



MITCHELL

GENUINE CONTROLS

CATALOG

2022

Rev. A

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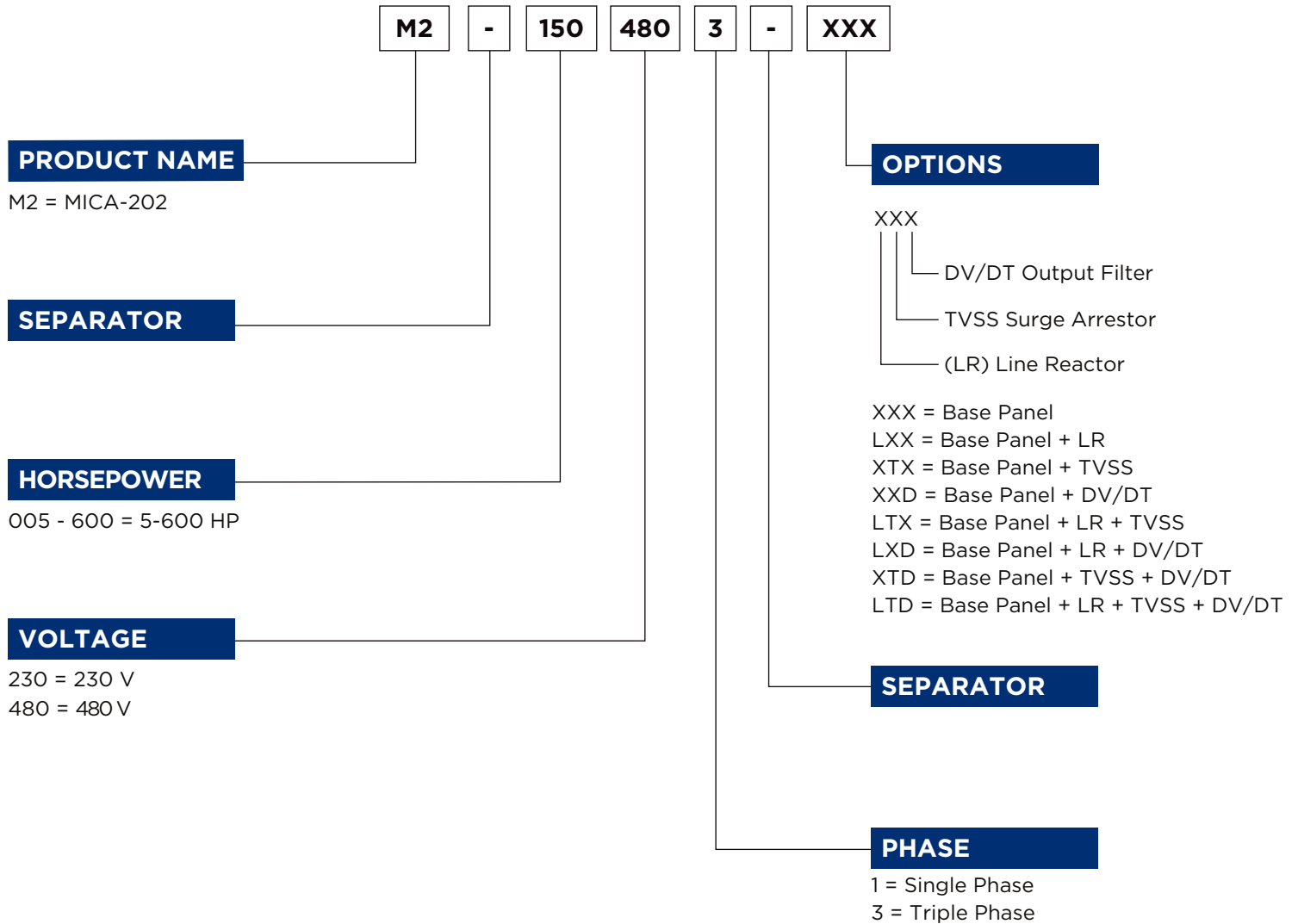
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Priced throughout is in U.S. dollars. Prices are subject to change without notice.

MICA

PART NUMBERING SYSTEM



W-SERIES BASIC TO MICA-202 CONVERSION CHART

W-Series Basic

MICA-202 Base No Option

NEMA 3R Panel, 1Ø, 230 VAC

Base Part No.	HP	Amps	Dimensions
W0052313RS	5	16.7	36" X 30" X 12" Wall Mount
W0072313RS	7.5	24.2	36" X 30" X 12" Wall Mount
W0102313RS	10	30.8	42" X 36" X 12" Wall Mount
W0202313RS	15-20	59.4	42" X 36" X 12" Wall Mount
W0302313RS	25-30	88	42" X 36" X 12" Wall Mount

NEMA 3R Panel, 1Ø, 480 VAC

Base Part No.	HP	Amps	Dimensions
W0104813RS	5-10	15	36" X 30" X 12" Wall Mount
W0154813RS	15	21	42" X 36" X 12" Wall Mount
W0254813RS	20-25	34	42" X 36" X 12" Wall Mount
W0504813RS	30-50	65	42" X 36" X 12" Wall Mount

NEMA 3R Panel, 3Ø, 230 VAC

Base Part No.	HP	Amps	Dimensions
W0052333RS	5	16.7	36" X 30" X 12" Wall Mount
W0072333RS	7.5	24.2	36" X 30" X 12" Wall Mount
W0102333RS	10	30.8	36" X 30" X 12" Wall Mount
W0152333RS	15	46.2	42" X 36" X 12" Wall Mount
W0202333RS	20	59.4	42" X 36" X 12" Wall Mount
W0252333RS	25	74.8	42" X 36" X 12" Wall Mount
W0302333RS	30	88	42" X 36" X 12" Wall Mount
W0402333RS	40	115	42" X 36" X 12" Wall Mount
W0502333RS	50	143	42" X 36" X 12" Wall Mount
W0602333RS	60	170	42" X 36" X 12" Wall Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part No.	HP	Amps	Dimensions
W0054833RS	5	8.2	36" X 30" X 12" Wall Mount
W0074833RS	7.5	11	36" X 30" X 12" Wall Mount
W0104833RS	10	14	36" X 30" X 12" Wall Mount
W0154833RS	15	21	36" X 30" X 12" Wall Mount
W0204833RS	20	27	36" X 30" X 12" Wall Mount
W0254833RS	25	34	36" X 30" X 12" Wall Mount
W0304833RS	30	40	42" X 36" X 12" Wall Mount
W0404833RS	40	52	42" X 36" X 12" Wall Mount
W0504833RS	50	65	42" X 36" X 12" Wall Mount
W0604833RS	60	77	42" X 36" X 12" Wall Mount
W0754833RS	75	105	42" X 36" X 12" Wall Mount

NEMA 3R Panel, 1Ø, 230 VAC

Base Part No.	HP	Amps	Dimensions
M2-0052301-XXX	5	16.7	42" X 38" X 16" Wall Mount
M2-0072301-XXX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102301-XXX	10	30.8	42" X 38" X 16" Wall Mount
M2-0202301-XXX	15-20	59.4	48" X 44" X 16" Wall Mount
M2-0302301-XXX	25-30	88	84" X 44" X 16" Wall Mount

NEMA 3R Panel, 1Ø, 480 VAC

Base Part No.	HP	Amps	Dimensions
M2-0104801-XXX	5-10	15	42" X 38" X 16" Wall Mount
M2-0154801-XXX	15	21	42" X 38" X 16" Wall Mount
M2-0254801-XXX	20-25	34	48" X 44" X 16" Wall Mount
M2-0504801-XXX	30-50	65	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 230 VAC

Base Part No.	HP	Amps	Dimensions
M2-0052303-XXX	5	16.7	30" X 24" X 12" Wall Mount
M2-0072303-XXX	7.5	24.2	42" X 30" X 16" Wall Mount
M2-0102303-XXX	10	30.8	42" X 30" X 16" Wall Mount
M2-0152303-XXX	15	46.2	42" X 30" X 16" Wall Mount
M2-0202303-XXX	20	59.4	42" X 30" X 16" Wall Mount
M2-0252303-XXX	25	74.8	42" X 30" X 16" Wall Mount
M2-0302303-XXX	30	88	48" X 36" X 16" Wall Mount
M2-0402303-XXX	40	115	48" X 36" X 16" Wall Mount
M2-0502303-XXX	50	143	84" X 36" X 16" Floor Mount
M2-0602303-XXX	60	170	84" X 36" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part No.	HP	Amps	Dimensions
M2-0054803-XXX	5	8.2	30" X 24" X 12" Wall Mount
M2-0074803-XXX	7.5	11	30" X 24" X 12" Wall Mount
M2-0104803-XXX	10	14	30" X 24" X 12" Wall Mount
M2-0154803-XXX	15	21	42" X 30" X 16" Wall Mount
M2-0204803-XXX	20	27	42" X 30" X 16" Wall Mount
M2-0254803-XXX	25	34	42" X 30" X 16" Wall Mount
M2-0304803-XXX	30	40	42" X 30" X 16" Wall Mount
M2-0404803-XXX	40	52	42" X 30" X 16" Wall Mount
M2-0504803-XXX	50	65	42" X 30" X 16" Wall Mount
M2-0604803-XXX	60	77	48" X 36" X 16" Wall Mount
M2-0754803-XXX	75	105	48" X 36" X 16s" Wall Mount

W-SERIES BASIC TO MICA-202 CONVERSION CHART (CONT.)

MICA-202 Base No Option

NEMA 3R Panel, 3Ø, 480 VAC			
Base Part No.	HP	Amps	Dimensions
W1004833RS	100	130	42" X 36" X 12" Wall Mount
W1254833RS	125	160	42" X 36" X 12" Wall Mount
W1504833RS	150	190	72" X 36" X 16" Floor Mount
W2004833RS	200	240	72" X 36" X 16" Floor Mount
W2504833RS	250	303	72" X 36" X 16" Floor Mount
W3004833RS	300	361	60" X 60" X 18" Floor Mount
W3504833RS	350	443	60" X 60" X 18" Floor Mount
W4504833RS	450	540	60" X 60" X 18" Floor Mount
W5004833RS	500	590	72" X 60" X 24" Floor Mount

MICA-202 Base No Option

NEMA 3R Panel, 3Ø, 480 VAC			
Base Part No.	HP	Amps	Dimensions
M2-1004803-XXX	100	130	84" X 36" X 16" Floor Mount
M2-1254803-XXX	125	160	84" X 36" X 16" Floor Mount
M2-1504803-XXX	150	190	84" X 36" X 16" Floor Mount
M2-2004803-XXX	200	240	84" X 36" X 16" Floor Mount
M2-2504803-XXX	250	303	84" X 36" X 16" Floor Mount
M2-3004803-XXX	300	361	72" X 48" X 18" Floor Mount
M2-3504803-XXX	350	443	72" X 48" X 18" Floor Mount
M2-4504803-XXX	450	540	84" X 60" X 18" Floor Mount
M2-5004803-XXX	500	590	84" X 60" X 24" Floor Mount

W-SERIES WITH LINE REACTOR TO MICA-202 CONVERSION CHART

W-Series with Line Reactor

NEMA 3R Panel, 3Ø, 230 VAC

Base Part No.	HP	Amps	Dimensions
W0052333RCHSFXIXX02	5	16.7	36" X 30" X 12" Wall Mount
W0072333RCHSFXIXX02	7.5	24.2	36" X 30" X 12" Wall Mount
W0102333RCHSFXIXX02	10	30.8	36" X 30" X 12" Wall Mount
W0152333RCHSFXIXX02	15	46.2	36" X 30" X 12" Wall Mount
W0202333RCHSFXIXX02	20	59.4	48" X 36" X 12" Wall Mount
W0252333RCHSFXIXX02	25	74.8	48" X 36" X 12" Wall Mount
W0302333RCHSFXIXX02	30	88	48" X 36" X 12" Wall Mount
W0402333RCHSFXIXX02	40	115	48" X 36" X 12" Wall Mount
W0502333RCHSFXIXX02	50	143	48" X 36" X 16" Wall Mount
W0602333RCHSFXIXX02	60	170	48" X 36" X 16" Wall Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part No.	HP	Amps	Dimensions
W0054833RCHSFXIXX02	5	8.2	36" X 30" X 12" Wall Mount
W0074833RCHSFXIXX02	7.5	11	36" X 30" X 12" Wall Mount
W0104833RCHSFXIXX02	10	14	36" X 30" X 12" Wall Mount
W0154833RCHSFXIXX02	15	21	36" X 30" X 12" Wall Mount
W0204833RCHSFXIXX02	20	27	36" X 30" X 12" Wall Mount
W0254833RCHSFXIXX02	25	34	36" X 30" X 12" Wall Mount
W0304833RCHSFXIXX02	30	40	48" X 36" X 12" Wall Mount
W0404833RCHSFXIXX02	40	52	48" X 36" X 12" Wall Mount
W0504833RCHSFXIXX02	50	65	48" X 36" X 12" Wall Mount
W0604833RCHSFXIXX02	60	77	48" X 36" X 12" Wall Mount
W0754833RCHSFXIXX02	75	105	48" X 36" X 12" Wall Mount
W1004833RCHSFXIXX02	100	130	48" X 36" X 16" Wall Mount
W1254833RCHSFXIXX02	125	160	48" X 36" X 16" Wall Mount
W1504833RCVDFIXX02	150	190	72" X 36" X 16" Floor Mount
W2004833RCVDFIXX02	200	240	72" X 36" X 16" Floor Mount
W2504833RCVDFIXX02	250	303	72" X 36" X 16" Floor Mount
W3004833RCVDFIXX02	300	361	60" X 60" X 18" Floor Mount
W3504833RCVDFIXX02	350	443	60" X 60" X 18" Floor Mount
W4504833RCVDFIXX02	450	540	60" X 60" X 18" Floor Mount
W5004833RCVDFIXX02	500	590	72" X 60" X 24" Floor Mount

MICA-202 with Line Reactor

NEMA 3R Panel, 3Ø, 230 VAC

Base Part No.	HP	Amps	Dimensions
M2-0052303-LXX	5	16.7	30" X 32" X 12" Wall Mount
M2-0072303-LXX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102303-LXX	10	30.8	42" X 38" X 16" Wall Mount
M2-0152303-LXX	15	46.2	42" X 38" X 16" Wall Mount
M2-0202303-LXX	20	59.4	42" X 38" X 16" Wall Mount
M2-0252303-LXX	25	74.8	42" X 38" X 16" Wall Mount
M2-0302303-LXX	30	88	48" X 44" X 16" Wall Mount
M2-0402303-LXX	40	115	48" X 44" X 16" Wall Mount
M2-0502303-LXX	50	143	84" X 44" X 16" Floor Mount
M2-0602303-LXX	60	170	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part No.	HP	Amps	Dimensions
M2-0054803-LXX	5	8.2	30" X 32" X 12" Wall Mount
M2-0074803-LXX	7.5	11	42" X 38" X 16" Wall Mount
M2-0104803-LXX	10	14	42" X 38" X 16" Wall Mount
M2-0154803-LXX	15	21	42" X 38" X 16" Wall Mount
M2-0204803-LXX	20	27	42" X 38" X 16" Wall Mount
M2-0254803-LXX	25	34	42" X 38" X 16" Wall Mount
M2-0304803-LXX	30	40	42" X 38" X 16" Wall Mount
M2-0404803-LXX	40	52	42" X 38" X 16" Wall Mount
M2-0504803-LXX	50	65	42" X 38" X 16" Wall Mount
M2-0604803-LXX	60	77	48" X 44" X 16" Wall Mount
M2-0754803-LXX	75	105	48" X 44" X 16" Wall Mount
M2-1004803-LXX	100	130	84" X 44" X 16" Floor Mount
M2-1254803-LXX	125	160	84" X 44" X 16" Floor Mount
M2-1504803-LXX	150	190	84" X 44" X 24" Floor Mount
M2-2004803-LXX	200	240	84" X 44" X 24" Floor Mount
M2-2504803-LXX	250	303	84" X 44" X 24" Floor Mount
M2-3004803-LXX	300	361	72" X 56" X 26" Floor Mount
M2-3504803-LXX	350	443	72" X 56" X 26" Floor Mount
M2-4504803-LXX	450	540	72" X 56" X 26" Floor Mount
M2-5004803-LXX	500	590	84" X 68" X 32" Floor Mount

D-SERIES BASIC TO MICA-202 CONVERSION CHART

D-Series Basic

NEMA 3R Panel, 1Ø, 230 VAC

Base Part No.	HP	Amps	Dimensions
D0052313RS	5	16.7	48" X 30" X 16" Wall Mount
D0072313RS	7.5	24.2	48" X 30" X 16" Wall Mount
D0102313RS	10	30.8	48" X 30" X 16" Wall Mount
D0202313RS	15-20	59.4	60" X 36" X 16" Floor Mount
D0302313RS	25-30	88	60" X 36" X 16" Floor Mount

NEMA 3R Panel, 1Ø, 480 VAC

Base Part No.	HP	Amps	Dimensions
D0104813RS	5-10	15	48" X 30" X 16" Wall Mount
D0154813RS	15	21	48" X 30" X 16" Wall Mount
D0254813RS	20-25	34	60" X 36" X 16" Floor Mount
D0504813RS	30-50	65	60" X 36" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 230 VAC

Base Part No.	HP	Amps	Dimensions
D0052333RS	5	16.7	36" X 24" X 16" Wall Mount
D0072333RS	7.5	24.2	48" X 36" X 16" Wall Mount
D0102333RS	10	30.8	48" X 36" X 16" Wall Mount
D0152333RS	15	46.2	48" X 36" X 16" Wall Mount
D0202333RS	20	59.4	48" X 36" X 16" Wall Mount
D0252333RS	25	74.8	48" X 36" X 16" Wall Mount
D0302333RS	30	88	48" X 36" X 16" Wall Mount
D0402333RS	40	115	48" X 36" X 16" Wall Mount
D0502333RS	50	143	60" X 36" X 16" Floor Mount
D0602333RS	60	170	60" X 36" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part No.	HP	Amps	Dimensions
D0054833RS	5	8.2	36" X 24" X 16" Wall Mount
D0074833RS	7.5	11	36" X 24" X 16" Wall Mount
D0104833RS	10	14	36" X 30" X 12" Wall Mount
D0154833RS	15	21	48" X 36" X 16" Wall Mount
D0204833RS	20	27	48" X 36" X 16" Wall Mount
D0254833RS	25	34	48" X 36" X 16" Wall Mount
D0304833RS	30	40	48" X 36" X 16" Wall Mount
D0404833RS	40	52	48" X 36" X 16" Wall Mount
D0504833RS	50	65	48" X 36" X 16" Wall Mount
D0604833RS	60	77	48" X 36" X 16" Wall Mount
D0754833RS	75	105	48" X 36" X 16" Wall Mount

MICA-202 Base No Option

NEMA 3R Panel, 1Ø, 230 VAC

Base Part No.	HP	Amps	Dimensions
M2-0052301-XXX	5	16.7	42" X 38" X 16" Wall Mount
M2-0072301-XXX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102301-XXX	10	30.8	42" X 38" X 16" Wall Mount
M2-0202301-XXX	15-20	59.4	48" X 44" X 16" Wall Mount
M2-0302301-XXX	25-30	88	84" X 44" X 16" Wall Mount

NEMA 3R Panel, 1Ø, 480 VAC

Base Part No.	HP	Amps	Dimensions
M2-0104801-XXX	5-10	15	42" X 38" X 16" Wall Mount
M2-0154801-XXX	15	21	42" X 38" X 16" Wall Mount
M2-0254801-XXX	20-25	34	48" X 44" X 16" Wall Mount
M2-0504801-XXX	30-50	65	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 230 VAC

Base Part No.	HP	Amps	Dimensions
M2-0052303-XXX	5	16.7	30" X 32" X 12" Wall Mount
M2-0072303-XXX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102303-XXX	10	30.8	42" X 38" X 16" Wall Mount
M2-0152303-XXX	15	46.2	42" X 38" X 16" Wall Mount
M2-0202303-XXX	20	59.4	42" X 38" X 16" Wall Mount
M2-0252303-XXX	25	74.8	42" X 38" X 16" Wall Mount
M2-0302303-XXX	30	88	48" X 44" X 16" Wall Mount
M2-0402303-XXX	40	115	48" X 44" X 16" Wall Mount
M2-0502303-XXX	50	143	84" X 44" X 16" Floor Mount
M2-0602303-XXX	60	170	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part No.	HP	Amps	Dimensions
M2-0054803-XXX	5	8.2	30" X 32" X 12" Wall Mount
M2-0074803-XXX	7.5	11	42" X 38" X 16" Wall Mount
M2-0104803-XXX	10	14	42" X 38" X 16" Wall Mount
M2-0154803-XXX	15	21	42" X 38" X 16" Wall Mount
M2-0204803-XXX	20	27	42" X 38" X 16" Wall Mount
M2-0254803-XXX	25	34	42" X 38" X 16" Wall Mount
M2-0304803-XXX	30	40	42" X 38" X 16" Wall Mount
M2-0404803-XXX	40	52	42" X 38" X 16" Wall Mount
M2-0504803-XXX	50	65	42" X 38" X 16" Wall Mount
M2-0604803-XXX	60	77	48" X 44" X 16" Wall Mount
M2-0754803-XXX	75	105	48" X 44" X 16" Wall Mount

D-SERIES BASIC TO MICA-202 CONVERSION CHART (CONT.)

D-Series Basic

NEMA 3R Panel, 3Ø, 480 VAC			
Base Part No.	HP	Amps	Dimensions
D1004833RS	100	130	60" X 36" X 16" Floor Mount
D1254833RS	125	160	60" X 36" X 16" Floor Mount
D1504833RS	150	190	60" X 36" X 16" Floor Mount
D2004833RS	200	240	60" X 36" X 16" Floor Mount
D2504833RS	250	303	60" X 36" X 16" Floor Mount
D3004833RS	300	361	60" X 48" X 18" Floor Mount
D3504833RS	350	443	60" X 48" X 18" Floor Mount
D4504833RS	450	540	60" X 48" X 18" Floor Mount
D5004833RS	500	590	72" X 60" X 24" Floor Mount

MICA-202 Base No Option

NEMA 3R Panel, 3Ø, 480 VAC			
Base Part No.	HP	Amps	Dimensions
M2-1004803-XXX	100	130	84" X 44" X 16" Floor Mount
M2-1254803-XXX	125	160	84" X 44" X 16" Floor Mount
M2-1504803-XXX	150	190	84" X 44" X 24" Floor Mount
M2-2004803-XXX	200	240	84" X 44" X 24" Floor Mount
M2-2504803-XXX	250	303	84" X 44" X 24" Floor Mount
M2-3004803-XXX	300	361	72" X 56" X 26" Floor Mount
M2-3504803-XXX	350	443	72" X 56" X 26" Floor Mount
M2-4504803-XXX	450	540	72" X 56" X 26" Floor Mount
M2-5004803-XXX	500	590	84" X 68" X 32" Floor Mount

MICA-202 Base Unit

NEMA 3R Panel, 1Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052301-XXX	5	16.7	42" X 38" X 16" Wall Mount
M2-0072301-XXX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102301-XXX	10	30.8	42" X 38" X 16" Wall Mount
M2-0202301-XXX	15-20	59.4	48" X 44" X 16" Wall Mount
M2-0302301-XXX	25-30	88	84" X 44" X 16" Wall Mount

NEMA 3R Panel, 1Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0104801-XXX	5-10	15	42" X 38" X 16" Wall Mount
M2-0154801-XXX	15	21	42" X 38" X 16" Wall Mount
M2-0254801-XXX	20-25	34	48" X 44" X 16" Wall Mount
M2-0504801-XXX	30-50	65	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052303-XXX	5	16.7	30" X 32" X 12" Wall Mount
M2-0072303-XXX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102303-XXX	10	30.8	42" X 38" X 16" Wall Mount
M2-0152303-XXX	15	46.2	42" X 38" X 16" Wall Mount
M2-0202303-XXX	20	59.4	42" X 38" X 16" Wall Mount
M2-0252303-XXX	25	74.8	42" X 38" X 16" Wall Mount
M2-0302303-XXX	30	88	48" X 44" X 16" Wall Mount
M2-0402303-XXX	40	115	48" X 44" X 16" Wall Mount
M2-0502303-XXX	50	143	84" X 44" X 16" Floor Mount
M2-0602303-XXX	60	170	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0054803-XXX	5	8.2	30" X 32" X 12" Wall Mount
M2-0074803-XXX	7.5	11	42" X 38" X 16" Wall Mount
M2-0104803-XXX	10	14	42" X 38" X 16" Wall Mount
M2-0154803-XXX	15	21	42" X 38" X 16" Wall Mount
M2-0204803-XXX	20	27	42" X 38" X 16" Wall Mount
M2-0254803-XXX	25	34	42" X 38" X 16" Wall Mount
M2-0304803-XXX	30	40	42" X 38" X 16" Wall Mount
M2-0404803-XXX	40	52	42" X 38" X 16" Wall Mount
M2-0504803-XXX	50	65	42" X 38" X 16" Wall Mount
M2-0604803-XXX	60	77	48" X 44" X 16" Wall Mount
M2-0754803-XXX	75	105	48" X 44" X 16" Wall Mount
M2-1004803-XXX	100	130	84" X 44" X 16" Floor Mount
M2-1254803-XXX	125	160	84" X 44" X 16" Floor Mount
M2-1504803-XXX	150	190	84" X 44" X 24" Floor Mount
M2-2004803-XXX	200	240	84" X 44" X 24" Floor Mount

MICA-202 Base Unit (continued)

NEMA 3R Panel, 3Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-2504803-XXX	250	303	84" X 44" X 24" Floor Mount
M2-3004803-XXX	300	361	72" X 56" X 26" Floor Mount
M2-3504803-XXX	350	443	72" X 56" X 26" Floor Mount
M2-4504803-XXX	450	540	72" X 56" X 26" Floor Mount
M2-5004803-XXX	500	590	84" X 68" X 32" Floor Mount
M2-5504803-XXX	550	678	84" X 68" X 32" Floor Mount
M2-6004803-XXX	600	730	84" X 68" X 32" Floor Mount

MICA-202 with Line Reactor

NEMA 3R Panel, 1Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052301-LXX	5	16.7	42" X 38" X 16" Wall Mount
M2-0072301-LXX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102301-LXX	10	30.8	42" X 38" X 16" Wall Mount
M2-0202301-LXX	15-20	59.4	48" X 44" X 16" Wall Mount
M2-0202301-LXX	25-30	88	84" X 44" X 16" Wall Mount

NEMA 3R Panel, 1Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0104801-LXX	5-10	15	42" X 38" X 16" Wall Mount
M2-0154801-LXX	15	21	42" X 38" X 16" Wall Mount
M2-0254801-LXX	20-25	34	48" X 44" X 16" Wall Mount
M2-0504801-LXX	30-50	65	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052303-LXX	5	16.7	30" X 32" X 12" Wall Mount
M2-0072303-LXX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102303-LXX	10	30.8	42" X 38" X 16" Wall Mount
M2-0152303-LXX	15	46.2	42" X 38" X 16" Wall Mount
M2-0202303-LXX	20	59.4	42" X 38" X 16" Wall Mount
M2-0252303-LXX	25	74.8	42" X 38" X 16" Wall Mount
M2-0302303-LXX	30	88	48" X 44" X 16" Wall Mount
M2-0402303-LXX	40	115	48" X 44" X 16" Wall Mount
M2-0502303-LXX	50	143	84" X 44" X 16" Floor Mount
M2-0602303-LXX	60	170	84" X 44" X 16" Floor Mount

MICA-202 with Line Reactor (continued)

NEMA 3R Panel, 3Ø, 480 VAC			
Base Part Number	HP	Amps	Dimensions
M2-0054803-LXX	5	8.2	30" X 32" X 12" Wall Mount
M2-0074803-LXX	7.5	11	42" X 38" X 16" Wall Mount
M2-0104803-LXX	10	14	42" X 38" X 16" Wall Mount
M2-0154803-LXX	15	21	42" X 38" X 16" Wall Mount
M2-0204803-LXX	20	27	42" X 38" X 16" Wall Mount
M2-0254803-LXX	25	34	42" X 38" X 16" Wall Mount
M2-0304803-LXX	30	40	42" X 38" X 16" Wall Mount
M2-0404803-LXX	40	52	42" X 38" X 16" Wall Mount
M2-0504803-LXX	50	65	42" X 38" X 16" Wall Mount
M2-0604803-LXX	60	77	48" X 44" X 16" Wall Mount
M2-0754803-LXX	75	105	48" X 44" X 16" Wall Mount
M2-1004803-LXX	100	130	84" X 44" X 16" Floor Mount
M2-1254803-LXX	125	160	84" X 44" X 16" Floor Mount
M2-1504803-LXX	150	190	84" X 44" X 24" Floor Mount
M2-2004803-LXX	200	240	84" X 44" X 24" Floor Mount
M2-2504803-LXX	250	303	84" X 44" X 24" Floor Mount
M2-3004803-LXX	300	361	72" X 56" X 26" Floor Mount
M2-3504803-LXX	350	443	72" X 56" X 26" Floor Mount
M2-4504803-LXX	450	540	72" X 56" X 26" Floor Mount
M2-5004803-LXX	500	590	84" X 68" X 32" Floor Mount
M2-5504803-LXX	550	678	84" X 68" X 32" Floor Mount
M2-6004803-LXX	600	730	84" X 68" X 32" Floor Mount

MICA-202 with TVSS Surge Arrestor

NEMA 3R Panel, 1Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052301-XTX	5	16.7	42" X 38" X 16" Wall Mount
M2-0072301-XTX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102301-XTX	10	30.8	42" X 38" X 16" Wall Mount
M2-0202301-XTX	15-20	59.4	48" X 44" X 16" Wall Mount
M2-0302301-XTX	25-30	88	84" X 44" X 16" Wall Mount

NEMA 3R Panel, 1Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0104801-XTX	5-10	15	42" X 38" X 16" Wall Mount
M2-0154801-XTX	15	21	42" X 38" X 16" Wall Mount
M2-0254801-XTX	20-25	34	48" X 44" X 16" Wall Mount
M2-0504801-XTX	30-50	65	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052303-XTX	5	16.7	30" X 32" X 12" Wall Mount
M2-0072303-XTX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102303-XTX	10	30.8	42" X 38" X 16" Wall Mount
M2-0152303-XTX	15	46.2	42" X 38" X 16" Wall Mount
M2-0202303-XTX	20	59.4	42" X 38" X 16" Wall Mount
M2-0252303-XTX	25	74.8	42" X 38" X 16" Wall Mount
M2-0302303-XTX	30	88	48" X 44" X 16" Wall Mount
M2-0402303-XTX	40	115	48" X 44" X 16" Wall Mount
M2-0502303-XTX	50	143	84" X 44" X 16" Floor Mount
M2-0602303-XTX	60	170	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0054803-XTX	5	8.2	30" X 32" X 12" Wall Mount
M2-0074803-XTX	7.5	11	42" X 38" X 16" Wall Mount
M2-0104803-XTX	10	14	42" X 38" X 16" Wall Mount
M2-0154803-XTX	15	21	42" X 38" X 16" Wall Mount
M2-0204803-XTX	20	27	42" X 38" X 16" Wall Mount
M2-0254803-XTX	25	34	42" X 38" X 16" Wall Mount
M2-0304803-XTX	30	40	42" X 38" X 16" Wall Mount
M2-0404803-XTX	40	52	42" X 38" X 16" Wall Mount
M2-0504803-XTX	50	65	42" X 38" X 16" Wall Mount
M2-0604803-XTX	60	77	48" X 44" X 16" Wall Mount
M2-0754803-XTX	75	105	48" X 44" X 16" Wall Mount
M2-1004803-XTX	100	130	84" X 44" X 16" Floor Mount
M2-1254803-XTX	125	160	84" X 44" X 16" Floor Mount
M2-1504803-XTX	150	190	84" X 44" X 24" Floor Mount
M2-2004803-XTX	200	240	84" X 44" X 24" Floor Mount

MICA-202 with TVSS Surge Arrestor (continued)

NEMA 3R Panel, 3Ø, 480 VAC			
Base Part Number	HP	Amps	Dimensions
M2-2504803-XTX	250	303	84" X 44" X 24" Floor Mount
M2-3004803-XTX	300	361	72" X 56" X 26" Floor Mount
M2-3504803-XTX	350	443	72" X 56" X 26" Floor Mount
M2-4504803-XTX	450	540	72" X 56" X 26" Floor Mount
M2-5004803-XTX	500	590	84" X 68" X 32" Floor Mount
M2-5504803-XTX	550	678	84" X 68" X 32" Floor Mount
M2-6004803-XTX	600	730	84" X 68" X 32" Floor Mount

MICA-202 with Line Reactor and TVSS Surge Arrestor

NEMA 3R Panel, 1Ø, 230 VAC			
Base Part Number	HP	Amps	Dimensions
M2-0052301-LTX	5	16.7	42" X 38" X 16" Wall Mount
M2-0072301-LTX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102301-LTX	10	30.8	42" X 38" X 16" Wall Mount
M2-0202301-LTX	15-20	59.4	48" X 44" X 16" Wall Mount
M2-0202301-LTX	25-30	88	84" X 44" X 16" Wall Mount

NEMA 3R Panel, 1Ø, 480 VAC			
Base Part Number	HP	Amps	Dimensions
M2-0104801-LTX	5-10	15	42" X 38" X 16" Wall Mount
M2-0154801-LTX	15	21	42" X 38" X 16" Wall Mount
M2-0254801-LTX	20-25	34	48" X 44" X 16" Wall Mount
M2-0504801-LTX	30-50	65	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 230 VAC			
Base Part Number	HP	Amps	Dimensions
M2-0052303-LTX	5	16.7	30" X 32" X 12" Wall Mount
M2-0072303-LTX	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102303-LTX	10	30.8	42" X 38" X 16" Wall Mount
M2-0152303-LTX	15	46.2	42" X 38" X 16" Wall Mount
M2-0202303-LTX	20	59.4	42" X 38" X 16" Wall Mount
M2-0252303-LTX	25	74.8	42" X 38" X 16" Wall Mount
M2-0302303-LTX	30	88	48" X 44" X 16" Wall Mount
M2-0402303-LTX	40	115	48" X 44" X 16" Wall Mount
M2-0502303-LTX	50	143	84" X 44" X 16" Floor Mount
M2-0602303-LTX	60	170	84" X 44" X 16" Floor Mount

MICA-202 with Line Reactor and TVSS Surge Arrestor (continued)

NEMA 3R Panel, 3Ø, 480 VAC			
Base Part Number	HP	Amps	Dimensions
M2-0054803-LTX	5	8.2	30" X 32" X 12" Wall Mount
M2-0074803-LTX	7.5	11	42" X 38" X 16" Wall Mount
M2-0104803-LTX	10	14	42" X 38" X 16" Wall Mount
M2-0154803-LTX	15	21	42" X 38" X 16" Wall Mount
M2-0204803-LTX	20	27	42" X 38" X 16" Wall Mount
M2-0254803-LTX	25	34	42" X 38" X 16" Wall Mount
M2-0304803-LTX	30	40	42" X 38" X 16" Wall Mount
M2-0404803-LTX	40	52	42" X 38" X 16" Wall Mount
M2-0504803-LTX	50	65	42" X 38" X 16" Wall Mount
M2-0604803-LTX	60	77	48" X 44" X 16" Wall Mount
M2-0754803-LTX	75	105	48" X 44" X 16" Wall Mount
M2-1004803-LTX	100	130	84" X 44" X 16" Floor Mount
M2-1254803-LTX	125	160	84" X 44" X 16" Floor Mount
M2-1504803-LTX	150	190	84" X 44" X 24" Floor Mount
M2-2004803-LTX	200	240	84" X 44" X 24" Floor Mount
M2-2504803-LTX	250	303	84" X 44" X 24" Floor Mount
M2-3004803-LTX	300	361	72" X 56" X 26" Floor Mount
M2-3504803-LTX	350	443	72" X 56" X 26" Floor Mount
M2-4504803-LTX	450	540	72" X 56" X 26" Floor Mount
M2-5004803-LTX	500	590	84" X 68" X 32" Floor Mount
M2-5504803-LTX	550	678	84" X 68" X 32" Floor Mount
M2-6004803-LTX	600	730	84" X 68" X 32" Floor Mount

MICA-202 with DV/DT Output Filter

NEMA 3R Panel, 1Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052301-XXD	5	16.7	42" X 38" X 16" Wall Mount
M2-0072301-XXD	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102301-XXD	10	30.8	42" X 38" X 16" Wall Mount
M2-0202301-XXD	15-20	59.4	48" X 44" X 16" Wall Mount
M2-0302301-XXD	25-30	88	84" X 44" X 16" Wall Mount

NEMA 3R Panel, 1Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0104801-XXD	5-10	15	42" X 38" X 16" Wall Mount
M2-0154801-XXD	15	21	42" X 38" X 16" Wall Mount
M2-0254801-XXD	20-25	34	48" X 44" X 16" Wall Mount
M2-0504801-XXD	30-50	65	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052303-XXD	5	16.7	30" X 32" X 12" Wall Mount
M2-0072303-XXD	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102303-XXD	10	30.8	42" X 38" X 16" Wall Mount
M2-0152303-XXD	15	46.2	42" X 38" X 16" Wall Mount
M2-0202303-XXD	20	59.4	42" X 38" X 16" Wall Mount
M2-0252303-XXD	25	74.8	42" X 38" X 16" Wall Mount
M2-0302303-XXD	30	88	48" X 44" X 16" Wall Mount
M2-0402303-XXD	40	115	48" X 44" X 16" Wall Mount
M2-0502303-XXD	50	143	84" X 44" X 16" Floor Mount
M2-0602303-XXD	60	170	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0054803-XXD	5	8.2	30" X 32" X 12" Wall Mount
M2-0074803-XXD	7.5	11	42" X 38" X 16" Wall Mount
M2-0104803-XXD	10	14	42" X 38" X 16" Wall Mount
M2-0154803-XXD	15	21	42" X 38" X 16" Wall Mount
M2-0204803-XXD	20	27	42" X 38" X 16" Wall Mount
M2-0254803-XXD	25	34	42" X 38" X 16" Wall Mount
M2-0304803-XXD	30	40	42" X 38" X 16" Wall Mount
M2-0404803-XXD	40	52	42" X 38" X 16" Wall Mount
M2-0504803-XXD	50	65	42" X 38" X 16" Wall Mount
M2-0604803-XXD	60	77	48" X 44" X 16" Wall Mount
M2-0754803-XXD	75	105	48" X 44" X 16" Wall Mount
M2-1004803-XXD	100	130	84" X 44" X 16" Floor Mount
M2-1254803-XXD	125	160	84" X 44" X 16" Floor Mount
M2-1504803-XXD	150	190	84" X 44" X 24" Floor Mount
M2-2004803-XXD	200	240	84" X 44" X 24" Floor Mount

MICA-202 with Line Reactor and DV/DT Output Filter

NEMA 3R Panel, 1Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052301-LXD	5	16.7	42" X 38" X 16" Wall Mount
M2-0072301-LXD	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102301-LXD	10	30.8	42" X 38" X 16" Wall Mount
M2-0202301-LXD	15-20	59.4	48" X 44" X 16" Wall Mount
M2-0202301-LXD	25-30	88	84" X 44" X 16" Wall Mount

NEMA 3R Panel, 1Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0104801-LXD	5-10	15	42" X 38" X 16" Wall Mount
M2-0154801-LXD	15	21	42" X 38" X 16" Wall Mount
M2-0254801-LXD	20-25	34	48" X 44" X 16" Wall Mount
M2-0504801-LXD	30-50	65	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052303-LXD	5	16.7	30" X 32" X 12" Wall Mount
M2-0072303-LXD	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102303-LXD	10	30.8	42" X 38" X 16" Wall Mount
M2-0152303-LXD	15	46.2	42" X 38" X 16" Wall Mount
M2-0202303-LXD	20	59.4	42" X 38" X 16" Wall Mount
M2-0252303-LXD	25	74.8	42" X 38" X 16" Wall Mount
M2-0302303-LXD	30	88	48" X 44" X 16" Wall Mount
M2-0402303-LXD	40	115	48" X 44" X 16" Wall Mount
M2-0502303-LXD	50	143	84" X 44" X 16" Floor Mount
M2-0602303-LXD	60	170	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0054803-LXD	5	8.2	30" X 32" X 12" Wall Mount
M2-0074803-LXD	7.5	11	42" X 38" X 16" Wall Mount
M2-0104803-LXD	10	14	42" X 38" X 16" Wall Mount
M2-0154803-LXD	15	21	42" X 38" X 16" Wall Mount
M2-0204803-LXD	20	27	42" X 38" X 16" Wall Mount
M2-0254803-LXD	25	34	42" X 38" X 16" Wall Mount
M2-0304803-LXD	30	40	42" X 38" X 16" Wall Mount
M2-0404803-LXD	40	52	42" X 38" X 16" Wall Mount
M2-0504803-LXD	50	65	42" X 38" X 16" Wall Mount
M2-0604803-LXD	60	77	48" X 44" X 16" Wall Mount
M2-0754803-LXD	75	105	48" X 44" X 16" Wall Mount
M2-1004803-LXD	100	130	84" X 44" X 16" Floor Mount
M2-1254803-LXD	125	160	84" X 44" X 16" Floor Mount
M2-1504803-LXD	150	190	84" X 44" X 24" Floor Mount
M2-2004803-LXD	200	240	84" X 44" X 24" Floor Mount

MICA-202 XTD with TVSS Surge Arrestor and DV/DT Output Filter

NEMA 3R Panel, 1Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052301-XTD	5	16.7	42" X 38" X 16" Wall Mount
M2-0072301-XTD	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102301-XTD	10	30.8	42" X 38" X 16" Wall Mount
M2-0202301-XTD	15-20	59.4	48" X 44" X 16" Wall Mount
M2-0302301-XTD	25-30	88	84" X 44" X 16" Wall Mount

NEMA 3R Panel, 1Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0104801-XTD	5-10	15	42" X 38" X 16" Wall Mount
M2-0154801-XTD	15	21	42" X 38" X 16" Wall Mount
M2-0254801-XTD	20-25	34	48" X 44" X 16" Wall Mount
M2-0504801-XTD	30-50	65	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052303-XTD	5	16.7	30" X 32" X 12" Wall Mount
M2-0072303-XTD	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102303-XTD	10	30.8	42" X 38" X 16" Wall Mount
M2-0152303-XTD	15	46.2	42" X 38" X 16" Wall Mount
M2-0202303-XTD	20	59.4	42" X 38" X 16" Wall Mount
M2-0252303-XTD	25	74.8	42" X 38" X 16" Wall Mount
M2-0302303-XTD	30	88	48" X 44" X 16" Wall Mount
M2-0402303-XTD	40	115	48" X 44" X 16" Wall Mount
M2-0502303-XTD	50	143	84" X 44" X 16" Floor Mount
M2-0602303-XTD	60	170	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0054803-XTD	5	8.2	30" X 32" X 12" Wall Mount
M2-0074803-XTD	7.5	11	42" X 38" X 16" Wall Mount
M2-0104803-XTD	10	14	42" X 38" X 16" Wall Mount
M2-0154803-XTD	15	21	42" X 38" X 16" Wall Mount
M2-0204803-XTD	20	27	42" X 38" X 16" Wall Mount
M2-0254803-XTD	25	34	42" X 38" X 16" Wall Mount
M2-0304803-XTD	30	40	42" X 38" X 16" Wall Mount
M2-0404803-XTD	40	52	42" X 38" X 16" Wall Mount
M2-0504803-XTD	50	65	42" X 38" X 16" Wall Mount
M2-0604803-XTD	60	77	48" X 44" X 16" Wall Mount
M2-0754803-XTD	75	105	48" X 44" X 16" Wall Mount
M2-1004803-XTD	100	130	84" X 44" X 16" Floor Mount
M2-1254803-XTD	125	160	84" X 44" X 16" Floor Mount
M2-1504803-XTD	150	190	84" X 44" X 24" Floor Mount
M2-2004803-XTD	200	240	84" X 44" X 24" Floor Mount

MICA-202 with Line Reactor, TVSS Surge Arrestor, and DV/DT Output Filter

NEMA 3R Panel, 1Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052301-LTD	5	16.7	42" X 38" X 16" Wall Mount
M2-0072301-LTD	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102301-LTD	10	30.8	42" X 38" X 16" Wall Mount
M2-0202301-LTD	15-20	59.4	48" X 44" X 16" Wall Mount
M2-0202301-LTD	25-30	88	84" X 44" X 16" Wall Mount

NEMA 3R Panel, 1Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0104801-LTD	5-10	15	42" X 38" X 16" Wall Mount
M2-0154801-LTD	15	21	42" X 38" X 16" Wall Mount
M2-0254801-LTD	20-25	34	48" X 44" X 16" Wall Mount
M2-0504801-LTD	30-50	65	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 230 VAC

Base Part Number	HP	Amps	Dimensions
M2-0052303-LTD	5	16.7	30" X 32" X 12" Wall Mount
M2-0072303-LTD	7.5	24.2	42" X 38" X 16" Wall Mount
M2-0102303-LTD	10	30.8	42" X 38" X 16" Wall Mount
M2-0152303-LTD	15	46.2	42" X 38" X 16" Wall Mount
M2-0202303-LTD	20	59.4	42" X 38" X 16" Wall Mount
M2-0252303-LTD	25	74.8	42" X 38" X 16" Wall Mount
M2-0302303-LTD	30	88	48" X 44" X 16" Wall Mount
M2-0402303-LTD	40	115	48" X 44" X 16" Wall Mount
M2-0502303-LTD	50	143	84" X 44" X 16" Floor Mount
M2-0602303-LTD	60	170	84" X 44" X 16" Floor Mount

NEMA 3R Panel, 3Ø, 480 VAC

Base Part Number	HP	Amps	Dimensions
M2-0054803-LTD	5	8.2	30" X 32" X 12" Wall Mount
M2-0074803-LTD	7.5	11	42" X 38" X 16" Wall Mount
M2-0104803-LTD	10	14	42" X 38" X 16" Wall Mount
M2-0154803-LTD	15	21	42" X 38" X 16" Wall Mount
M2-0204803-LTD	20	27	42" X 38" X 16" Wall Mount
M2-0254803-LTD	25	34	42" X 38" X 16" Wall Mount
M2-0304803-LTD	30	40	42" X 38" X 16" Wall Mount
M2-0404803-LTD	40	52	42" X 38" X 16" Wall Mount
M2-0504803-LTD	50	65	42" X 38" X 16" Wall Mount
M2-0604803-LTD	60	77	48" X 44" X 16" Wall Mount
M2-0754803-LTD	75	105	48" X 44" X 16" Wall Mount
M2-1004803-LTD	100	130	84" X 44" X 16" Floor Mount
M2-1254803-LTD	125	160	84" X 44" X 16" Floor Mount
M2-1504803-LTD	150	190	84" X 44" X 24" Floor Mount
M2-2004803-LTD	200	240	84" X 44" X 24" Floor Mount

MCD-600 RVSS Panels

Three Phase

NEMA 4 230Volt 3Ø Reduced Voltage Soft Starter Panel

Base Part Number	HP	Amps	Dimensions
M6-0052303-XX	5	21	36" X 30" X 12" Wall Mount
M6-0102303-XX	7.5-10	32	36" X 30" X 12" Wall Mount
M6-0152303-XX	15	48	36" X 30" X 12" Wall Mount
M6-0202303-XX	20	56	36" X 30" X 12" Wall Mount
M6-0252303-XX	25	73	36" X 30" X 12" Wall Mount
M6-0302303-XX	30	84	36" X 30" X 12" Wall Mount
M6-0402303-XX	40	105	36" X 30" X 12" Wall Mount
M6-0502303-XX	50	141	36" X 30" X 12" Wall Mount
M6-0602303-XX	60	160	36" X 30" X 12" Wall Mount
M6-0752303-XX	75	198	36" X 30" X 12" Wall Mount

NEMA 4 480Volt 3Ø Reduced Voltage Soft Starter Panel

Base Part Number	HP	Amps	Dimensions
M6-0104803-XX	10	21	36" X 30" X 12" Wall Mount
M6-0204803-XX	15-20	32	36" X 30" X 12" Wall Mount
M6-0254803-XX	25	40	36" X 30" X 12" Wall Mount
M6-0304803-XX	30	48	36" X 30" X 12" Wall Mount
M6-0404803-XX	40	56	36" X 30" X 12" Wall Mount
M6-0504803-XX	50	73	36" X 30" X 12" Wall Mount
M6-0604803-XX	60	84	36" X 30" X 12" Wall Mount
M6-0754803-XX	75	105	36" X 30" X 12" Wall Mount
M6-1004803-XX	100	141	36" X 30" X 12" Wall Mount
M6-1254803-XX	125	160	36" X 30" X 12" Wall Mount
M6-1504803-XX	150	198	36" X 30" X 12" Wall Mount
M6-2004803-XX	200	270	48" X 36" X 12" Wall Mount
M6-2504803-XX	250	318	48" X 36" X 12" Wall Mount
M6-3004803-XX	300	385	48" X 36" X 12" Wall Mount
M6-3504803-XX	350	440	60" X 36" X 12" Floor Mount
M6-4004803-XX	400	490	60" X 36" X 12" Floor Mount
M6-4504803-XX	450	525	60" X 36" X 12" Floor Mount
M6-5004803-XX	500	596	72" X 36" X 16" Floor Mount
M6-6004803-XX	600	668	72" X 36" X 16" Floor Mount

Note: The above horsepower ratings are for reference only. Unlike motors which have service factors, the drive Amperage ratings are absolute and can not be exceeded for more than 60 seconds. This means that applications that require running in the service factor, like submersibles, may require the next larger size drive.

Note: MCD600 panels now has provision for field installable TVSS Kits



NOTES:

OOB Danfoss FC202 IP21 NEMA 1 VFDs

Single Phase

NEMA 1 VFD, 1Ø Input, 3Ø Output, 230 VAC					
Part Number	HP	Amps	Dimensions	Ship'g Wt (lbs)	HP Code
131G5531	5	16.7	18.9" X 9.5" X 10.3"	50.7	B1
131H8048	7.5	24.2	18.9" X 9.5" X 10.3"	50.7	B1
131H8049	10	30.8	25.6" X 9.5" X 10.2"	59.5	B2
134G0778	20	59.4	26.8" X 12.1" X 12.2"	99.2	C1
134F9796	30	88	30.3" X 14.6" X 13.2"	143.3	C2

NEMA 1 VFD, 1Ø Input, 3Ø Output, 480 VAC					
Part Number	HP	Amps	Dimensions	Ship'g Wt (lbs)	HP Code
131G2905	10	15	18.9" X 9.5" X 10.3"	50.7	B1
134G2205	15	21	25.6" X 9.5" X 10.3"	59.5	B2
134G3979	25	34	26.8" X 12.1" X 12.2"	99.2	C1
134G3980	50	65	30.3" X 14.6" X 13.2"	143.3	C2

Three Phase

NEMA 1 VFD, 3Ø Input, 3Ø Output, 230 VAC					
Part Number	HP	Amps	Dimensions	Ship'g Wt (lbs)	HP Code
131H8714	5	16.7	10.6" X 5.1" X 8.1"	16.5	A3
131B9225	7.5	24.2	18.9" X 9.5" X 10.3"	50.7	B1
131B9238	10	30.8	18.9" X 9.5" X 10.3"	50.7	B1
131B9256	15	46.2	18.9" X 9.5" X 10.3"	50.7	B1
131B9265	20	59.4	25.6" X 9.5" X 10.3"	59.5	B2
131B9273	25	74.8	26.8" X 12.1" X 12.2"	99.2	C1
131B9282	30	88	26.8" X 12.1" X 12.2"	99.2	C1
131B9289	40	115	26.8" X 12.1" X 12.2"	143.3	C1
131B9314	50	143	30.3" X 14.6" X 13.2"	143.3	C2
131B9326	60	170	30.3" X 14.6" X 13.2"	143.3	C2
136U4766	75	190	33.7" X 12.8" X 14.9"	178.6	D1h
136U0019	100	240	33.7" X 12.8" X 14.9"	178.6	D1h
136U4767	125	302	41.7" X 16.5" X 14.9"	276.3	D2h
136U4768	150	361	41.7" X 16.5" X 14.9"	276.3	D2h
136U4769	200	443	41.7" X 16.5" X 14.9"	276.3	D2h

Smaller sizes available upon request

Note: The above horsepower ratings are for reference only. Unlike motors which have service factors, the drive Amperage ratings are absolute and can not be exceeded for more than 60 seconds. This means that applications that require running in the service factor like submersibles may require the next larger size drive.

OOB Danfoss FC202 IP21 NEMA 1 VFDs

Three Phase

NEMA 1 VFD, 3Ø Input, 3Ø Output, 480 VAC					
Part Number	HP	Amps	Dimensions	Ship'g Wt (lbs)	HP Code
131F8616	5	8.2	10.6" X 3.5" X 8.1"	12.2	A2
131F7943	7.5	11	10.6" X 5.1" X 8.1"	16.5	A3
131F0988	10	14.5	10.6" X 5.1" X 8.1"	16.5	A3
131B9531	15	21	18.9" X 9.5" X 10.3"	50.7	B1
131B9004	20	27	18.9" X 9.5" X 10.3"	50.7	B1
131B9011	25	34	18.9" X 9.5" X 10.3"	50.7	B1
131B9019	30	40	25.6" X 9.5" X 10.3"	59.5	B2
131B9034	40	52	25.6" X 9.5" X 10.3"	59.5	B2
131B9041	50	65	26.8" X 12.1" X 12.2"	99.2	C1
131B9048	60	80	26.8" X 12.1" X 12.2"	99.2	C1
131B9056	75	105	26.8" X 12.1" X 12.2"	99.2	C1
131B9066	100	130	30.3" X 14.6" X 13.2"	143.3	C2
131B9073	125	160	30.3" X 14.6" X 13.2"	143.3	C2
134F0367	150	190	33.7" X 12.8" X 14.9"	125.3	D1h
134F0369	200	240	33.7" X 12.8" X 14.9"	125.3	D1h
134F4174	250	302	33.7" X 12.8" X 14.9"	125.3	D1h
134F4179	300	361	41.7" X 16.5" X 14.9"	275.7	D2h
134F4184	350	443	41.7" X 16.5" X 14.9"	275.7	D2h
134F4189	450	540	78.7" X 23.6" X 19.4"	275.7	D2h
135X4361	500	590	78.7" X 23.6" X 19.4"	594.7	E1h
135X6486	550	678	78.7" X 23.6" X 19.4"	594.7	E1h
135U2862	600	730	78.7" X 23.6" X 19.4"	594.7	E1h
136H9121	650	780	80.4" X 27.5" X 19.4"	700	E2h
135X4639	750	890	80.4" X 27.5" X 19.4"	700	E2h

Smaller sizes available upon request

Note: The above horsepower ratings are for reference only. Unlike motors which have service factors, the drive Amperage ratings are absolute and can not be exceeded for more than 60 seconds. This means that applications that require running in the service factor like submersibles may require the next larger size drive.

Galvanized Steel Backplates for NEMA 1, 3R

Part Number	HP Code	Notes
130B3150	A4	
130B1098	A5	
130B3383	B1	
130B3397	B2	
130B4172	B4	
130B3910	C1	
130B3911	C2	
131X2868	C3	
130B4171	C4	

OOB NEMA 1 Accessories Selection Guide

Note: Nema 1 OOB Quick Quote lists common loose option for corresponding drive.

Single Phase

NEMA 1 VFD, 1Ø Input, 3Ø Output, 230 VAC

Drive Part Number	HP	Amps	TVSS in Nema 1 Enclosure	Line Reactor in Nema 1	DV/DT Filter in Nema 1	Sinewave Filter in Nema 1
131G5531	5	16.7	TVSS 240-005-060-N4	KDRD21HE01	V1K16A01	MSD0016B300
131H8048	7.5	24.2	TVSS 240-005-060-N4	KDRD22HE01	V1K25A01	MSD0022B300
131H8049	10	30.8	TVSS 240-005-060-N4	KDRC22HE01	V1K35A01	MSD0028B300
134G0778	20	59.4	TVSS 240-005-060-N4	KDRF26HE01	V1K55A01	MSD0054B300
134F9796	30	88	TVSS 240-005-060-N4	KDRH23HE01	V1K80A01	MSD0080B300

NEMA 1 VFD, 1Ø Input, 3Ø Output, 480 VAC

Drive Part Number	HP	Amps	TVSS in Nema 1 Enclosure	Line Reactor in Nema 1	Load Reactor in Nema 1	DV/DT Filter in Nema 1	Sinewave Filter in Nema 1
131G2905	10	15	TVSS 480-005-125-N4	KDRC1HE01	KDRB1PE01	V1K18A01	MSD0016A300
136G7491	15	21	TVSS 480-005-125-N4	KDRE2HE01	KDRD1PE01	V1K25A01	MSD0023A300
134G3979	25	34	TVSS 480-005-125-N4	KDRF1HE01	KDRD3PE01	V1K35A01	MSD0035A300
134G3980	50	65	TVSS 480-005-125-N4	KDRG3HE01	KDRF1PE01	V1K80A01	MSD0065A300

Note: The above horsepower ratings are for reference only. Unlike motors which have service factors, the drive Amperage ratings are absolute and can not be exceeded for more than 60 seconds. This means that applications that require running in the service factor like submersibles may require the next larger size drive.

Three Phase

NEMA 1 VFD, 3Ø Input, 3Ø Output, 230 VAC						
Drive Part Number	HP	Amps	TVSS in Nema 1/4 Enclosure	Line Reactor in Nema 1	DV/DT Filter in Nema 1	Sinewave Filter in Nema 1/3R
131H8714	5	16.7	TVSS 240-005-060-N4	KDRB25HE01	V1K16A01	MSD0016B300
131B9225	7.5	24.2	TVSS 240-005-060-N4	KDRB26HE01	V1K25A01	MSD0022B300
131B9238	10	30.8	TVSS 240-005-060-N4	KDRD21HE01	V1K35A01	MSD0028B300
131B9256	15	46.2	TVSS 240-005-060-N4	KDRD22HE01	V1K45A01	MSD0042B300
131B9265	20	59.4	TVSS 240-005-060-N4	KDRC22HE01	V1K55A01	MSD0054B300
131B9273	25	74.8	TVSS 240-005-060-N4	KDRF28HE01	V1K80A01	MSD0068B300
131B9282	30	88	TVSS 240-005-060-N4	KDRF25HE01	V1K80A01	MSD0080B300
131B9289	40	115	TVSS 240-005-060-N4	KDRF26HE01	V1K110A01	MSD0104B300
131B9314	50	143	TVSS 240-005-060-N4	KDRH24HE01	V1K130A01	MSD0130B300
131B9326	60	170	TVSS 240-005-060-N4	KDRH23HE01	V1K160A01	MSD0154B300

Note: The above horsepower ratings are for reference only. Unlike motors which have service factors, the drive Amperage ratings are absolute and can not be exceeded for more than 60 seconds. This means that applications that require running in the service factor like submersibles may require the next larger size drive.

OOB NEMA 1 Accessories Selection Guide (continued)

Three Phase

NEMA 1 VFD, 3Ø Input, 3Ø Output, 480 VAC				
Drive Part Number	HP	Amps	TVSS in NEMA 1/4 Enclosure	Line Reactor in NEMA 1
131F8616	5	8.2	TVSS 480-005-125-N4	KDRAA3H2E01
131F7943	7.5	11	TVSS 480-005-125-N4	KDRAA4H2E01
131F0988	10	14.5	TVSS 480-005-125-N4	KDRAA5H2E01
131B9531	15	21	TVSS 480-005-125-N4	KDRB2HE01
131B9004	20	27	TVSS 480-005-125-N4	KDRC3HE01
131B9011	25	34	TVSS 480-005-125-N4	KDRC1HE01
131B9019	30	40	TVSS 480-005-125-N4	KDRE2HE01
131B9034	40	52	TVSS 480-005-125-N4	KDRF4HE01
131B9041	50	65	TVSS 480-005-125-N4	KDRF1HE01
131B9048	60	80	TVSS 480-005-125-N4	KDRF2HE01
131B9056	75	105	TVSS 480-005-125-N4	KDRH2HE01
131B9066	100	130	TVSS 480-005-125-N4	KDRI2HE01
131B9073	125	160	TVSS 480-005-125-N4	KDRG3HE01
134F0367	150	190	TVSS 480-150-600-N4	KDRG1HE01
134F0369	200	240	TVSS 480-150-600-N4	KDRJ1HE01
134F4174	250	302	TVSS 480-150-600-N4	KDRL1HE01
134F4179	300	361	TVSS 480-150-600-N4	KDRL2HE01
134F4184	350	443	TVSS 480-150-600-N4	KDRL3HE01
134F4189	450	540	TVSS 480-150-600-N4	KDRL5HE01
135X4361	500	590	TVSS 480-150-600-N4	KDRL6HE01

Note: The above horsepower ratings are for reference only. Unlike motors which have service factors, the drive Amperage ratings are absolute and can not be exceeded for more than 60 seconds. This means that applications that require running in the service factor like submersibles may require the next larger size drive.

IEEE-519 Filter in NEMA 1	Load Reactor in NEMA 1	DV/DT Filter in NEMA 1	Sinewave Filter in NEMA 1/3R
HSD0005AW11000	KDRA3PE01	V1K8A01	MSD0009A300
HSD0008AW11000	KDRA4PE01	V1K12A01	MSD0012A300
HSD0010AW11000	KDRB1PE01	V1K18A01	MSD0016A300
HSD0015AW11000	KDRD1PE01	V1K25A01	MSD0023A300
HSD0020AW11000	KDRD2PE01	V1K27A01	MSD0030A300
HSD0025AW11000	KDRD3PE01	V1K35A01	MSD0035A300
HSD0030AW11000	KDRD4PE01	V1K45A01	MSD0045A300
HSD0040AW11000	KDRC1PE01	V1K55A01	MSD0055A300
HSD0050AW11000	KDRF1PE01	V1K80A01	MSD0065A300
HSD0060AW11000	KDRF2PE01	V1K80A01	MSD0080A300
HSD0075AW11000	KDRF3PE01	V1K110A01	MSD0110A300
HSD0100AW11000	KDRH1PE01	V1K130A01	MSD0130A300
HSD0125AW11000	KDRI1PE01	V1K160A01	MSD0160A300
HSD0150AW11000	KDRI2PE01	V1K200A01	MSD0200A300
HSD0200AW11000	KDRG1PE01	V1K250A01	MSD0250A300
HSD0250AW11000	KDRJ1PE01	V1K305A01	MSD0305A300
HSD0300AW11000	KDRJ2PE01	V1K362A01	MSD0362A300
HSD0350AW11000	KDRL1PE01	V1K420A01	MSD0420A300
HSD0450AW11000	KDRL3PE01	V1K600A01	MSN0540A300
HSD0500AW11000	KDRL4PE01	V1K600A01	MSN0600A300

OOB Danfoss FC202 IP66 NEMA 4X VFDs

Single Phase

NEMA 4X VFD, 1Ø Input, 3Ø Output, 230 VAC

Part Number	HP	Amps	Dimensions	Ship'g Wt (lbs)	HP Code
131Z2815	5	16.7	18.9" X 9.5" X 10.3"	50.7	B1
131X7986	7.5	24.2	18.9" X 9.5" X 10.3"	50.7	B1
131Z1648	10	30.8	25.6" X 9.5" X 10.2"	59.5	B2
134H0835	20	59.4	26.8" X 12.1" X 12.2"	99.2	C1
134H8284	30	88	30.3" X 14.6" X 13.2"	143.3	C2

NEMA 4X VFD, 1Ø Input, 3Ø Output, 480 VAC

Part Number	HP	Amps	Dimensions	Ship'g Wt (lbs)	HP Code
131Z3884	10	15	18.9" X 9.5" X 10.3"	50.7	B1
134H6623	15	21	25.6" X 9.5" X 10.3"	59.5	B2
134H6576	25	34	26.8" X 12.1" X 12.2"	99.2	C1
134G3812	50	65	30.3" X 14.6" X 13.2"	143.3	C2

Three Phase

NEMA 4X VFD, 3Ø Input, 3Ø Output, 230VAC

Part Number	HP	Amps	Dimensions	Ship'g Wt (lbs)	HP Code
131Z0485	5	16.7	10.6" X 5.1" X 8.1"	16.5	A3
131Z1791	7.5	24.2	18.9" X 9.5" X 10.3"	50.7	B1
131Z2737	10	30.8	18.9" X 9.5" X 10.3"	50.7	B1
131Z3886	15	46.2	18.9" X 9.5" X 10.3"	50.7	B1
131X9095	20	59.4	25.6" X 9.5" X 10.3"	59.5	B2
131B9535	25	74.8	26.8" X 12.1" X 12.2"	99.2	C1
131B9536	30	88	26.8" X 12.1" X 12.2"	99.2	C1
131B9537	40	115	26.8" X 12.1" X 12.2"	143.3	C1
131B9538	50	143	30.3" X 14.6" X 13.2"	143.3	C2
131B9540	60	170	30.3" X 14.6" X 13.2"	143.3	C2

Note: The above horsepower ratings are for reference only. Unlike motors which have service factors, the drive Amperage ratings are absolute and can not be exceeded for more than 60 seconds. This means that applications that require running in the service factor like submersibles may require the next larger size drive.

Three Phase

NEMA 4X VFD, 3Ø Input, 3Ø Output, 480 VAC

Part Number	HP	Dimensions	Ship'g Wt (lbs)	HP Code
131X4502	5	10.6" X 3.5" X 8.1"	12.2	A2
131X7797	7.5	10.6" X 5.1" X 8.1"	16.5	A3
131X9647	10	10.6" X 5.1" X 8.1"	16.5	A3
131X8616	15	18.9" X 9.5" X 10.3"	50.7	B1
131X9274	20	18.9" X 9.5" X 10.3"	50.7	B1
131X9035	25	18.9" X 9.5" X 10.3"	50.7	B1
131X9036	30	25.6" X 9.5" X 10.3"	59.5	B2
131Z2140	40	25.6" X 9.5" X 10.3"	59.5	B2
131F3066	50	26.8" X 12.1" X 12.2"	99.2	C1
131B9532	60	26.8" X 12.1" X 12.2"	99.2	C1
131B9533	75	26.8" X 12.1" X 12.2"	99.2	C1
131B9534	100	30.3" X 14.6" X 13.2"	143.3	C2
131B9530	125	30.3" X 14.6" X 13.2"	143.3	C2

Smaller sizes available upon request

Note: The above horsepower ratings are for reference only. Unlike motors which have service factors, the drive Amperage ratings are absolute and can not be exceeded for more than 60 seconds. This means that applications that require running in the service factor like submersibles may require the next larger size drive.

304 Stainless Steel Backplates for NEMA 4X

Part Number	HP Code	Notes
130B3158	A4	Stainless Steel Backplate for A4 Frame drives
130B3242	A5	Stainless Steel Backplate for A5 Frame drives
130B3434	B1	Stainless Steel Backplate for B1 Frame drives
130B3465	B2	Stainless Steel Backplate for B2 Frame drives
130B3468	C1	Stainless Steel Backplate for C1 Frame drives
130B3491	C2	Stainless Steel Backplate for C2 Frame drives
130B4598	A4, A5, B1, & B2	Weathershield for A4, A5, B1, & B2 Frame drives
130B4597	C1 & C2	Weathershield for C1 & C2 Frame drives

OOB NEMA 4X Accessories Selection Guide

Note: NEMA 3R OOB Quick Quote lists common loose option for corresponding drive.

Single Phase

NEMA 4X VFD, N3R Options 1Ø Input, 3Ø Output, 230 VAC						
Drive Part Number	HP	Amps	TVSS in NEMA 4 Enclosure	Line Reactor in NEMA 3R	DV/DT Filter in NEMA 3R	Sinewave Filter in NEMA 3R
131Z2815	5	16.7	TVSS 240-005-060-N4	KDRD21HE3R	V1K16A03	MSD0016B300
131X7986	7.5	24.2	TVSS 240-005-060-N4	KDRD22HE3R	V1K25A03	MSD0022B300
131Z1648	10	30.8	TVSS 240-005-060-N4	KDRC22HE3R	V1K35A03	MSD0028B300
134H0835	20	59.4	TVSS 240-005-060-N4	KDRF26HE3R	V1K55A03	MSD0054B300
134H8284	30	88	TVSS 240-005-060-N4	KDRH23HE3R	V1K80A03	MSD0080B300

Single Phase

NEMA 4X VFD, 1Ø Input, 3Ø Output, 480 VAC N3R Options							
Drive Part Number	HP	Amps	TVSS in NEMA 4 Enclosure	Line Reactor in NEMA 3R	Load Reactor in NEMA 3R	DV/DT Filter in NEMA 3R	Sinewave Filter in NEMA 3R
131Z3884	10	15	TVSS 480-005-125-N4	KDRCIHE3R	KDRB1PE03	V1K18A03	MSD0016A300
134H6623	15	21	TVSS 480-005-125-N4	KDRE2HE3R	KDRD1PE03	V1K25A03	MSD0023A300
134H6576	25	34	TVSS 480-005-125-N4	KDRFIHE3R	KDRD3PE03	V1K35A03	MSD0035A300
134G3812	50	65	TVSS 480-005-125-N4	KDRG3HE3R	KDRFIPE03	V1K80A03	MSD0065A300

Note: The above horsepower ratings are for reference only. Unlike motors which have service factors, the drive Amperage ratings are absolute and can not be exceeded for more than 60 seconds. This means that applications that require running in the service factor like submersibles may require the next larger size drive.

Three Phase

NEMA 4X VFD, 3Ø Input, 3Ø Output, 230 VAC N3R Options						
Drive Part Number	HP	Amps	TVSS in NEMA 4 Enclosure	Line Reactor in NEMA 3R	DV/DT Filter in NEMA 3R	Sinewave Filter in NEMA 3R
131Z0485	5	16.7	TVSS 240-005-060-N4	KDRB25HE3R	V1K16A03	MSD0016B300
131Z1791	7.5	24.2	TVSS 240-005-060-N4	KDRB26HE3R	V1K25A03	MSD0022B300
131Z2737	10	30.8	TVSS 240-005-060-N4	KDRD21HE3R	V1K35A03	MSD0028B300
131Z3886	15	46.2	TVSS 240-005-060-N4	KDRD22HE3R	V1K45A03	MSD0042B300
131X9095	20	59.4	TVSS 240-005-060-N4	KDRC22HE3R	V1K55A03	MSD0054B300
131B9535	25	74.8	TVSS 240-005-060-N4	KDRF28HE3R	V1K80A03	MSD0068B300
131B9536	30	88	TVSS 240-005-060-N4	KDRF25HE3R	V1K80A03	MSD0080B300
131B9537	40	115	TVSS 240-005-060-N4	KDRF26HE3R	V1K110A03	MSD0104B300
131B9538	50	143	TVSS 240-005-060-N4	KDRH24HE3R	V1K130A03	MSD0130B300
131B9540	60	170	TVSS 240-005-060-N4	KDRH23HE3R	V1K160A03	MSD0154B300

Note: The above horsepower ratings are for reference only. Unlike motors which have service factors, the drive Amperage ratings are absolute and can not be exceeded for more than 60 seconds. This means that applications that require running in the service factor like submersibles may require the next larger size drive.



OOB NEMA 3R Quick Quote

Note: NEMA 3R OOB Quick Quote lists common loose option for corresponding drive.

Three Phase

NEMA 4X VFD, 3Ø Input, 3Ø Output, 480 VAC N3R Options

Drive Part Number	HP	Amps	TVSS in NEMA 4 Enclosure	Line Reactor in NEMA 3R
131X4502	5	8.2	TVSS 480-005-125-N4	KDRAA3H2E3R
131X7797	7.5	11	TVSS 480-005-125-N4	KDRAA4H2E3R
131X9647	10	14.5	TVSS 480-005-125-N4	KDRAA5H2E3R
131X8616	15	21	TVSS 480-005-125-N4	KDRB2HE3R
131X9274	20	27	TVSS 480-005-125-N4	KDRC3HE3R
131X9035	25	34	TVSS 480-005-125-N4	KDRC1HE3R
131X9036	30	40	TVSS 480-005-125-N4	KDRE2HE3R
131Z2140	40	52	TVSS 480-005-125-N4	KDRF4HE3R
131F3066	50	65	TVSS 480-005-125-N4	KDRF1HE3R
131B9532	60	80	TVSS 480-005-125-N4	KDRF2HE3R
131B9533	75	105	TVSS 480-005-125-N4	KDRH2HE3R
131B9534	100	130	TVSS 480-005-125-N4	KDRI2HE3R
131B9530	125	160	TVSS 480-005-125-N4	KDRG3HE3R

Note: The above horsepower ratings are for reference only. Unlike motors which have service factors, the drive Amperage ratings are absolute and can not be exceeded for more than 60 seconds. This means that applications that require running in the service factor like submersibles may require the next larger size drive.

IEEE-519 Filter in NEMA 3R	Load Reactor in NEMA 3R	DV/DT Filter in NEMA 3R	Sinewave Filter in NEMA 3R
HSD0005AW31000	KDRA3PE3R	V1K8A03	MSD0009A300
HSD0008AW31000	KDRA4PE3R	V1K12A03	MSD0012A300
HSD0010AW31000	KDRB1PE3R	V1K18A03	MSD0016A300
HSD0015AW31000	KDRD1PE3R	V1K25A03	MSD0023A300
HSD0020AW31000	KDRD2PE3R	V1K27A03	MSD0030A300
HSD0025AW31000	KDRD3PE3R	V1K35A03	MSD0035A300
HSD0030AW31000	KDRD4PE3R	V1K45A03	MSD0045A300
HSD0040AW31000	KDRC1PE3R	V1K55A03	MSD0055A300
HSD0050AW31000	KDRF1PE3R	V1K80A03	MSD0065A300
HSD0060AW31000	KDRF2PE3R	V1K80A03	MSD0080A300
HSD0075AW31000	KDRF3PE3R	V1K110A03	MSD0110A300
HSD0100AW31000	KDRH1PE3R	V1K130A03	MSD0130A300
HSD0125AW31000	KDRI1PE3R	V1K160A03	MSD0160A300

NEMA 1 and NEMA 3R reactor and filter options would be used in conjunction with a NEMA 1 drive for indoor applications and the NEMA 4X (IP66) drive when mounted outdoors.

Line Reactor: The Danfoss FC202 drive has integrated DC link reactors that reduce the harmonic content of the drive equivalent to a 5% line reactor but without the resultant voltage drop. Under certain circumstances where high voltages are common or where there is a high harmonic content on the grid, the addition of a line reactor may reduce nuisance tripping and improve drive reliability.

Both the load reactor and DV/DT filter are typically used on all submersible pump applications where the voltage to the motor exceeds 380 volts, and the distance from the drive to the pump exceeds 50 ft.

Load Reactor: The addition of a Load Reactor unit to the output of a drive will dampen overshoot peak voltage, reduce motor heating and audible noise, helping to extend the life of the motor. Using a load reactor does not give you the predictable results that a DV/DT filter will and should only be used where drive to motor distances do not exceed 300 ft.

DV/DT Output Filter: The addition of a DV/DT output filter provides motor protection by limiting voltage spikes below 1,000 volts for long-lead applications. This will give you all the advantages of the load reactor at a slightly higher cost but with more predictable results. Though these are typically used only for submersible motors, any motor can benefit from its use where the distances from drive to motor exceeds 300-1000 ft.

Harmonic Filters: The Danfoss drive, because of its integrated DC link reactors, has an industry low harmonic footprint, not requiring additional mitigation unless required by the utility. The standard most cited is IEEE-519, which will require additional harmonic mitigation. In those cases, we will either integrate a passive harmonic filter into the control panel or supply a NEMA 3R filter to be installed by the customer adjacent to the drive. Integration has the least impact on the customer in terms of field installation, but comes at a cost as the horsepower increases.

Sinewave: A Sinewave filter provides superior motor protection by limiting voltage spikes below 1,000 volts for extremely long-lead applications. Though these are typically used only for submersible motors, any motor can benefit from its use where the distances from drive to motor exceeds 1000 ft.

OOB NEMA 1 Input Filters

Three Phase

5% NEMA 1 Input Line Reactor, 3Ø, 240 VAC					
Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
KDRB25HE01	5	17	240	12.25" x 12.5" x 6.75" Wall Mount	18.5
KDRB26HE01	7.5	26	240	12.25" x 12.5" x 6.75" Wall Mount	18.5
KDRD21HE01	10	31	240	12.25" x 12.5" x 6.75" Wall Mount	22.5
KDRD22HE01	15	47	240	12.25" x 12.5" x 6.75" Wall Mount	22.5
KDRC22HE01	20	62	240	12.25" x 12.5" x 6.75" Wall Mount	25.5
KDRF28HE01	25	75	240	19.13" x 15.43" x 15.43" Wall/Floor Mount	67
KDRF25HE01	30	92	240	19.13" x 15.43" x 15.43" Wall/Floor Mount	67
KDRF26HE01	40	114	240	19.13" x 15.43" x 15.43" Wall/Floor Mount	67
KDRH24HE01	50	143	240	19.13" x 15.43" x 15.43" Wall/Floor Mount	70
KDRH23HE01	60	169	240	19.13" x 15.43" x 15.43" Wall/Floor Mount	81

5% NEMA 1 Input Line Reactor, 3Ø, 480 VAC

Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
KDRAA3H2E01	5	8.2	480	12.25" X 12.5" X 6.75" Wall Mount	19
KDRAA4H2E01	7.5	12	480	12.25" X 12.5" X 6.75" Wall Mount	20
KDRAA5H2E01	10	14	480	12.25" X 12.5" X 6.75" Wall Mount	20
KDRB2HE01	15	27	480	12.25" X 12.5" X 6.75" Wall Mount	22
KDRC3HE01	20	27	480	12.25" X 12.5" X 6.75" Wall Mount	30
KDRC1HE01	25	35	480	12.25" X 12.5" X 6.75" Wall Mount	30
KDRE2HE01	30	45	480	12.25" X 12.5" X 6.75" Wall Mount	31
KDRF4HE01	40	60	480	19" X 15.5" X 15.5" Wall/Floor Mount	63
KDRF1HE01	50	85	480	19" X 15.5" X 15.5" Wall/Floor Mount	63
KDRF2HE01	60	77	480	19" X 15.5" X 15.5" Wall/Floor Mount	63
KDRH2HE01	75	100	480	19" X 15.5" X 15.5" Wall/Floor Mount	82
KDRI2HE01	100	125	480	19" X 15.5" X 15.5" Wall/Floor Mount	82
KDRG3HE01	125	160	480	22" X 20.5" X 24.5" Wall/Floor Mount	127
KDRG1HE01	150	185	480	22" X 20.5" X 24.5" Wall/Floor Mount	127
KDRJ1HE01	200	240	480	22" X 20.5" X 24.5" Wall/Floor Mount	136
KDRL1HE01	250	310	480	22" X 20.5" X 24.5" Wall/Floor Mount	162
KDRL2HE01	300	365	480	22" X 20.5" X 24.5" Wall/Floor Mount	162
KDRL3HE01	350	435	480	22" X 20.5" X 24.5" Wall/Floor Mount	166
KDRL4HE01	400	480	480	22" X 20.5" X 24.5" Wall/Floor Mount	176
KDRL5HE01	450	540	480	36" x 28.39"x 30.19" Floor Mount	295
KDRL6HE01	500	590	480	36" x 28.39"x 30.19" Floor Mount	295
KDRS1HE01	600	720	480	48" X 36.27" X 36.27" Floor Mount	582

OOB NEMA 1 Input Filters (continued)

Three Phase

NEMA 1 Harmonic Filter, 3Ø, 480 VAC					
Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
HSD0005AW11000	5	8	480	19" X 15.5" X 19.5" Wall Mount	63
HSD0008AW11000	7.5	12	480	19" X 15.5" X 19.5" Wall Mount	80
HSD0010AW11000	10	16	480	19" X 15.5" X 19.5" Wall Mount	80
HSD0015AW11000	15	23	480	22" X 20.5" X 28.5" Wall Mount	88
HSD0020AW11000	20	31	480	22" X 20.5" X 28.5" Wall Mount	93
HSD0025AW11000	25	38	480	22" X 20.5" X 28.5" Wall Mount	95
HSD0030AW11000	30	49	480	22" X 20.5" X 28.5" Wall Mount	105
HSD0040AW11000	40	62	480	36" X 28.5" X 37" Wall Mount	146
HSD0050AW11000	50	73	480	36" X 28.5" X 37" Wall Mount	146
HSD0060AW11000	60	87	480	36" X 28.5" X 37" Wall Mount	188
HSD0075AW11000	75	105	480	36" X 28.5" X 37" Wall Mount	189
HSD0100AW11000	100	140	480	36" X 28.5" X 37" Wall Mount	238
HSD0125AW11000	125	170	480	36" X 28.5" X 37" Wall Mount	305
HSD0150AW11000	150	209	480	36" X 28.4" X 36.86" Wall Mount	350
HSD0200AW11000	200	257	480	56" X 40.6" X 48.5" Floor Mount	510
HSD0250AW11000	250	321	480	56" X 40.6" X 48.5" Floor Mount	512
HSD0300AW11000	300	405	480	56" X 40.6" X 48.5" Floor Mount	780
HSD0350AW11000	350	445	480	56" X 40.6" X 48.5" Floor Mount	819
HSD0400AW11000	400	483	480	56" X 40.6" X 48.5" Floor Mount	975
HSD0450AW11000	450	540	480	56" X 40.6" X 48.5" Floor Mount	1130
HSD0500AW11000	500	637	480	56" X 40.6" X 48.5" Floor Mount	1140
HSD0600AW11000	600	720	480	60.12" X 36.27" X 44.55" Floor Mount	1220

OOB NEMA 1 Output Filters

Three Phase

1.5% NEMA 1 Output Line Reactor, 3Ø, 480 VAC					
Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
KDRAA3L2E01	5	8	480	12.25 X 12.5 X 6.75	14.5
KDRAA4L2E01	7.5	12	480	12.25 X 12.5 X 6.75	14.5
KDRAA5L2E01	10	16	480	12.25 X 12.5 X 6.75	17.5
KDRD1PE01	15	21	480	12.25 X 12.5 X 6.75	20.5
KDRD2PE01	20	27	480	12.25 X 12.5 X 6.75	20.5
KDRD3PE01	25	35	480	12.25 X 12.5 X 6.75	20.5
KDRD4PE01	30	45	480	12.25 X 12.5 X 6.75	20.5
KDRC1PE01	40	55	480	12.25 X 12.5 X 6.75	25.5
KDRF1PE01	50	80	480	19.13 X 15.43 X 15.43	67
KDRF2PE01	60	80	480	19.13 X 15.43 X 15.43	67
KDRF3PE01	75	110	480	19.13 X 15.43 X 15.43	67
KDRH1PE01	100	130	480	19.13 X 15.43 X 15.43	77
KDRI1PE01	125	160	480	19.13 X 15.43 X 15.43	86
KDRI2PE01	150	200	480	19.13 X 15.43 X 15.43	111
KDRG1PE01	200	250	480	19.13 X 15.43 X 15.43	131
KDRJ1PE01	250	310	480	19.13 X 15.43 X 15.43	136
KDRJ2PE01	300	365	480	19.13 X 15.43 X 15.43	136
KDRL1PE01	350	420	480	19.13 X 15.43 X 15.43	151
KDRL2PE01	400	480	480	19.13 X 15.43 X 15.43	161
KDRL3PE01	450	550	480	19.13 X 15.43 X 15.43	166
KDRL4PE01	500	600	480	19.13 X 15.43 X 15.43	166

NEMA 1 DV/DT Filter, 3Ø, 240 VAC					
Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
V1K16A01	5	16	240	9.00 x 5.50 x 10.00	15
V1K25A01	7.5	25	240	9.00 x 5.50 x 10.00	15
V1K35A01	10	35	240	12.00 x 8.00 x 11.50	23
V1K45A01	15	45	240	12.00 x 8.00 x 11.50	23
V1K55A01	20	55	240	12.00 x 8.00 x 11.50	23
V1K80A01	25 - 30	80	240	12.00 x 8.00 x 11.50	29
V1K110A01	40	110	240	16.50 x 18.00 x 15.00	68
V1K130A01	50	130	240	16.50 x 18.00 x 15.00	83
V1K160A01	60	160	240	16.50 x 18.00 x 15.00	83
V1K200A01	75	200	240	16.50 x 18.00 x 15.00	93
V1K250A01	100	250	240	16.50 x 18.00 x 15.00	93
V1K362A01	125	362	240	16.50 x 18.00 x 30.00	117

OOB NEMA 1 Output Filters (continued)

Three Phase

NEMA 1 DV/DT FILTER, 3Ø, 480 VAC

Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
V1K8A01	5	8	480	9.00 x 5.50 x 10.00	11
V1K12A01	7.5	12	480	9.00 x 5.50 x 10.00	11
V1K18A01	10	18	480	9.00 x 5.50 x 10.00	15
V1K25A01	15	25	480	9.00 x 5.50 x 10.00	15
V1K27A01	20	27	480	9.00 x 5.50 x 10.00	15
V1K35A01	25	35	480	12.00 x 8.00 x 11.50	23
V1K45A01	30	45	480	12.00 x 8.00 x 11.50	23
V1K55A01	40	55	480	12.00 x 8.00 x 11.50	23
V1K80A01	50 - 60	80	480	12.00 x 8.00 x 11.50	29
V1K110A01	75	110	480	16.50 x 18.00 x 15.00	68
V1K130A01	100	130	480	16.50 x 18.00 x 15.00	83
V1K160A01	125	160	480	16.50 x 18.00 x 15.00	83
V1K200A01	150	200	480	16.50 x 18.00 x 15.00	93
V1K250A01	200	250	480	16.50 x 18.00 x 15.00	93
V1K305A01	250	305	480	16.50 x 18.00 x 30.00	117
V1K362A01	300	362	480	16.50 x 18.00 x 30.00	117
V1K420A01	350	420	480	16.50 x 18.00 x 30.00	132
V1K480A01	400	480	480	16.50 x 18.00 x 30.00	138
V1K600A01	500	600	480	16.50 x 18.00 x 30.00	168
V1K750A01	600	750	480	16.50 x 18.00 x 30.00	180

NEMA 1/3R SINEWAVE FILTER, 3Ø, 240 VAC

Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
MSD0016B300	5	16	240	19.13 x 15.5 x 19.5	75
MSD0022B300	7.5	22	240	19.13 x 15.5 x 19.5	90
MSD0028B300	10	28	240	19.13 x 15.5 x 19.5	105
MSD0042B300	15	42	240	22.13 x 20.43 x 28.5	162
MSD0054B300	20	54	240	22.13 x 20.43 x 28.5	177
MSD0068B300	25	68	240	22.13 x 20.43 x 28.5	187
MSD0080B300	30	80	240	36 x 28.4 x 36.86	340
MSD0104B300	40	104	240	36 x 28.4 x 36.86	425
MSD0130B300	50	130	240	36 x 28.4 x 36.86	450
MSD0154B300	60	154	240	36 x 28.4 x 36.86	460

OOB NEMA 1 Output Filters (continued)

Three Phase

NEMA 1/3R SINEWAVE FILTER, 3Ø, 480 VAC					
Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
MSD0009A300	5	9	480	19.13 x 15.50 x 19.50	57
MSD0012A300	7.5	12	480	19.13 x 15.50 x 19.50	58
MSD0016A300	10	16	480	19.13 x 15.50 x 19.50	58
MSD0023A300	15	23	480	19.13 x 15.50 x 19.50	75
MSD0030A300	20	30	480	19.13 x 15.50 x 19.50	75
MSD0035A300	25	35	480	19.13 x 15.50 x 19.50	75
MSD0045A300	30	45	480	19.13 x 15.50 x 19.50	90
MSD0055A300	40	55	480	19.13 x 15.50 x 19.50	105
MSD0065A300	50	65	480	22.13 x 20.43 x 28.50	144
MSD0080A300	60	80	480	22.13 x 20.43 x 28.50	162
MSD0110A300	75	110	480	22.13 x 20.43 x 28.50	177
MSD0130A300	100	130	480	22.13 x 20.43 x 28.50	187
MSD0160A300	125	160	480	36.00 x 28.40 x 36.86	340
MSD0200A300	150	200	480	36.00 x 28.40 x 36.86	425
MSD0250A300	200	250	480	36.00 x 28.40 x 36.86	450
MSD0305A300	250	305	480	36.00 x 28.40 x 36.86	460
MSD0362A300	300	362	480	36.00 x 28.40 x 36.86	470
MSD0420A300	350	420	480	36.00 x 28.40 x 36.86	575
MSD0480A300	400	480	480	36.00 x 28.40 x 36.86	630
MSN0540A300	450	540	480	63.95 x 24.58 x 44.00	700
MSN0600A300	500	600	480	63.95 x 24.58 x 44.00	713
MSN0750A300	600	750	480	63.95 x 24.58 x 44.00	805

OOB NEMA 3R Input Filters

Three Phase

5% NEMA 3R Input Line Reactor, 3Ø, 240 VAC

Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
KDRB25HE3R	5	17	240	12.25" x 12.5" x 6.75" Wall Mount	18.5
KDRB26HE3R	7.5	26	240	12.25" x 12.5" x 6.75" Wall Mount	18.5
KDRD21HE3R	10	31	240	12.25" x 12.5" x 6.75" Wall Mount	22.5
KDRD22HE3R	15	47	240	12.25" x 12.5" x 6.75" Wall Mount	22.5
KDRC22HE3R	20	62	240	12.25" x 12.5" x 6.75" Wall Mount	25.5
KDRF28HE3R	25	75	240	19.13" x 15.43" x 15.43" Wall/Floor Mount	67
KDRF25HE3R	30	92	240	19.13" x 15.43" x 15.43" Wall/Floor Mount	67
KDRF26HE3R	40	114	240	19.13" x 15.43" x 15.43" Wall/Floor Mount	67
KDRH24HE3R	50	143	240	19.13" x 15.43" x 15.43" Wall/Floor Mount	70
KDRH23HE3R	60	169	240	19.13" x 15.43" x 15.43" Wall/Floor Mount	81

5% NEMA 3R Input Line Reactor, 3Ø, 480 VAC

Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
KDRAA3H2E3R1	5	8.2	480	12.25" X 12.5" X 6.75" Wall Mount	19
KDRAA4H2E3R1	7.5	12	480	12.25" X 12.5" X 6.75" Wall Mount	20
KDRAA5H2E3R1	10	14	480	12.25" X 12.5" X 6.75" Wall Mount	20
KDRB2HE3R	15	27	480	12.25" X 12.5" X 6.75" Wall Mount	22
KDRC3HE3R	20	27	480	12.25" X 12.5" X 6.75" Wall Mount	30
KDRC1HE3R	25	35	480	12.25" X 12.5" X 6.75" Wall Mount	30
KDRE2HE3R	30	45	480	12.25" X 12.5" X 6.75" Wall Mount	31
KDRF4HE3R	40	60	480	19" X 15.5" X 15.5" Wall/Floor Mount	63
KDRF1HE3R	50	85	480	19" X 15.5" X 15.5" Wall/Floor Mount	63
KDRF2HE3R	60	77	480	19" X 15.5" X 15.5" Wall/Floor Mount	63
KDRH2HE3R	75	100	480	19" X 15.5" X 15.5" Wall/Floor Mount	82
KDRI2HE3R	100	125	480	19" X 15.5" X 15.5" Wall/Floor Mount	82
KDRG3HE3R	125	160	480	22" X 20.5" X 24.5" Wall/Floor Mount	127
KDRG1HE3R	150	185	480	22" X 20.5" X 24.5" Wall/Floor Mount	127
KDRJ1HE3R	200	240	480	22" X 20.5" X 24.5" Wall/Floor Mount	136
KDRL1HE3R	250	310	480	22" X 20.5" X 24.5" Wall/Floor Mount	162
KDRL2HE3R	300	365	480	22" X 20.5" X 24.5" Wall/Floor Mount	162
KDRL3HE3R	350	435	480	22" X 20.5" X 24.5" Wall/Floor Mount	166
KDRL4HE3R	400	480	480	22" X 20.5" X 24.5" Wall/Floor Mount	176
KDRL5HE3R	450	540	480	36" x 28.39"x 30.19" Floor Mount	295
KDRL6HE3R	500	590	480	36" x 28.39"x 30.19" Floor Mount	295

OOB NEMA 3R Input Filters (continued)

Three Phase

NEMA 3R Harmonic Filter with Contactor, 3Ø, 480 VAC					
Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
HSD0005AW31000	5	8	480	19" X 15.5" X 19.5" Wall Mount	63
HSD0008AW31000	7.5	12	480	19" X 15.5" X 19.5" Wall Mount	80
HSD0010AW31000	10	16	480	19" X 15.5" X 19.5" Wall Mount	80
HSD0015AW31000	15	23	480	22" X 20.5" X 28.5" Wall Mount	88
HSD0020AW31000	20	31	480	22" X 20.5" X 28.5" Wall Mount	93
HSD0025AW31000	25	38	480	22" X 20.5" X 28.5" Wall Mount	95
HSD0030AW31000	30	49	480	22" X 20.5" X 28.5" Wall Mount	105
HSD0040AW31000	40	62	480	36" X 28.5" X 37" Wall Mount	146
HSD0050AW31000	50	73	480	36" X 28.5" X 37" Wall Mount	146
HSD0060AW31000	60	87	480	36" X 28.5" X 37" Wall Mount	188
HSD0075AW31000	75	105	480	36" X 28.5" X 37" Wall Mount	189
HSD0100AW31000	100	140	480	36" X 28.5" X 37" Wall Mount	238
HSD0125AW31000	125	170	480	36" X 28.5" X 37" Wall Mount	305
HSD0150AW31000	150	209	480	36" X 28.4" X 36.86" Wall Mount	350
HSD0200AW31000	200	257	480	56" X 40.6" X 48.5" Floor Mount	510
HSD0250AW31000	250	321	480	56" X 40.6" X 48.5" Floor Mount	512
HSD0300AW31000	300	405	480	56" X 40.6" X 48.5" Floor Mount	780
HSD0350AW31000	350	445	480	56" X 40.6" X 48.5" Floor Mount	819
HSD0400AW31000	400	483	480	56" X 40.6" X 48.5" Floor Mount	975
HSD0450AW31000	450	540	480	56" X 40.6" X 48.5" Floor Mount	1130
HSD0500AW31000	500	637	480	56" X 40.6" X 48.5" Floor Mount	1140
HSD0600AW31000	600	720	480	60.12" X 36.27" X 44.55" Floor Mount	1220

OOB NEMA 3R Output Filters

Three Phase

1.5% NEMA 3R Output Line Reactor, 3Ø, 480 VAC

Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
KDRAA3L2E3R1	5	8	480	11.5 X 10 X 12	19
KDRAA4L2E3R1	7.5	12	480	11.5 X 10 X 12	20
KDRAA5L2E3R1	10	16	480	11.5 X 10 X 12	22
KDRD1PE3R	15	21	480	11.5 X 10 X 12	25
KDRD2PE3R	20	27	480	11.5 X 10 X 12	25
KDRD3PE3R	25	35	480	11.5 X 10 X 12	27
KDRD4PE3R	30	45	480	11.5 X 10 X 12	27
KDRC1PE3R	40	55	480	11.5 X 10 X 12	30
KDRF1PE3R	50	80	480	19.18 X 15.62 X 19.5	63
KDRF2PE3R	60	80	480	19.18 X 15.62 X 19.5	63
KDRF3PE3R	75	110	480	19.18 X 15.62 X 19.5	67
KDRH1PE3R	100	130	480	19.18 X 15.62 X 19.5	77
KDRI1PE3R	125	160	480	19.18 X 15.62 X 19.5	95
KDRI2PE3R	150	200	480	22.15 X 20.62 X 28.5	125
KDRG1PE3R	200	250	480	22.15 X 20.62 X 28.5	140
KDRJ1PE3R	250	310	480	22.15 X 20.62 X 28.5	150
KDRJ2PE3R	300	365	480	22.15 X 20.62 X 28.5	150
KDRL1PE3R	350	420	480	22.15 X 20.62 X 28.5	168
KDRL2PE3R	400	480	480	22.15 X 20.62 X 28.5	175
KDRL3PE3R	450	550	480	22.15 X 20.62 X 28.5	180
KDRL4PE3R	500	600	480	22.15 X 20.62 X 28.5	180

NEMA 3R DV/DT FILTER, 3Ø, 480 VAC

Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
V1K8A03	5	8	480	11.45 x 10 x 12	25
V1K12A03	7.5	12	480	11.45 x 10 x 12	25
V1K16A03	10	16	480	11.45 x 10 x 12	29
V1K18A03	10	18	480	11.45 x 10 x 12	29
V1K21A03	15	21	480	11.45 x 10 x 12	29
V1K25A03	15	25	480	11.45 x 10 x 12	29
V1K27A03	20	27	480	11.45 x 10 x 12	29
V1K35A03	25	35	480	19.18 x 15.62 x 19.5	56
V1K45A03	30	45	480	19.18 x 15.62 x 19.5	56
V1K55A03	40	55	480	19.18 x 15.62 x 19.5	56
V1K80A03	50 - 60	80	480	19.18 x 15.62 x 19.5	62

OOB NEMA 3R Output Filters (continued)

Three Phase

NEMA 3R DV/DT FILTER, 3Ø, 480 VAC					
Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
V1K110A03	75	110	480	19.18 x 15.62 x 19.5	74
V1K130A03	100	130	480	19.18 x 15.62 x 19.5	89
V1K160A03	125	160	480	19.18 x 15.62 x 19.5	99
V1K200A03	150	200	480	19.18 x 15.62 x 19.5	99
V1K250A03	200	250	480	19.18 x 15.62 x 19.5	99
V1K305A03	250	305	480	22.15 x 20.62 x 28.5	109
V1K362A03	300	362	480	22.15 x 20.62 x 28.5	109
V1K420A03	350	420	480	22.15 x 20.62 x 28.5	156
V1K480A03	400	480	480	22.15 x 20.62 x 28.5	161
V1K600A03	500	600	480	36 x 28.21 x 36.86	297
V1K750A03	600	750	480	36 x 28.21 x 36.86	307

NEMA 1/3R SINEWAVE FILTER, 3Ø, 480 VAC					
Part Number	HP	Amps	Voltage	Dimensions	Ship'g Wt (lbs)
MSD0009A300	5	9	480	19.13 x 15.50 x 19.50	57
MSD0012A300	7.5	12	480	19.13 x 15.50 x 19.50	58
MSD0016A300	10	16	480	19.13 x 15.50 x 19.50	58
MSD0023A300	15	23	480	19.13 x 15.50 x 19.50	75
MSD0030A300	20	30	480	19.13 x 15.50 x 19.50	75
MSD0035A300	25	35	480	19.13 x 15.50 x 19.50	75
MSD0045A300	30	45	480	19.13 x 15.50 x 19.50	90
MSD0055A300	40	55	480	19.13 x 15.50 x 19.50	105
MSD0065A300	50	65	480	22.13 x 20.43 x 28.50	144
MSD0080A300	60	80	480	22.13 x 20.43 x 28.50	162
MSD0110A300	75	110	480	22.13 x 20.43 x 28.50	177
MSD0130A300	100	130	480	22.13 x 20.43 x 28.50	187
MSD0160A300	125	160	480	36.00 x 28.40 x 36.86	340
MSD0200A300	150	200	480	36.00 x 28.40 x 36.86	425
MSD0250A300	200	250	480	36.00 x 28.40 x 36.86	450
MSD0305A300	250	305	480	36.00 x 28.40 x 36.86	460
MSD0362A300	300	362	480	36.00 x 28.40 x 36.86	470
MSD0420A300	350	420	480	36.00 x 28.40 x 36.86	575
MSD0480A300	400	480	480	36.00 x 28.40 x 36.86	630
MSN0540A300	450	540	480	63.95 x 24.58 x 44.00	700
MSN0600A300	500	600	480	63.95 x 24.58 x 44.00	713
MSN0750A300	600	750	480	63.95 x 24.58 x 44.00	805

TVSS Surge Arrestor Kits

Chassis Kits includes wire and mounting hardware for installation into existing enclosure.

230Volt Surge Protection IP00 Chassis

230 VAC

TVSS Field Kit Model Number

HP

TVSS FK 240-005-060

5-60

480Volt Surge Protection IP00 Chassis

480 VAC

TVSS Field Kit Model Number

HP

TVSS FK 480-005-125

5-125

TVSS FK 480-150-600

150-600

Enclosure units includes TVSS mounted in Nema 4 enclosure (No wire provided).

230Volt Surge Protection Nema 1/4 Enclosed

230 VAC

TVSS Field Kit Model Number

HP

TVSS 240-005-060-N4

5-60 (12" X10" X 8")

480Volt Surge Protection Nema 1/4 Enclosed

480 VAC

TVSS Field Kit Model Number

HP

TVSS 480-005-125-N4

5-125 (12"X 10"X 8")

TVSS 480-150-600-N4

150-600 (20" X 16" X 10")

Transducers

TRANSDUCERS & ACCESSORIES		
Part Number	Description	Notes
700 KPSI Series	Submersible Transducer	**
700 KPSI Series	Submersible Cable (per foot)	Price per foot
LTA Series	Submersible Transducer	**
LTB Series	Submersible Transducer w/ Cage	**
LTA/LTB Series	Submersible Cable (per foot)	Price per foot
SBLT Series	Dwyer General Purpose, 1" Sub Trans. (up to 300psi)	**
MBLT Series	Dwyer Well Level Monitor (up to 300psi - .62" dia)	
SBLT/MBLT Series	Dwyer Transducer cable (up to 2000')	Price per foot
060G1141	Danfoss 0-100 PSI Threaded Transducer	
060G1142	Danfoss 0-150 PSI Threaded Transducer	
060G1143	Danfoss 0-200 PSI Threaded Transducer	
060G1144	Danfoss 0-300 PSI Threaded Transducer	
060G1145	Danfoss 0-500 PSI Threaded Transducer	
Belden 9318	Shielded Transducer Cable (per foot)	Price per foot
060G000812	Danfoss DIN 1/4" NPT Conduit Cap	

Parts

PARTS		
Part Number	Description	Notes
130B1107	Danfoss LCP Replacement Keypad	
134B1732	Control Card	
130B1117	Danfoss Remote Mount Kit Keypad	
130B1143	Danfoss Analog I/O Option w/Battery Backup	
130B1119	Danfoss Ethernet IP Option Card	
130B1196	Danfoss Ethernet Modbus TCP Option Card	
130B1118	Danfoss Extended Cascade Control Card	3 additional relays
130B1154	Advanced Cascade Control Card	5 parallel pumps
186 1160 0035	Pfannenbergl 8" Replacement Filters	1 Filter
186 1160 0037	Pfannenbergl 12" Replacement Filters	1 Filter

VFD Parts

IP20 Chassis

Part Number	Description	Notes
134B7249	B3 Frame Heatsink Fan 120x120x38mm	IP20 230VAC 7.5-15 or 460VAC 15-25 (1)
134B7150	B4 Frame Heatsink Fan 127x127x38mm	IP20 230VAC 20-25 or 460VAC 30-50 (1)
134B6866	C3 Frame Heatsink Fan 120x120x38mm	IP20 230VAC 30-40 or 460VAC 60-75 (2)
134B6867	C4 Frame Heatsink Fan 127x127x38mm	IP20 230VAC 30-40 or 460VAC 100-125 (2)
176F3164	D3h-D4h Frame Heatsink Fan 172x51mm	IP20 460VAC 150-450 (1)
176F3165	D3h-D4h Frame Mixing Fan 40x28mm	IP20 460VAC 150-450 (1)
176F3166	D3h Frame Top Fan 80x25mm	IP20 460VAC 150-250 (1)
176F3167	D4H-E Frame Top Fan 80x38mm	IP20 460VAC 300-450 (1) 500-750 (2)
176F3856	E Frame Heatsink Fan	IP20 460VAC 500-750 (3)
176F3883	D3h-D4h Frame IP20 Fan Kit	Inc. 1 - 176F3164, 1 - 176F3165, 1 - 176F3166, 1 - 176F3167

IP21 Nema 1

Part Number	Description	Notes
134B7132	B1 Frame IP21 Heatsink Fan 127x127x38mm	IP21 230VAC 10-15 460VAC 20-25 (1)
134B7133	B1 Frame Internal Fan	230VAC 10-15 460VAC 20-25 (1)
134B7131	B2 Frame IP21 Heatsink Fan 140x140x51mm	IP21 230VAC 20 460VAC 30-40 (1)
134B7134	B2 Frame IP21 Internal Fan	230VAC 20 460VAC 30-40 (1)
134B6862	C1 Frame IP21 Heatsink Fan 172x150x51mm	IP21 230VAC 30-40 460VAC 50-75 (1)
134B6863	C1-C2 Frame Trans. Fan 60x60x25mm	230VAC 30-60 460VAC 50-125 (1)
134B6864	C1-C2 Frame Power Card Fan 60x60x25mm	230VAC 30-60 460VAC 50-125 (1)
134B6865	C2 Frame IP21 Heatsink Fan 172x150x51mm	IP21 230VAC 50-60 460VAC 100-125 (1)
132Z0050	C1 Frame IP21 Fan Kit	Includes 1 - 134B6862, 1 - 134B6863, 1 - 134B6864
132Z0051	C2 Frame IP21 Fan Kit	Includes 1 - 134B6865, 1 - 134B6863, 1 - 134B6864

IP21 Nema 1

Part Number	Description	Notes
134B7168	B1 Frame IP66 Heatsink Fan 127x127x38mm	IP66 230VAC 10-15 460VAC 20-25 (1)
134B7133	B1 Frame Internal Fan	230VAC 10-15 460VAC 20-25 (1)
134B7169	B2 Frame IP66 Heatsink Fan 140x140x51mm	IP66 230VAC 20 460VAC 30-40 (1)
134B7134	B2 Frame Internal Fan	230VAC 20 460VAC 30-50 (1)
134B7170	C1 Frame IP66 Heatsink Fan 172x150x51mm	IP66 230VAC 30-40 460VAC 50-75 (1)
134B6863	C1-C2 Frame Trans. Fan 60x60x25mm	230VAC 30-60 460VAC 50-125 (1)
134B6864	C1-C2 Frame Power Card Fan 60x60x25mm	230VAC 30-60 460VAC 50-125 (1)
134B7171	C2 Frame IP66 Heatsink Fan 172x150x51mm	IP66 230VAC 50-60 460VAC 100-125 (1)

Fuses

1Ø Input 230 VAC

Part No.	Horsepower	Amps	Fuse Class
JKS-60	5	60	J
JKS-80	7.5	80	J
JKS-100	10	100	J
JKS-150	20	150	J
JKS-200	30	200	J

1Ø Input 480 VAC

Part No.	Horsepower	Amps	Fuse Class
JKS-50	10	50	J
JKS-80	15	80	J
JKS-125	25	125 Amps	J
JKS-200	50	200 Amps	J

3Ø Input 230 VAC

Part No.	Horsepower	Amps	Fuse Class
JKS-30	5	30	J
JKS-50	7.5	50	J
JKS-50	10	50	J
JKS-60	15	60	J
JKS-80	20	80	J
JKS-100	25	100	J
JKS-125	30	125	J
JKS-150	40	150	J
JKS-200	50	200	J
JKS-200	60	200	J

Fuses (continued)

3Ø Input 480 VAC			
Part No.	HP	Amps	Fuse Class
JKS-20	5	20	J
JKS-30	7.5	30	J
JKS-30	10	30	J
JKS-40	15	40	J
JKS-40	20	40	J
JKS-50	25	50	J
JKS-60	30	60	J
JKS-80	40	80	J
JKS-100	50	100	J
JKS-125	60	125	J
JKS-150	75	150	J
JKS-200	100	200	J
JKS-200	125	200	J
FWH-250A	150	250	Semiconductor
FWH-350A	200	350	Semiconductor
FWH-400A	250	400	Semiconductor
FWH-500A	300	500	Semiconductor
FWH-600A	350	600	Semiconductor

These part numbers represents our current drive fuse type and manufacturer per horsepower and can be ordered as spare parts. Consult O3 to confirm compatability.

Replacement Modules Only

230Volt Surge Protection	
Replacement	
TVSS Model Number	HP
BA5-3-00-A-GEN	5-60
480Volt Surge Protection	
Replacement	
TVSS Model Number	HP
BA5-3-00-C-GEN	5-125
GB3-3-00-C	150-600

OOB FC202 IP00 Chassis Units

Three Phase

Chassis VFD, 3Ø Input, 3Ø Output, 230 VAC					
Part Number	HP	Amps	Dimensions	Ship'g Wt (lbs)	HP Code
131B9210	5	16.7	10.6" X 5.1" X 8.1"	14.6	A3
131F8207	7.5	24.2	15.71" X 6.5" X 9.81"	26.5	B3
131F7536	10	30.8	15.71" X 6.5" X 9.81"	26.5	B3
131H2531	15	46.2	15.71" X 6.5" X 9.81"	26.5	B3
131H4017	20	59.4	20.48" X 9.06" X 9.53"	51.8	B4
131H4922	25	74.8	20.48" X 9.06" X 9.53"	51.8	B4
131H5475	30	88	21.66" X 12.13" X 13.12"	77.2	C3
131H6160	40	115	21.66" X 12.13" X 13.12"	77.2	C3
131F2225	50	143	25.99" X 12.13" X 13.12"	110.3	C4
131F2590	60	170	25.99" X 12.13" X 13.12"	110.3	C4
136N6906	75	190	35.79" X 9.85" X 14.77"	165.35	D3h
136N6336	100	240	35.79" X 9.85" X 14.77"	165.35	D3h
136N6335	125	302	44.18" X 13.78" X 14.77"	277.6	D4h
136N6337	150	361	44.18" X 13.78" X 14.77"	277.6	D4h
136N6908	200	443	44.18" X 13.78" X 14.77"	277.6	D4h

Chassis VFD, 3Ø Input, 3Ø Output, 480 VAC					
Part Number	HP	Amps	Dimensions	Ship'g Wt (lbs)	HP Code
131B8920	5	8.2	10.6" X 3.55" X 8.1"	10.8	A2
131B8940	7.5	11	10.6" X 5.1" X 8.1"	14.6	A3
131B8650	10	14.5	10.6" X 5.1" X 8.1"	14.6	A3
131F6637	15	21	15.71" X 6.5" X 9.81"	26.5	B3
131F6641	20	27	15.71" X 6.5" X 9.81"	26.5	B3
131F6645	25	34	15.71" X 6.5" X 9.81"	26.5	B3
131F6765	30	40	20.48" X 9.06" X 9.53"	51.8	B4
131F6770	40	52	20.48" X 9.06" X 9.53"	51.8	B4
131F6775	50	65	20.48" X 9.06" X 9.53"	51.8	B4
131F6650	60	80	21.66" X 12.13" X 13.12"	77.2	C3
131F6654	75	105	21.66" X 12.13" X 13.12"	77.2	C3
131F6658	100	130	25.99" X 12.13" X 13.12"	110.3	C4
131F6663	125	160	25.99" X 12.13" X 13.12"	110.3	C4
134F0366	150	190	35.79" X 9.85" X 14.77"	136.7	D3h
134F0368	200	240	35.79" X 9.85" X 14.77"	136.7	D3h
134F0371	250	302	35.79" X 9.85" X 14.77"	136.7	D3h
134F0372	300	361	44.18" X 13.78" X 14.77"	275.6	D4h
134F0373	350	443	44.18" X 13.78" X 14.77"	275.6	D4h
134F4192	450	540	44.18" X 13.78" X 14.77"	275.6	D4h

OOB FC202 IP00 Chassis Units - Cont.

Chassis VFD, 3Ø Input, 3Ø Output, 480 VAC					
Part Number	HP	Amps	Dimensions	Ship'g Wt (lbs)	HP Code
135U2915	500	590	62.13" X 19.96" X 18.98"	600	E3h
135U2916	550	678	62.13" X 19.96" X 18.98"	600	E3h
135U2463	600	730	62.13" X 19.96" X 18.98"	600	E3h
135U2462	650	780	62.13" X 23.90" X 18.98"	650	E4h
135U3823	750	890	62.13" X 23.90" X 18.98"	650	E4h

OOB MCD600 IP00 Chassis Units

Three Phase

Chassis RVSS, 3Ø Input, 3Ø Output, 230 VAC					
Part Number	HP	Amps	Dimensions	Ship'g Wt (lbs)	HP Code
136G7346	7.5	21	13.23" x 5.99" x 9.1"	12.6	S1
136G7347	10-15	43	13.23" x 5.99" x 9.1"	12.6	S1
136G7348	20-25	69	13.23" x 5.99" x 9.1"	12.6	S1
136G7349	30	80	13.23" x 5.99" x 9.1"	14	S1
136G8768	40	104	13.23" x 5.99" x 9.1"	14	S1
136G8774	50	136	19.49" x 5.91" x 7.21"	30.9	S2
136G8779	60-75	194	19.49" x 5.91" x 7.21"	30.9	S2
136G7353	100	310	20.59" x 5.91" x 8.39"	37.1	S2

Chassis RVSS, 3Ø Input, 3Ø Output, 480 VAC					
Part Number	HP	Amps @ 50°C	Dimensions	Ship'g Wt (lbs)	HP Code
136G7346	15	21	13.23" x 5.99" x 9.1"	12.6	S1
136G7347	20-25	43	13.23" x 5.99" x 9.1"	12.6	S1
136G7348	30-50	69	13.23" x 5.99" x 9.1"	12.6	S1
136G7349	60	80	13.23" x 5.99" x 9.1"	14	S1
136G8768	75	104	13.23" x 5.99" x 9.1"	14	S1
136G8774	100	136	19.49" x 5.91" x 7.21"	30.9	S2
136G8779	125-150	194	19.49" x 5.91" x 7.21"	30.9	S2
136G7353	200-250	310	20.59" x 5.91" x 8.39"	37.1	S2
136G8794	300	410	20.59" x 5.91" x 8.39"	37.1	S2
136G7354	350-450	515	20.59" x 5.91" x 8.39"	44.76	S2
136G7355	450-500	580	20.59" x 5.91" x 8.39"	44.76	S2
136Z4283	500	684	24.3" x 17.6" x 12.3"	134.49	S3
136Z4305	600	757	24.3" x 17.6" x 12.3"	134.49	S3
136Z4306	700	881	24.3" x 17.6" x 12.3"	134.49	S3

Note: The MCD500 has become obsolete and has been replaced with the MCD 600.

Warranty Information

MITCHELL LEWIS & STAVER

Mitchell Lewis & Staver warrants manufactured equipment to be free from defects in materials and workmanship for twelve (12) months and warrants MICA-202 enclosures for five (5) years from date of invoice from Mitchell Lewis & Staver or its authorized sales channel. This warranty shall not apply to equipment that has been (a) altered by others than Mitchell Lewis & Staver without authorization, (b) to equipment which has been subjected to negligence, accident or damage by circumstance beyond Mitchell Lewis & Staver's control, or (c) improper operation, maintenance or storage other than normal use.

DANFOSS

Danfoss warrants that VLT Variable Frequency Drives, AC VFD Panels and Harmonic Filters, (except VLT Micro Drive, Decentral Drives, Soft Starters and their options) to be free from defects in material and workmanship for 24 months from date of shipment. Danfoss warrants that VLT Micro Drive, Decentral Drives and Soft Starters and their options will be free from defects in materials and workmanship for a period of 12 months from date of shipment. Accessories for all drives ordered for shipment subsequent to the drive and all items mounted separate from the drive will be free from defects in materials or workmanship for a period of 12 months, from date of shipment. All drives parts will be free from defects in materials or workmanship for a period of 6 months from date of shipment.

This warranty shall be voided if the article in question is improperly installed, applied, operated or maintained; subjected to overload, misuse, negligence or an accident; or repaired or altered outside of the Danfoss factory or by anyone other than an authorized Danfoss service partner under direction of Danfoss. Products manufactured by others, but supplied by Danfoss as part of a Danfoss Product, are not warranted by Danfoss, and Customer's sole recourse if any such product should fail shall be under the warranty, if any, of such other manufacturer.

Fuses are warranted only when a defect or malfunction of the Product or its components are found to be the cause of the fuse failure. Customer's sole and exclusive remedy against Danfoss and Danfoss' only obligation, for breach of warranty, shall be, at Danfoss' option, the repair or replacement (with either a refurbished or new Product) of any Product that on Danfoss' examination is found to be defective at the time of delivery due to faulty workmanship and/or defective material, but only if the Customer submits a claim in writing to Danfoss within the warranty period. When making a warranty claim, the Customer must forward the Product to Danfoss in a manner to be agreed upon between Customer and Danfoss with a description of the reason for returning the Product. Freight and insurance will be paid by the Customer. If Danfoss determines that the Product is not defective due to faulty workmanship and/or defective material or that the warranty has been voided, the Product shall be returned to the Customer, if the Customer requests. In such case, freight and insurance shall be paid by the Customer. If Danfoss ascertains that the Product is defective due to faulty workmanship and/or defective material, Danfoss shall send the repaired Product or a replacement Product to the Customer. Danfoss may choose the method of delivery and will pay freight and insurance. Products or product parts which have been replaced shall be the property of and retained by Danfoss. The Customer is responsible for repackaging Products returned in suitable packing material to prevent damage in transit. Danfoss may elect to provide service personnel at Customer's premises to affect Product repair or replacement covered by the terms of the warranty. Danfoss may pay for a portion or all of the travel time and expense for Products located in the 48 contiguous states, Hawaii and Alaska. For products located in the rest of Hawaii, Alaska, Canada and other countries, travel time and travel expenses will be billed to the Customer in U.S. dollars.

Extended Warranties

NOTE: Warranties are now list x customer segmentation

FC202/FC302/FC322 STANDARD DEPOT REPAIR EXTENDED WARRANTY

HP	2 YR	3 YEAR	4 YEAR	5 YEAR	6 YEAR
A FRAME	STANDARD	13OR1122	13OR1124	13OR1126	13OR1128
B FRAME	STANDARD	13OR1132	13OR1134	13OR1136	13OR1138
C FRAME	STANDARD	13OR1142	13OR1144	13OR1146	13OR1148
D FRAME	STANDARD	13OR1152	13OR1154	13OR1156	13OR1158
E FRAME	STANDARD	13OR1162	13OR1164	13OR1166	13OR1168
F FRAME	STANDARD	13OR1172	13OR1174	13OR1176	13OR1178

MCD600 SOFT START STANDARD DEPOT REPAIR EXTENDED WARRANTY

HP	2 YR	3 YEAR	4 YEAR	5 YEAR	6 YEAR
S1	STANDARD	13OR1132	13OR1134	13OR1136	13OR1138
S2	STANDARD	13OR1142	13OR1144	13OR1146	13OR1148
S3	STANDARD	13OR1152	13OR1154	13OR1156	13OR1158

Drive Protection Warranties

also includes the following coverage:

- * Line anomalies - including lightening strikes
- * Load anomalies
- * Accidental exposure to moisture or corrosives
- * Accidental collision or other physical damage

FC202/FC302/FC322 DRIVE PROTECTION DEPOT EXTENDED WARRANTY

HP	2 YR	3 YEAR	4 YEAR	5 YEAR	6 YEAR
A FRAME	130R2001	130R2003	130R2005	130R2007	130R2009
B FRAME	130R2011	130R2013	130R2015	130R2017	130R2019
C FRAME	130R2021	130R2023	130R2025	130R2027	130R2029
D FRAME	130R2031	130R2033	130R2035	130R2037	130R2039
E FRAME	130R2041	130R2043	130R2045	130R2047	130R2049
F FRAME	130R2051	130R2053	130R2055	130R2057	130R2059

MCD600 SOFT START DRIVE PROTECTION DEPOT EXTENDED WARRANTY

HP	2 YR	3 YEAR	4 YEAR	5 YEAR	6 YEAR
S1	130R2011	130R2013	130R2015	130R2017	130R2019
S2	130R2021	130R2023	130R2025	130R2027	130R2029
S3	130R2031	130R2033	130R2035	130R2037	130R2039

Total coverage starts from Danfoss date of manufacture.

Coverage Terms:

Standard Service Warranty extends the standard product warranty. Coverage begins on the date of shipment from the manufacturer and extends to the end of the contract period. Drives are sent to Danfoss for evaluation and repair. Danfoss will return the drive to the customer freight prepaid if deemed in warranty. Pricing applies to drives installed in the 48 contiguous states, Hawaii and Alaska in U.S. dollars.



NOTES:

NOTES:



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