentrate Electric Fire Pump Controller**, NFY Type Foam Concentrate Electric Fire Pump Controllers, Model NFY, followed by -SD, followed by -M1, followed by F, followed by 230, 380, 415, or 480 followed by yyy where yyy represents two or three digits denoting power in HP, followed by 50 or 60, and may be followed by additional suffixes.

**Microprocessor-based variable speed drive electric fire pump controller**, Model NFY, may be followed by -ATS, followed by -VFD, followed by -DO or -SS, followed by M1, followed by 380 or 415, followed by yyy where yyy represents two or three digits denoting power in HP, followed by 50 or 60, and may be followed by additional suffixes.

These controllers are suitable for use on circuits capable of delivering high fault currents with maximum values as shown in the following table.

Circuit Breaker	Maximum Voltage	Short Circuit Current RMS Symmetrical, kA
<b>For NFY-SD and NFY-DO Series Utilizing Eaton Circuit Breakers</b>		
C-H HMCP100 Frame	415 Vac	100 kA
C-H HMCP150 Frame	415 Vac	100 kA
C-H HMCP150 Frame	415 Vac	100 kA
C-H HMCP250 Frame	415 Vac	100 kA
C-H HMCP250 Frame	415 Vac	100 kA
C-H HMCP250 Frame	415 Vac	100 kA
C-H HMCP400 Frame	415 Vac	100 kA
C-H HMCP400 Frame	415 Vac	100 kA
C-H HMCP600 Frame	415 Vac	50 kA
C-H HMCP600 Frame	415 Vac	50 kA
C-H HMCP800 Frame	415 Vac	50 kA
C-H HMCP800 Frame	415 Vac	50 kA
<b>For NFY-SD Series Utilizing LSIS CO LTD Circuit Breakers</b>		
UTS150-L-MCP-150A-3P-LL-UL	415 Vac	100 kA

UTS150-L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS150-L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS150-L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS150-L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS150L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS150L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS250L-MCP-220A-3P-LL-UL	415 Vac	100 kA
UTS250L-MCP-220A-3P-LL-UL	415 Vac	100 kA
UTS250L-MCP-220A-3P-LL-UL	415 Vac	100 kA
UTS400H-MCP-320A-3P-LL-UL	415 Vac	100 kA
UTS400H-MCP-320A-3P-LL-UL	415 Vac	100 kA
UTS600H-MCP-500A-3P-LL-UL	415 Vac	100 kA
UTS600H-MCP-500A-3P-LL-UL	415 Vac	100 kA
UTS800-L-MCP-800A-3P-LL-UL	415 Vac	100 kA
UTS800-L-MCP-800A-3P-LL-UL	415 Vac	100 kA
<b>For NFY-DO and NFY-SS Series Utilizing LSIS CO LTD Circuit Breakers</b>		
UTS150-L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS150-L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS150-L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS150-L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS150-L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS150L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS150L-MCP-150A-3P-LL-UL	415 Vac	100 kA
UTS250H-MCP-220A-3P-LL-UL	415 Vac	100 kA
UTS250H-MCP-220A-3P-LL-UL	415 Vac	100 kA
UTS250H-MCP-220A-3P-LL-UL	415 Vac	100 kA
UTS400H-MCP-320A-3P-LL-UL	415 Vac	100 kA
UTS400H-MCP-320A-3P-LL-UL	415 Vac	100 kA
UTS600H-MCP-500A-3P-LL-UL	415 Vac	100 kA
UTS600H-MCP-500A-3P-LL-UL	415 Vac	100 kA
UTS800-L-MCP-800A-3P-LL-UL	415 Vac	100 kA
UTS800-L-MCP-800A-3P-LL-UL	415 Vac	100 kA
<b>For NFY-SD Series Utilizing NOARK Circuit Breakers</b>		
M1MH100T3L	480 Vac	100 kA

M1MH100T3L	480 Vac	100 kA
M1MH100T3L	480 Vac	100 kA
M1MH100T3L	480 Vac	100 kA
M1MH100T3L	480 Vac	100 kA
M2MH150T3L	480 Vac	100 kA
M2MH150T3L	480 Vac	100 kA
M2MH250T3L	480 Vac	100 kA
M2MH250T3L	480 Vac	100 kA
M2MH250T3L	480 Vac	100 kA
M3MH400T3L	480 Vac	100 kA
M3MH400T3L	480 Vac	100 kA
M4MH600T3L	480 Vac	100 kA
M4MH600T3L	480 Vac	100 kA
M5MH800T3L	480 Vac	100 kA
M5MH800T3L	480 Vac	100 kA
<b>For NFY-DO and NFY-SS Series Utilizing LSIS CO LTD Circuit Breakers</b>		
M1MH100T3L	480 Vac	100 kA
M1MH100T3L	480 Vac	100 kA
M1MH100T3L	480 Vac	100 kA
M1MH100T3L	480 Vac	100 kA
M1MH100T3L	480 Vac	100 kA
M2MH150T3L	480 Vac	100 kA
M2MH150T3L	480 Vac	100 kA
M2MH250T3L	480 Vac	100 kA
M2MH250T3L	480 Vac	100 kA
M2MH250T3L	480 Vac	100 kA
M3MH400T3L	480 Vac	100 kA
M3MH400T3L	480 Vac	100 kA
M4MH600T3L	480 Vac	100 kA
M4MH600T3L	480 Vac	100 kA
M5MH800T3L	480 Vac	100 kA
M5MH800T3L	480 Vac	100 kA

Models with suffix "-ATS are provided with Automatic Transfer Switches and are suitable for use on circuits capable of delivering high fault currents. The withstand rating of the normal power side is the same as the withstand ratings of controllers without transfer switches. The withstand rating of the alternate power side is determined by the transfer switch as indicated by the following tables:

<b>SOCOMEK S A Transfer Switches</b>						
<b>FPC HP Range</b>	<b>Transfer Switch Model No.</b>	<b>BCP Manufacturer</b>	<b>BCP Model #</b>	<b>BCP FLA</b>	<b>Max Voltage</b>	<b>S/C Rating (kA)</b>
0-50 HP	9723 3010	Square D	JJ	250 A	415	65
0-50 HP	9723 3010	+	+	+	415	10
75-150 HP	9723 3026	+	+	+	415	14
200 HP	9723 3040	+	+	+	415	14
<b>MILBANK MFG CO Transfer Switches</b>						
<b>FPC HP Range</b>	<b>Transfer Switch Model No.</b>	<b>BCP Manufacturer</b>	<b>BCP Model #</b>	<b>BCP FLA</b>	<b>Max Voltage</b>	<b>S/C Rating (kA)</b>
0-200 HP	VTS2-0400	Cutler Hammer	LD	600	415	10
250-350 HP	VTS2-0600	Cutler Hammer	MD	800	415	12
400 HP	VTS2-1000	Cutler Hammer	RD	1250	415	20
+ - Branch Circuit Protection provided by same circuit breaker models specified in the NFY-SD, NFY-DO and NFY-SS short-circuit tables.						

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