




Selection and Ordering data	Order No.
<b>MFA 4P Motion Failure Alarm Controller</b> C)	<b>7MH 7 1 4 4 -</b>
A highly sensitive single setpoint motion sensor system, used with MSP and XPP probes.	
<b>Enclosure</b>	
NEMA 4X, polycarbonate enclosure	1
NEMA 4, painted mild steel enclosure	2
NEMA 4X, stainless steel enclosure	3
<b>Input Voltage</b>	
100/115/200/230 V AC, 50/60 Hz, switch selectable	A
<b>Speed detection version</b>	
Standard, underspeed (U/S) or overspeed (O/S), switch selectable	A
Slow speed (S/S), U/S or O/S detection, switch selectable	B
<b>Approvals</b>	
CE, CSAus/c, FM	2
<b>Instruction manual</b>	
English	C) <b>7ML1998-5FM01</b>
French	C) <b>7ML1998-5FM11</b>
Spanish	C) <b>7ML1998-5FM21</b>
German	C) <b>7ML1998-5FM31</b>
Note: The instruction manual should be ordered as a separate item on the order.	
This device is shipped with the Siemens Milltronics manual CD containing the complete instruction manual library.	
<b>Spare parts</b>	
Relay	<b>7MH7723-1DW</b>
Transformer	<b>7MH7723-1DX</b>
Circuit Card, standard	C) <b>7MH7723-1DU</b>
Circuit Card, Slow speed	C) <b>7MH7723-1DV</b>

C) Subject to export regulations AL: N, ECCN: EAR99

Selection and Ordering data	Order No.
<b>Milltronics RMA Remote Mounted Amplifier</b> C)	<b>7MH7145-</b>
Remote mounted amplifier for Milltronics MSP-1, MSP-3 and MSP-9 motion sensing probes.	0 
<b>Enclosure</b>	
Aluminum enclosure, 1/2" NPT entry	A
Painted steel, NEMA 4 rating	C
Stainless steel enclosure, NEMA 4X rating	D
<b>Instruction manual</b>	
English	C) <b>7ML1998-5FM01</b>
French	C) <b>7ML1998-5FM11</b>
Spanish	C) <b>7ML1998-5FM21</b>
German	C) <b>7ML1998-5FM31</b>
Note: The instruction manual should be ordered as a separate item on the order.	
<b>Spare parts</b>	
Card, RMA	C) <b>7MH7723-1DT</b>

C) Subject to export regulations AL: N, ECCN: EAR99

Selection and Ordering data	Order No.
<b>Milltronics Motion Sensing Probes</b> C)	<b>7MH 7 1 4 6 -</b>
A series of motion sensing probes used with the MFA 4p.	0 
Milltronics MSP-1: miniature motion sensing probe	
Milltronics MSP-3: heavy-duty, high temperature aluminum	
Milltronics MSP-9: heavy-duty, high temperature stainless steel	
Milltronics MSP-12: heavy-duty, general purpose	
Milltronics XPP-5: hazardous rate	
Note: Milltronics MSP-1, MSP-3 and MSP-9 probes require the use of Milltronics RMA (amplifier)	
<b>Model</b>	
MSP-1 with 1.8 m (6 ft) of cable	A
MSP-3, 1/2" NPT cable inlet with 1.5 m (5 ft) high temperature cable	B
MSP-9 with 1.5 m (5 ft) high temperature cable	D
MSP-12, 1/2" NPT cable inlet	E
XPP-5, with 1.5 m (5 ft) cable, (CSA Class I, Group A, B, C and D; Class II Group E, F and G)	G
XPP-5, with 10 m (32.8 ft) cable, (CSA Class I, Group A, B, C and D; Class II Group E, F and G)	H
XPP-5, with 15 m (49.2 ft) cable, (CSA Class I, Group A, B, C and D; Class II Group E, F and G)	J
<b>Approvals</b>	
CE	A
<b>Instruction manual</b>	
English	C) <b>7ML1998-5FM01</b>
French	C) <b>7ML1998-5FM11</b>
Spanish	C) <b>7ML1998-5FM21</b>
German	C) <b>7ML1998-5FM31</b>
Note: The instruction manual should be ordered as a separate item on the order.	
<b>Spare parts</b>	
Locknut, for MSP-1	<b>7MH7723-1CQ</b>
Locknut, for MSP-3, MSP-4, MSP-12, XPP-5	C) <b>7MH7723-1CR</b>
Mounting flange, for MSP-3, MSP-4, MSP-12, XPP-5	<b>7MH7723-1CS</b>
Mounting bracket for MSP-9	<b>7MH7723-1CT</b>
Lid, 1/2" NPT cable inlet, for MSP-3, MSP-12	<b>7MH7723-1CU</b>
Lid for MSP-9	<b>7MH7723-1CV</b>
Lid gasket, for MSP-3, MSP-9	<b>7MH7723-1CW</b>
Lid gasket, for MSP-12	<b>7MH7723-1CX</b>

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