



Crossover Guide

**Commander SK & Unidrive SP to
Unidrive M: Drives for Industry**
Class-leading induction and servo permanent magnet
motor performance, with real-time Ethernet

Unidrive M100
Unidrive M200
Unidrive M300
Unidrive M400
Unidrive M600
Unidrive M700

0.33 hp – 4,200 hp
(0.25 kW – 2.8 MW) Heavy Duty
100 V | 200 V | 400 V | 575 V | 690 V

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Commander SK to Unidrive M200, 120 to 230 V

Dimensions

SK Frame	H x W x D (in)	H x W x D (in)	M200/400 Frame	Retrofit Kit
A	6 x 3 x 5.7	6.3 x 3 x 5.1	1	NOT REQUIRED
B	8 x 3.4 x 6.2	8.1 x 3 x 5.9	2	NOT REQUIRED
C	10.2 x 4 x 6.8	8.9 x 3.5 x 6.3	3	3470-0097
D	11.8 x 4 x 7.8	10.9 x 4.5 x 6.9	4	3470-0101
2	15.3 x 6.1 x 8.6	15.4 x 5.6 x 7.6	5	3470-0066
3	15.3 x 9.9 x 10.3	15.4 x 8.3 x 8.7	6	3470-0074
4	21.5 x 12.2 x 11.7	21.9 x 10.6 x 11	7	3470-0078
5	33.8 x 12.2 x 11.7	31.6 x 12.2 x 11.4	8	3470-0087
6	46 x 12.2 x 11.7	42.1 x 12.2 x 11.4	9E	3470-0118



Commander SK

Unidrive M200

Differences to Note:

- Unidrive M200 requires a RS485 Adaptor for Modbus communications
- Use M400 for Commander SK + Logicstick replacements

Power Specification

Input Voltage	HP	Commander SK			Unidrive M200		
		Output A	Frame	Order Code	Order Code	Output A	Frame
120 V 50/60 Hz, 1-Phase (230V, 3-Phase Output)	0.33	1.7	A	SKA1100025	M200-01100017A10101AB100	1.7	1
	0.5	2.2	A	SKA1100037	M200-01100024A10101AB100	2.4	1
	1	4	B	SKB1100075	M200-02100042A10101AB100	4.2	2
	1.5	5.2	B	SKB1100110	M200-02100056A10101AB100	5.6	2
200 - 240 V 50/60 Hz, 1-Phase	0.33	1.7	A	SKA1200025	M200-01200017A10101AB100	1.7	1
	0.5	2.2	A	SKA1200037	M200-01200024A10101AB100	2.4	1
	0.75	3	A	SKA1200055	M200-01200033A10101AB100	3.3	1
	1	4	A	SKA1200075	M200-01200042A10101AB100	4.2	1
	1.5	5.2	B	SKBD200110	M200-02200056A10101AB100	5.6	2
	2	7	B	SKBD200150	M200-02200075A10101AB100	7.5	2
	3	9.6	C	SKCD200220	M200-03200100A10101AB100	10	3
	3	12.6	D	SKDD200300	M200-04200133A10101AB100	13.3	4
200 - 240 V 50/60 Hz, 3-Phase	0.5	5.2	B	SKBD200110	M200-02200024A10101AB100	2.4	2
	0.75	5.2	B	SKBD200110	M200-02200033A10101AB100	3.3	2
	1	5.2	B	SKBD200110	M200-02200042A10101AB100	4.2	2
	1.5	5.2	B	SKBD200110	M200-02200056A10101AB100	5.6	2
	2	7	B	SKBD200150	M200-02200075A10101AB100	7.5	2
	3	9.6	C	SKCD200220	M200-03200100A10101AB100	10	3
	3	12.6	D	SKCD200300	M200-04200133A10101AB100	13.3	4
	5	17	D	SKD3200400	M200-04200176A10101AB100	17.6	4
	3	12.6	2	SK2201	M200-04200133A10101AB100	13.3	4
	5	17	2	SK2202	M200-04200176A10101AB100	17.6	4
	7.5	25	2	SK2203	M200-05200250A10101AB100	25	5
	10	31	3	SK3201	M200-06200330A10101AB100	33	6
	15	42	3	SK3202	M200-06200440A10101AB100	44	6
	20	56	4	SK4201	M200-07200610A10101AB100	61	7
	25	68	4	SK4202	M200-07200750A10101AB100	75	7
	30	80	4	SK4203	M200-07200830A10101AB100	83	7

This reference material provides an easy crossover based on hp/Amp ratings. Application specifics should be reviewed by an Emerson Application Engineer. For additional assistance, call 1 800 893 2321.

Commander SK to Unidrive M200, 460 V

Dimensions

SK Frame	H x W x D (in)	H x W x D (in)	M200/400 Frame	Retrofit Kit
A	6 x 3 x 5.7	6.3 x 3 x 5.1	1	NOT REQUIRED
B	8 x 3.4 x 6.2	8.1 x 3 x 5.9	2	NOT REQUIRED
C	10.2 x 4 x 6.8	8.9 x 3.5 x 6.3	3	3470-0097
D	11.8 x 4 x 7.8	10.9 x 4.5 x 6.9	4	3470-0101
2	15.3 x 6.1 x 8.6	15.4 x 5.6 x 7.6	5	3470-0066
3	15.3 x 9.9 x 10.3	15.4 x 8.3 x 8.7	6	3470-0074
4	21.5 x 12.2 x 11.7	21.9 x 10.6 x 11	7	3470-0078
5	33.8 x 12.2 x 11.7	31.6 x 12.2 x 11.4	8	3470-0087
6	46 x 12.2 x 11.7	42.1 x 12.2 x 11.4	9E	3470-0118

Differences to Note:

- Unidrive M200 requires a RS485 Adaptor for Modbus communications
- Use M400 for Commander SK + Logicstick replacements



Commander SK



Unidrive M200

Crossover Reference Table

Input Voltage	HP	Commander SK			Unidrive M200		
		Output A	Frame	Order Code 	Order Code	Output A	Frame
400 - 480 V 50/60 Hz, 3-Phase	0.5	1.3	B	SKB3400037	M200-02400013A10101AB100	1.3	2
	0.75	1.7	B	SKB3400055	M200-02400018A10101AB100	1.8	2
	1	2.1	B	SKB3400075	M200-02400023A10101AB100	2.3	2
	1.5	2.8	B	SKB3400110	M200-02400032A10101AB100	3.2	2
	2	3.8	B	SKB3400150	M200-02400041A10101AB100	4.1	2
	3	5.1	C	SKC3400220	M200-03400056A10101AB100	5.6	3
	3	7.2	C	SKC3400300	M200-03400073A10101AB100	7.3	3
	5	9	C	SKC3400400	M200-03400094A10101AB100	9.4	3
	7.5	13	D	SKD3400550	M200-04400135A10101AB100	13.5	4
	10	16.5	D	SKD3400750	M200-04400170A10101AB100	17	4
	7.5	13	2	SK2401	M200-04400135A10101AB100	13.5	4
	10	16.5	2	SK2402	M200-04400170A10101AB100	17	4
	15	25	2	SK2403	M200-05400270A10101AB100	27	5
	20	29	2	SK2404	M200-05400300A10101AB100	30	5
	25	32	2	SK3401	M200-06400350A10101AB100	35	6
	30	40	2	SK3402	M200-06400420A10101AB100	42	6
	30	46	2	SK3403	M200-06400470A10101AB100	47	6
	40	60	2	SK4401	M200-07400660A10101AB100	66	7
	50	74	2	SK4402	M200-07400770A10101AB100	77	7
	75	96	2	SK4403	M200-07401000A10101AB100	100	7
	100	124	2	SK5401	M200-08401340A10101AB100	134	8
	125	156	2	SK5402	M200-08401570A10101AB100	157	8
	150	180	2	SK6401	M200-09402000A10101AB100	200	9
	150	210	2	SK6402	M200-09402240A10101AB100	224	9

This reference material provides an easy crossover based on hp/Amp ratings. Application specifics should be reviewed by an Emerson Application Engineer. For additional assistance, call 1 800 893 2321.

Commander SK to Unidrive M200, 575 to 690 V

Dimensions

SK Frame	H x W x D (in)	H x W x D (in)	M200/400 Frame	Retrofit Kit
3	15.3 x 9.9 x 10.3	15.4 x 5.6 x 7.6	5	3470-0066
3	15.3 x 9.9 x 10.3	15.4 x 8.3 x 8.7	6	3470-0074
4	21.5 x 12.2 x 11.7	21.9 x 10.6 x 11	7	3470-0078
5	33.8 x 12.2 x 11.7	31.6 x 12.2 x 11.4	8	3470-0087
6	46 x 12.2 x 11.7	42.1 x 12.2 x 11.4	9E	3470-0118

Differences to Note:

- Unidrive M200 requires a RS485 Adaptor for Modbus communications
- Use M400 for Commander SK + Logicstick replacements



Commander SK

Unidrive M200

Crossover Reference Table

Input Voltage	HP	Commander SK				Unidrive M200		Output A	Frame
		Output A	Frame	Order Code		Order Code	Output A		
500 - 575 V 50/60Hz, 3-Phase	2	4.1	3	SK3501		M200-05500030A10101AB100	3	5	
	3	5.4	3	SK3502		M200-05500040A10101AB100	4	5	
	5	6.1	3	SK3503		M200-05500069A10101AB100	6.9	5	
	7.5	9.5	3	SK3504		M200-06500100A10101AB100	10	6	
	10	12	3	SK3505		M200-06500150A10101AB100	15	6	
	15	18	3	SK3506		M200-06500190A10101AB100	19	6	
	20	22	3	SK3507		M200-06500230A10101AB100	23	6	
	25	27	4	SK4603		M200-06500290A10101AB100	29	6	
	30	36	4	SK4604		M200-06500350A10101AB100	35	6	
	40	43	4	SK4605		M200-07500440A10101AB100	44	7	
	50	52	4	SK4606		M200-07500550A10101AB100	55	7	
	60	63	5	SK5601		M200-08500630A10101AB100	63	8	
	75	85	5	SK5602		M200-08500860A10101AB100	86	8	
	100	100	6	SK6601		M200-09501040A10101AB100	104	9	
	125	125	6	SK6602		M200-09501310A10101AB100	131	9	
500 - 690 V 50/60 Hz, 3-Phase	20	19	4	SK4601		M200-07600190A10101AB100	19	7	
	25	22	4	SK4602		M200-07600240A10101AB100	24	7	
	30	27	4	SK4603		M200-07600290A10101AB100	29	7	
	40	36	4	SK4604		M200-07600380A10101AB100	38	7	
	50	43	4	SK4605		M200-07600440A10101AB100	44	7	
	60	52	4	SK4606		M200-07600540A10101AB100	54	7	
	75	63	5	SK5601		M200-08600630A10101AB100	63	8	
	100	85	5	SK5602		M200-08600860A10101AB100	86	8	
	125	100	6	SK6601		M200-09601040A10101AB100	104	9	
	150	125	6	SK6602		M200-09601310A10101AB100	131	9	

This reference material provides an easy crossover based on hp/Amp ratings. Application specifics should be reviewed by an Emerson Application Engineer. For additional assistance, call 1 800 893 2321.

Unidrive SP to Unidrive M701, 230 to 460 V, Heavy Duty

Dimensions

SP Frame	H x W x D (in)	H x W x D (in)	M200/400 Frame	Retrofit Kit
1	15.2 x 3.9 x 8.6	15 x 3.3 x 7.9	3	NOT REQUIRED
2	15.3 x 6.1 x 8.6	15.4 x 4.9 x 7.9	4	3470-0062
2	15.3 x 6.1 x 8.6	15.4 x 5.6 x 7.9	5	3470-0066
3	15.3 x 9.9 x 10.3	15.4 x 8.3 x 8.9	6	3470-0074
4	21.5 x 12.2 x 11.7	21.9 x 10.6 x 11	7	3470-0078
5	33.8 x 12.2 x 11.7	31.6 x 12.2 x 11.4	8	3470-0087
6	46 x 12.2 x 11.7	42.1 x 12.2 x 11.4	9E	3470-0118

Differences to Note:

- For Unidrive SP applications with SM-Ethernet use M700 drives
- Unidrive M70x drives do not include a keypad, order separately
- Add SI-/O option for Unidrive M701 high resolution analog input



Unidrive SP

Unidrive M701

Crossover Reference Table

Input Voltage	HP	Unidrive SP				Unidrive M701		
		Output A	Frame	Order Code		Order Code	Output A	Frame
200 - 240 V 50/60 Hz, 3-Phase	1	4.3	1	SP1201	M701-03200050A10101AB100	5	3	
	1.5	5.8	1	SP1202	M701-03200066A10101AB100	6.6	3	
	2	7.5	1	SP1203	M701-03200080A10101AB100	8	3	
	3	10.6	1	SP1204	M701-03200106A10101AB100	10.6	3	
	3	12.6	2	SP2201	M701-04200137A10101AB100	13.7	3	
	5	17	2	SP2202	M701-04200185A10101AB100	18.5	3	
	7.5	25	2	SP2203	M701-05200250A10101AB100	25	5	
	10	31	3	SP3201	M701-06200330A10101AB100	33	6	
	15	42	3	SP3202	M701-06200440A10101AB100	44	6	
	20	56	4	SP4201	M701-07200610A10101AB100	61	7	
	25	68	4	SP4202	M701-07200750A10101AB100	75	7	
	30	80	4	SP4203	M701-07200830A10101AB100	83	7	
	40	105	5	SP5201	M701-08201160A10101AB100	116	8	
	50	130	5	SP5202	M701-08201320A10101AB100	132	8	
380 - 460 V 50/60Hz, 3 Phase	1	2.1	1	SP1401	M701-03400025A10101AB100	2.5	3	
	1.5	3	1	SP1402	M701-03400031A10101AB100	3.1	3	
	2	4.2	1	SP1403	M701-03400045A10101AB100	4.5	3	
	3	5.8	1	SP1404	M701-03400062A10101AB100	6.2	3	
	5	7.6	1	SP1405	M701-03400078A10101AB100	7.8	3	
	5	9.5	1	SP1406	M701-03400100A10101AB100	10	3	
	7.5	13	2	SP2401	M701-04400150A10101AB100	15	4	
	10	16.5	2	SP2402	M701-04400172A10101AB100	17.2	4	
	15	25	2	SP2403	M701-05400270A10101AB100	27	5	
	20	29	2	SP2404	M701-05400300A10101AB100	30	5	
	25	32	3	SP3401	M701-06400350A10101AB100	35	6	
	30	40	3	SP3402	M701-06400420A10101AB100	42	6	
	30	46	3	SP3403	M701-06400470A10101AB100	47	6	
	40	60	4	SP4401	M701-07400660A10101AB100	66	7	
	50	74	4	SP4402	M701-07400770A10101AB100	77	7	
	75	96	4	SP4403	M701-07401000A10101AB100	100	7	
	100	124	5	SP5401	M701-08401340A10101AB100	134	8	
	125	156	5	SP5402	M701-08401570A10101AB100	157	8	
	150	180	6	SP6401	M701-09402000A10101AB100	200	9	
	150	210	6	SP6402	M701-09402240A10101AB100	224	9	

This reference material provides an easy crossover based on hp/Amp ratings. Application specifics should be reviewed by an Emerson Application Engineer. For additional assistance, call 1 800 893 2321.

Unidrive SP to Unidrive M701, 230 to 460 V, Normal Duty

Dimensions

SP Frame	H x W x D (in)	H x W x D (in)	M200/400 Frame	Retrofit Kit
1	15.2 x 3.9 x 8.6	15 x 3.3 x 7.9	3	NOT REQUIRED
2	15.3 x 6.1 x 8.6	15.4 x 4.9 x 7.9	4	3470-0062
2	15.3 x 6.1 x 8.6	15.4 x 5.6 x 7.9	5	3470-0066
3	15.3 x 9.9 x 10.3	15.4 x 8.3 x 8.9	6	3470-0074
4	21.5 x 12.2 x 11.7	21.9 x 10.6 x 11	7	3470-0078
5	33.8 x 12.2 x 11.7	31.6 x 12.2 x 11.4	8	3470-0087
6	46 x 12.2 x 11.7	42.1 x 12.2 x 11.4	9E	3470-0118

Differences to Note:

- For Unidrive SP applications with SM-Ethernet use M700 drives
- Unidrive M70x drives do not include a keypad, order separately
- Add SI-I/O option for Unidrive M701 high resolution analog input



Unidrive SP

Unidrive M701

Crossover Reference Table

Input Voltage	HP	Unidrive SP			Unidrive M701		
		Output A	Frame	Order Code	Order Code	Output A	Frame
200 - 240 V 50/60 Hz, 3-Phase	1.5	5.2	1	SP1201	M701-03200050A10101AB100	6.6	3
	2	6.8	1	SP1202	M701-03200066A10101AB100	8	3
	3	9.6	1	SP1203	M701-03200080A10101AB100	11	3
	3	11	1	SP1204	M701-03200080A10101AB100	11	3
	5	15.5	2	SP2201	M701-04200137A10101AB100	18	3
	7.5	22	2	SP2202	M701-04200185A10101AB100	25	3
	10	28	2	SP2203	M701-05200250A10101AB100	30	5
	15	42	3	SP3201	M701-06200330A10101AB100	50	6
	20	54	3	SP3202	M701-06200440A10101AB100	58	6
	25	68	4	SP4201	M701-07200610A10101AB100	75	7
	30	80	4	SP4201	M701-07200750A10101AB100	94	7
	40	104	4	SP4203	M701-07200830A10101AB100	117	7
	50	130	5	SP5201	M701-08201160A10101AB100	149	8
	60	154	5	SP5202	M701-08201320A10101AB100	180	8
380-460 V 50/60Hz, 3 Phase	1.5	2.8	1	SP1401	M701-03400025A10101AB100	3.4	3
	2	3.8	1	SP1402	M701-03400031A10101AB100	4.5	3
	3	5	1	SP1403	M701-03400045A10101AB100	6.2	3
	5	6.9	1	SP1404	M701-03400062A10101AB100	7.7	3
	5	8.8	1	SP1405	M701-03400078A10101AB100	10.4	3
	7.5	11	1	SP1406	M701-03400100A10101AB100	12.3	3
	10	15.3	2	SP2401	M701-04400150A10101AB100	18.5	4
	15	21	2	SP2402	M701-04400172A10101AB100	24	4
	20	29	2	SP2403	M701-05400270A10101AB100	30	5
	20	29	2	SP2404	M701-05400300A10101AB100	31	5
	25	35	3	SP3401	M701-06400350A10101AB100	38	6
	30	43	3	SP3402	M701-06400420A10101AB100	48	6
	40	56	3	SP3403	M701-06400470A10101AB100	63	6
	50	68	4	SP4401	M701-07400660A10101AB100	79	7
	60	83	4	SP4402	M701-07400770A10101AB100	94	7
	75	104	4	SP4403	M701-07401000A10101AB100	112	7
	100	138	5	SP5401	M701-08401340A10101AB100	155	8
	125	168	5	SP5402	M701-08401570A10101AB100	184	8
	150	205	6	SP6401	M701-09402000A10101AB100	221	9
	200	236	6	SP6402	M701-09402240A10101AB100	266	9

This reference material provides an easy crossover based on hp/Amp ratings. Application specifics should be reviewed by an Emerson Application Engineer. For additional assistance, call 1 800 893 2321.

Unidrive SP to Unidrive M701, 575 to 690 V, Heavy Duty

Dimensions

SP Frame	H x W x D (in)	H x W x D (in)	M200/400 Frame	Retrofit Kit
3	15.3 x 9.9 x 10.3	15.4 x 5.6 x 7.9	5	3470-0066
4	21.5 x 12.2 x 11.7	15.4 x 8.3 x 8.9	6	3470-0074
5	33.8 x 12.2 x 11.7	21.9 x 10.6 x 11	7	3470-0078
6	46 x 12.2 x 11.7	31.6 x 12.2 x 11.4	8	3470-0087
		42.1 x 12.2 x 11.4	9E	3470-0118

Differences to Note:

- For Unidrive SP applications with SM-Ethernet use M700 drives
- Unidrive M70x drives do not include a keypad, order separately
- Add SI-I/O option for Unidrive M701 high resolution analog input



Unidrive SP

Unidrive M701

Crossover Reference Table

Input Voltage	HP	Unidrive SP 			Unidrive M701		
		Output A	Frame	Order Code	Order Code	Output A	Frame
500 - 575 V 50/60Hz, 3-Phase	2	4.1	3	SP3501	M701-05500030A10101AB100	3	5
	3	5.4	3	SP3502	M701-05500040A10101AB100	4	5
	5	6.1	3	SP3503	M701-05500069A10101AB100	6.9	5
	7.5	9.5	3	SP3504	M701-06500100A10101AB100	10	6
	10	12	3	SP3505	M701-06500150A10101AB100	15	6
	15	18	3	SP3506	M701-06500190A10101AB100	19	6
	20	22	3	SP3507	M701-06500230A10101AB100	23	6
	25	27	4	SP4603	M701-06500290A10101AB100	29	6
	30	36	4	SP4604	M701-06500350A10101AB100	35	6
	40	43	4	SP4605	M701-07500440A10101AB100	44	7
	50	52	4	SP4606	M701-07500550A10101AB100	55	7
	60	63	5	SP5601	M701-08500630A10101AB100	63	8
	75	85	5	SP5602	M701-08500860A10101AB100	86	8
	100	100	6	SP6601	M701-09501040A10101AB100	104	9
	125	125	6	SP6602	M701-09501310A10101AB100	131	9
500 - 690 V 50/60 Hz, 3-Phase	20	19	4	SP4601	M701-07600190A10101AB100	19	7
	25	22	4	SP4602	M701-07600240A10101AB100	24	7
	25	27	4	SP4603	M701-07600290A10101AB100	29	7
	30	36	4	SP4604	M701-07600380A10101AB100	38	7
	40	43	4	SP4605	M701-07600440A10101AB100	44	7
	50	52	4	SP4606	M701-07600540A10101AB100	54	7
	60	63	5	SP5601	M701-08600630A10101AB100	63	8
	75	85	5	SP5602	M701-08600860A10101AB100	86	8
	100	100	6	SP6601	M701-09601040A10101AB100	104	9
	125	125	6	SP6602	M701-09601310A10101AB100	131	9

This reference material provides an easy crossover based on hp/Amp ratings. Application specifics should be reviewed by an Emerson Application Engineer. For additional assistance, call 1 800 893 2321.

Unidrive SP to Unidrive M701, 575 to 690 V, Normal Duty

Dimensions

SP Frame	H x W x D (in)	H x W x D (in)	M200/400 Frame	Retrofit Kit
3	15.3 x 9.9 x 10.3	15.4 x 5.6 x 7.9	5	3470-0066
4	21.5 x 12.2 x 11.7	15.4 x 8.3 x 8.9	6	3470-0074
5	33.8 x 12.2 x 11.7	21.9 x 10.6 x 11	7	3470-0078
6	46 x 12.2 x 11.7	31.6 x 12.2 x 11.4	8	3470-0087
		42.1 x 12.2 x 11.4	9	3470-0118

Differences to Note:

- For Unidrive SP applications with SM-Ethernet use M700 drives
- Unidrive M70x drives do not include a keypad, order separately
- Add SI-I/O option for Unidrive M701 high resolution analog input



Unidrive SP

Unidrive M701

Crossover Reference Table

Input Voltage	HP	Unidrive SP 			Unidrive M701		
		Output A	Frame	Order Code	Order Code	Output A	Frame
500 - 575 V 50/60Hz, 3-Phase	3	5.4	3	SP3501	M701-05500030A10101AB100	3.9	5
	5	6.1	3	SP3502	M701-05500040A10101AB100	6.1	5
	7.5	8.4	3	SP3503	M701-05500069A10101AB100	10	5
	10	11	3	SP3504	M701-06500100A10101AB100	12	6
	15	16	3	SP3505	M701-06500150A10101AB100	17	6
	20	22	3	SP3506	M701-06500190A10101AB100	22	6
	25	27	3	SP3507	M701-06500230A10101AB100	27	6
	30	36	4	SP4603	M701-06500290A10101AB100	34	6
	40	43	4	SP4604	M701-06500350A10101AB100	43	6
	50	52	4	SP4605	M701-07500440A10101AB100	53	7
	60	62	4	SP4606	M701-07500550A10101AB100	73	7
	75	84	5	SP5601	M701-08500630A10101AB100	86	8
	100	99	5	SP5602	M701-08500860A10101AB100	108	8
	125	125	6	SP6601	M701-09501040A10101AB100	125	9
	150	144	6	SP6602	M701-09501310A10101AB100	150	9
500 - 690 V 50/60 Hz, 3-Phase	25	22	4	SP4601	M701-07600190A10101AB100	23	7
	30	27	4	SP4602	M701-07600240A10101AB100	30	7
	30	36	4	SP4603	M701-07600290A10101AB100	36	7
	40	43	4	SP4604	M701-07600380A10101AB100	46	7
	50	52	4	SP4605	M701-07600440A10101AB100	52	7
	60	62	4	SP4606	M701-07600540A10101AB100	73	7
	75	84	5	SP5601	M701-08600630A10101AB100	88	8
	100	99	5	SP5602	M701-08600860A10101AB100	108	8
	125	125	6	SP6601	M701-09601040A10101AB100	125	9
	150	144	6	SP6602	M701-09601310A10101AB100	155	9

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Option Modules, Software, Keypads & Cloning

SM Option
Modules



SI Option
Modules

Function	SM Option Modules	SI Option Modules	Notes
	SK/SP* Order Code	Unidrive M Order Code	
Inputs/Outputs	SM-BIPOLAR	Not available	
	SM-I/O-120V	Not available	
	SM-I/O-24V	SI-I/O	24 Vdc I/O unprotected
	SM-I/O-32	Not available	
	SM-I/O-LITE	SI-I/O	
	SM-I/O-TIMER	SI-I/O	Requires KI-KEYPAD-RTC. Unidrive M600, M700, M701 and M702 only
	SM-I/O-PLUS	SI-I/O	
Communications	SM-I/O-PELV	Not available	
	SM-CAN	Not available	
	SM-CANOPEN	SI-CANOPEN	
	SM-DEVICENET	SI-DEVICENET	
	SM-ETHERCAT	SI-ETHERCAT	
	SM-ETHERNET	SI-ETHERNET	Unidrive M700, M702 include Ethernet as standard
	SM-INTERBUS	Not available	
Feedback	SM-PROFIBUS-DP	SI-PROFIBUS	
	SM-PROFINET	SI-PROFINET-V2	Unidrive M600, M700, M701 and M702 only
	SM-SERCOS	Not available	
	SM-ETC	SM-ETC	
	SM-ENCODER-PLUS	SI-ENCODER	
	SM-ENCODER-OUT	SI-UNI-ENCODER	Unidrive M700, M701, M702 include encoder output as standard
	SM-UNI-ENCODER	SI-UNI-ENCODER	
Automation	SM-RESOLVER	Not required	Unidrive M700, M701, M702 include resolver input as standard
	LOGICKSTICK	Not required	For new applications use Unidrive M400
	SM-APPS-LITE-V2	SI-APPS-PLUS	For new applications use MCI200
	SM-APPS-PLUS	SI-APPS-PLUS	For new applications use MCI210
	SM-EZMOTION	see note	Use Undrive SP-EZ part number SPxxx-EZ
Safety	SM-REGISTER	SI-APPS-PLUS	For new applications use MCI210
	SM-SAFETY	SI-SAFETY	Unidrive M600, M700, M701 and M702 only
Software	CTSOFT	UNIDRIVE M CONNECT	Unidrive M Connect can import CTSoft files
	CTSCOPE	CTSCOPE	
	SYPT-LITE	MACHINE CONTROL STUDIO	Onboard PLC programming (M400 - M702) and MCI2x0
	SYPTPRO	SYPTPRO	For new applications use MCI200 & MCI210 options programmed with MACHINE CONTROL STUDIO
	CTSAFEPRO	CTSAFEPRO	Programming software for SI-Safety
Keypads	Not available	REMOTE-KEYPAD-RTC	
	SK-KEYPAD-REMOTE	REMOTE-KEYPAD	Requires AI-485-Adaptor for M200 - M400
	SM-KEYPAD	KI-KEYPAD-LCD	
	SM-KEYPAD-PLUS	KI-KEYPAD-LCD	Use REMOTE-KEYPAD for remote mounting
	Not available	CI-KEYPAD-LCD	Unidrive M400 keypad
Cloning	SMARTCARD	SMARTCARD-64	64k Smartcard
		SD-CARD-ADAPTOR	Smartcard with SD card adaptor
		SMARTCARD	8k Smartcard
	SMARTSTICK	AI-BACKUP-ADAPTOR	Requires SD card, not included
		AI-SMART-ADAPTOR	4GB of built in memory
Cables	CT-USB-CABLE	CT-USB-CABLE	AI-485-ADAPTOR and Unidrive M600 and M 701

Differences to Note:

- SM and SI Option modules are not interchangeable
- MCI200 and MCI210 options are programmed using Machine Control Studio software
- SYPT-PRO can only be used to program SI-APPS-PLUS modules
- SYPT-LITE can not be used with Unidrive M products

* SK = Commander SK
SP = Unidrive SP



SM Keypad



CI Keypad and
Remote Keypad



KI Keypad and
Remote
Keypad RTC

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Notes

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