



ILM62DCA000 (type A)



ILM62DCB000 (type B)



ILM62DCC000 (type C)

Connection box – references

Designation	item no	Description	Lexium 62 ILM-Servo module compatibility	Reference	Weight kg/lb
Daisy chain connection box assembly	3a	Type A	ILM070, ILM100, ILM140	ILM62DCA000	0.535 / 1.18
	3a	Type B	ILM070, ILM100	ILM62DCB000	0.535 / 1.18
	3a	Type C	ILM140	ILM62DCC000	0.535 / 1.18

Cable length Max. (m / ft)

Between ILM62CM and ILM62DB4	20 / 65.62
Between ILM62DB4 and ILM62DB4	10 / 32.81
Between ILM62DB4 and Lexium 62 ILM integrated drive	10 / 32.81
Between two Lexium 62 ILM integrated drives	10 / 32.81
Between two active Sercos slaves (1)	50 / 164.04
Total of cable lengths	200 / 656.17
For daisy chain cable: between ILM62DB4 and last Lexium 62 ILM integrated drive	10 / 32.81

(1) Connection module ILM62CM and distribution module box ILM62DB are not active Sercos slaves.

Daisy chain cable – references

Designation	Between and	item no	Connector type	Length m / ft	Reference	Weight kg/lb
Power cable	Connection ILM module integrated drive	7a	Terminals / M23	3 / 9.84	VW3E1155R030	1.367 / 3.01
				5 / 16.40	VW3E1155R050	0.203 / 0.45
				10 / 32.81	VW3E1155R100	1.367 / 3.01
	Connection Distribution module box	7b	Terminals / DB connector (D1)	3 / 9.84	VW3E1158R030	1.367 / 3.01
				5 / 16.40	VW3E1158R050	1.367 / 3.01
				10 / 32.81	VW3E1158R100	2.370 / 5.22
	ILM integrated drive	8	M23 / M23	0.3 / 0.98	VW3E1157R003	1.367 / 3.01
				0.7 / 2.30	VW3E1157R007	0.294 / 0.65
				1 / 3.28	VW3E1157R010	0.356 / 0.78
				2 / 6.56	VW3E1157R020	0.562 / 1.24
				3 / 9.84	VW3E1157R030	0.680 / 1.50
				4 / 13.12	VW3E1157R040	0.974 / 2.15
	Distribution ILM box	9	DB connector (D1) / M23	5 / 16.40	VW3E1157R050	1.180 / 2.60
				1 / 3.28	VW3E1164R010	0.381 / 0.84
				2 / 6.56	VW3E1164R020	0.587 / 1.29
Sercos cable	Connection ILM module integrated drive	10	RJ45 / M12 angled	3 / 9.84	VW3E3065R030	1.367 / 3.01
				5 / 16.40	VW3E3065R050	0.557 / 1.23
				10 / 32.81	VW3E3065R100	1.075 / 2.37
	ILM integrated drive or Distribution box	11	M12 angled / M12 angled	0.3 / 0.98	VW3E3064R003	0.140 / 0.31
				0.7 / 2.30	VW3E3064R007	0.180 / 0.40
				1 / 3.28	VW3E3064R010	0.210 / 0.46
				2 / 6.56	VW3E3064R020	0.310 / 0.68
				3 / 9.84	VW3E3064R030	0.410 / 0.90
				4 / 13.12	VW3E3064R040	1.367 / 3.01
				5 / 16.40	VW3E3064R050	0.610 / 1.34

Daisy chain accessory – references

Designation	item no	Connector type	Length m / ft	Reference	Weight kg/lb
Protective cap for power cable connection	12	–	–	ILM62DCZ000	0.235 / 0.52
Sercos connector distributor in ILM62DB4	13	–	–	VW3E6029	0.700 / 1.54
Sercos cable (1)	–	Straight M12 / M12 angled	1 / 3.28	VW3E3066R010	0.081 / 0.18
			3 / 9.84	VW3E3066R030	0.221 / 0.49
			5 / 16.40	VW3E3066R050	0.361 / 0.80
Connector including Power cable and 24 V IN on Lexium 62 ILM distribution box ILM62DB	14	–	1 / 3.28	VW3E1163R010	0.381 / 0.84
	14	–	2 / 6.56	VW3E1163R020	0.587 / 1.29
	14	–	3 / 9.84	VW3E1163R030	0.793 / 1.75
24 V IN cable	15	–	1 / 3.28	VW3E8001R010	0.081 / 0.18
			3 / 9.84	VW3E8001R030	0.221 / 0.49
			5 / 16.40	VW3E8001R050	0.361 / 0.80
Daisy Chain M23 Housing Connector Set	–	–	–	VW3E6046	0.220 / 0.49
Sercos connector distributor & 24 V-Out on Lexium 62 ILM distribution box ILM62DB (2)	16	–	–	VW3E6047	0.720 / 1.59
HCN-2 adapter (3)	–	–	–	VW3E6026	0.125 / 0.28
Hybrid Cable	–	CM / HCN-2	2 / 6.56	VW3E1159R020	0.758 / 1.67
		HCN-2 / D0	2 / 6.56	VW3E1160R020	0.768 / 1.69
		HCN-2 / D1	2 / 6.56	VW3E1161R020	0.768 / 1.69
		HCN-2 / D2	2 / 6.56	VW3E1162R020	0.768 / 1.69

(1) For connecting additional Sercos devices.

(2) For 24V-Out cable (item 17) (Ref. TCSXCNEFNX●●V/TCSXCNDNFN●●V), please refer to our catalog "Modicon TM7 – IP 67 modular I/O system".

(3) Allows routing of cables through tubes or cable penetrations.