



esiMot - Accessories

PC-Software/Programming kits
Interface converter
Gear boxes
Power supplies
Line filters
Connection boxes
Assembled cables
Controls

esiMot SL

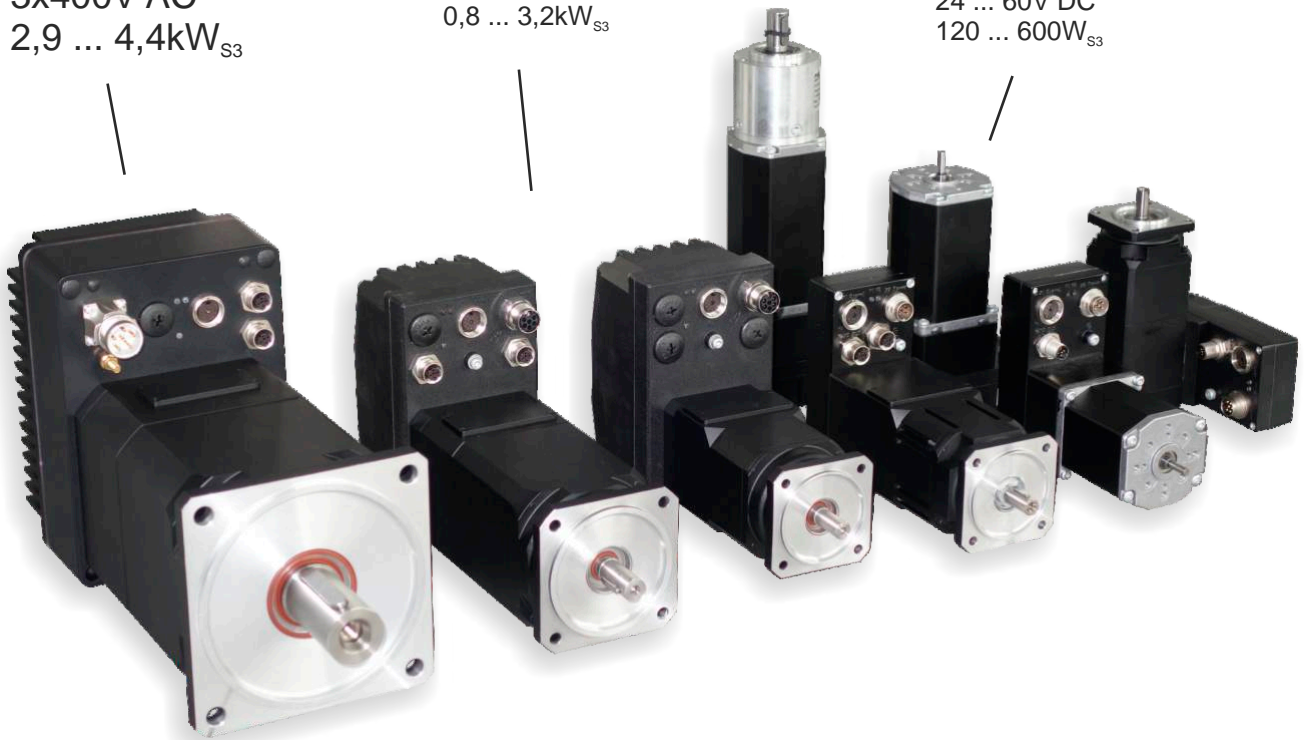
3x400V AC
2,9 ... 4,4kW_{S3}

esiMot XL

1x230V AC
3x400V AC
0,8 ... 3,2kW_{S3}

esiMot

24 ... 60V DC
120 ... 600W_{S3}



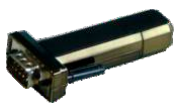
Commissioning



Programming kit ServoLink

Programming and parameter adjustment, files for Profinet, Profibus, CANopen, EtherCAT, Examples for Step7 + TIA
Optionally as cable version with T-Adapter or control cabinet version with AKB.01

Model	Art.-No.:
T-Adapter	611.01019-3
AKB.01	611.01019-8



USB - interface converter

Sub-D9 to USB-A

Art.-No.:	630.01900-0
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Testbox with 24V - power supply

For initial tests
Wiring of inputs to switches
Outputs on LEDs
Interface wired to connector

Art.-No.:	652.01022-0
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Custom specific design on request

Gear boxes



PGA Planetary gear for esiMot6/1, 6/2, 6/5

Size 52 ... 60
4,5:1 ... 225:1
10000h

Art.-No.:	PGA ...
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PGB Planetary gear for esiMot, esiMotXL, esiMotSL

Size 40 ... 155
3:1 ... 100:1
20000h

Art.-No.:	PGB ...
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FRT Worm gear for esiMot-Baugröße 7/x and larger

Size 28 ... 60
5:1 ... 100:1
15000h

Art.-No.:	FRT ...
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Terminal block

Suitable for all esiMot, esiMotXL, esiMotSL
 Pluggable screw terminals
 USB interface converter
 Fuse
 Voltage okay indication

Art.-No.: 652.01028-0



Terminal block

Suitable for all esiMot, 24-60V
 Switch
 Fuse

Art.-No.: 652.01019-0



Switching power supply
 DIN rail mount

U_{out}	Art.-No.:
24V 5A	690.01037-0
24V 10A	690.01036-0
48V 10A	690.01034-0
48V 20A	690.01041-0



Line filter

1-phase 3A
 1-phase 8A
 1-phase 20A
 3-phase 18A
 3-phase 33A

Art.-No.:
652.01001-1
652.01005-0
652.01003-1
652.01002-2
652.01004-2



Ballast resistors

35W 10 Ohm
 50W 82Ohm
 100W 100Ohm
 180W 120Ohm
 300W 33 Ohm

Art.-No.:
695.01207-0
695.01202-0
695.01201-0
695.01209-0
695.01203-0



Backfeed protection with buffer

Suitable for all esiMot, 24-60V, 8A
 with pluggable fuse

Art.-No.: 719.01001-1

Connectors

for self-assembly

esiMot (24-60VDC)

- **Power connector for solder connection**

6-pin cable socket
cable Ø 6-8mm
max. 0,75mm² (AWG20)

Model
straight
90°

Art.-No.:
630.01409-0
630.01409-5

esiMotXL (230V AC) esiMotXL (400V AC)

- **Power connector for crimp connection**

7-pin cable socket
cable-Ø 6-8mm
max. 1,5mm² (AWG19)

Model
straight

Art.-No.:
630.01502-0

esiMotSL (400V AC)

- **Power connector for crimp connection**

6-pin cable socket
cable-Ø 6-8mm
max. 1,5mm² (AWG19)

Model
straight

Art.-No.:
630.02009-0

esiMot (24-60VDC) esiMotXL (230VAC) esiMotXL (400VAC) esiMotSL (400VAC)

- **Signal connector for solder connection**

19-pin male cable connector
cable-Ø 6-8mm
max. 0,25mm² (AWG24)

Model
straight
90°

Art.-No.:
630.01409-1
630.01409-6

Assembled cables

esiMot

esiMot5/2.xx (no ATEX version available)

esiMot6/1.xx

esiMot6/2.xx

esiMot6/5.xx (no ATEX version available)

esiMot7/1.xx

esiMot7/2.xx

Length	Power cable without ballast 5x0,75mm ² (> 25m)			Power cable with ballast 6x0,5mm ² (< 20m)		
	Standard	Drag-chain	ATEX	Standard	Drag-chain	ATEX
2m	-	-	-	630.01400-0	630.01400-7	630.01601-2
5m	-	-	-	630.01401-0	630.01401-7	630.01601-7
10m	-	-	-	630.01402-0	630.01402-7	630.01601-8
15m	-	-	-	630.01403-0	630.01403-7	630.01601-9
20m	-	-	-	630.01404-0	630.01404-7	630.01601-6
25m	630.01415-0	630.01415-3**	630.01602-1**	-	-	-
30m	<tbd>	<tbd>	630.01418-6**	-	-	-
35m	630.01416-0	<tbd>	630.01416-6**	-	-	-

Length	Signal cable 16x0,14mm ²		
	Standard	Drag-chain	ATEX
2m	630.01400-1	630.01400-8	630.01600-6
5m	630.01401-1	630.01401-8	630.01600-7
10m	630.01402-1	630.01402-8	630.01600-8
15m	630.01403-1	630.01403-8	630.01600-9
20m	630.01422-1	630.01404-8	630.01600-10
25m	630.01415-1	<tbd>	<tbd>
30m	630.01517-1	630.01517-8	<tbd>
35m	630.01416-1	<tbd>	<tbd>

<tbd> = No. will be defined in case of order

Assembled cables

esiMotXL 230V

esiMot21/3.xxx

esiMot22/3.xxx

esiMot31/3.xxx

esiMot32/3.xxx

esiMot33/2.xxx (no ATEX version available)

esiMot41/2.xxx (no ATEX version available)

Length	Power cable without ballast 3x1,0mm ²			Power cable with ballast 5x1,0mm ²		
	Standard	Drag-chain	ATEX	Standard	Drag-chain	ATEX
2m	630.01500-0	<td>	-	630.01510-0	630.01520-0	630.01530-6
5m	630.01501-0	<td>	-	630.01511-0	630.01521-0	630.01530-7
10m	630.01504-0	630.01504-1	-	630.01512-0	630.01522-0	630.01530-8
15m	630.01505-0	630.01505-1	-	630.01514-0	630.01523-0	630.01530-9
20m	630.01503-0	<td>	-	630.01516-0	630.01524-0	630.01530-10
25m	630.01507-0	630.01507-1	-	630.01515-0	630.01526-0	630.01530-11
30m	630.01506-0	<td>	-	630.01517-0	630.01525-0	<td>
35m	<td>	<td>	-	630.01416-5	<td>	630.01416-6

Length	24V Logic supply cable 2x0,25mm ²		Signal cable 16x0,14mm ²			Signal cable with STO-wires 18x0,14mm ²		
	Drag-chain	ATEX	Standard	Drag-chain	ATEX	Standard	Drag-chain	ATEX
2m	<td>	<td>	630.01400-1	630.01400-8	630.01400-6	630.01424-1	630.01430-1	<td>
5m	<td>	630.01439-2	630.01401-1	630.01401-8	630.01600-7	630.01425-1	630.01431-1	<td>
10m	630.01440-3	630.01439-3	630.01402-1	630.01402-8	630.01600-8	630.01423-2	630.01423-0	<td>
15m	<td>	630.01439-4	630.01403-1	630.01403-8	630.01600-9	630.01432-2	630.01432-1	<td>
20m	<td>	630.01439-5	630.01422-1	630.01404-8	630.01600-10	630.01434-2	630.01434-1	<td>
25m	630.01435-6	630.01439-6	630.01415-1	<td>	<td>	630.01437-2	630.01437-3	<td>
30m	630.01434-7	<td>	630.01517-1	630.01517-8	<td>	630.01436-2	<td>	<td>
35m	630.01435-8	<td>	630.01416-1	<td>	<td>	630.01416-2	<td>	<td>

<td> = No. will be defined in case of order

Assembled cables

esiMotXL 400V

esiMot421/6.xxx

esiMot422/6.xxx

esiMot431/6.xxx

esiMot432/6.xxx

esiMot433/4.xxx

esiMot441/4.xxx

Länge	Power cable without ballast 3x1,0mm ²			Power cable with ballast 5x1,0mm ²		
	Standard	Drag-chain	ATEX*	Standard	Drag-chain	ATEX*
2m	-	630.01555-0	-	630.01541-0	630.01551-0-	-
5m	-	630.01556-0	-	630.01542-0	630.01552-0	-
10m	-	630.01557-0	-	630.01543-0	630.01553-0	-
15m	-	630.01558-0	-	630.01544-0	630.01554-0	-
20m	-	<tdb>	-	630.01545-0	<tdb>	-
25m	-	<tdb>	-	<tdb>	<tdb>	-
30m	-	<tdb>	-	<tdb>	<tdb>	-
35m	-	<tdb>	-	<tdb>	<tdb>	-

Länge	24V Logic supply cable 2x0,25mm ²		Signal cable 16x0,14mm ²			Signal cable with STO-wires 18x0,14mm ²		
	Drag-chain	ATEX*	Standard	Drag-chain	ATEX*	Standard	Drag-chain	ATEX*
2m	<tdb>	-	630.01400-1	630.01400-8	-	630.01424-1	630.01430-1	-
5m	<tdb>	-	630.01401-1	630.01401-8	-	630.01425-1	630.01431-1	-
10m	630.01440-3	-	630.01402-1	630.01402-8	-	630.01423-2	630.01423-0	-
15m	<tdb>	-	630.01403-1	630.01403-8	-	630.01432-2	630.01432-1	-
20m	<tdb>	-	630.01422-1	630.01404-8	-	630.01434-2	630.01434-1	-
25m	630.01435-6	-	630.01415-1	<tdb>	-	630.01437-2	630.01437-3	-
30m	630.01434-7	-	630.01517-1	630.01517-8	-	630.01436-2	<tdb>	-
35m	630.01435-8	-	630.01416-1	<tdb>	-	630.01416-2	<tdb>	-

*) no ATEX-Version in 400V available

<tdb> = No. will be defined in case of order

Assembled cables

esiMotSL 400V

esiMot551/3.xxx

esiMot552/2.xxx

esiMot554/3.xxx

esiMot555/2.xxx

Length	Power cable without ballast 3x1,0mm ²			Power cable with ballast 5x1,0mm ²		
	Standard	Drag-chain	ATEX*	Standard	Drag-chain	ATEX*
2m	-	<td>	-	-	630.02000-0	-
5m	-	<td>	-	-	630.02001-0	-
10m	-	<td>	-	-	630.02002-0	-
15m	-	<td>	-	-	630.02003-0	-
20m	-	<td>	-	-	630.02004-0	-
25m	-	<td>	-	-	630.02005-0	-
30m	-	<td>	-	-	630.02006-0	-
35m	-	<td>	-	-	630.02007-0	-

Length	24V Logic supply cable 2x0,25mm ²		Signal cable 16x0,14mm ²			Signal cable with STO-wires 18x0,14mm ²		
	Drag-chain	ATEX*	Standard	Drag-chain	ATEX*	Standard	Drag-chain	ATEX*
2m	<td>	-	630.01400-1	630.01400-8	-	630.01424-1	630.01430-1	-
5m	<td>	-	630.01401-1	630.01401-8	-	630.01425-1	630.01431-1	-
10m	630.01440-3	-	630.01402-1	630.01402-8	-	630.01423-2	630.01423-0	-
15m	<td>	-	630.01403-1	630.01403-8	-	630.01432-2	630.01432-1	-
20m	<td>	-	630.01422-1	630.01404-8	-	630.01434-2	630.01434-1	-
25m	630.01435-6	-	630.01415-1	<td>	-	630.01437-2	630.01437-3	-
30m	630.01434-7	-	630.01517-1	630.01517-8	-	630.01436-2	<td>	-
35m	630.01435-8	-	630.01416-1	<td>	-	630.01416-2	<td>	-

*) no ATEX-Version in 400V available

<td> = No. will be defined in case of order

Profibus cables

Length	assembled on one side M12 female 5-pin		assembled on both sides M12 male/female 5-pin	
	Drag-chain	ATEX*	Drag-chain	ATEX*
0,5m	<td>	<td>	630.01421-1	630.01612-0
1m	<td>	<td>	<td>	630.01612-8
2m	630.01400-3	630.01611-1	630.01400-6	630.01612-1
3m	<td>	<td>	<td>	630.01612-5
5m	630.01401-3	630.01611-2	630.01413-1	630.01612-2
8m	<td>	<td>	<td>	630.01612-6
10m	630.01402-2	630.01611-3	630.01414-1	630.01612-3
15m	630.01403-2	630.01611-4	630.01403-6	630.01612-4
20m	630.01404-2	630.01611-5	630.01417-1	630.01612-7
25m	630.01415-2	630.01611-6	<td>	<td>

<td> = No. will be defined in case of order

CAN-Bus cables

Length	assembled on one side M12 female 5-pin		assembled on both sides M12 male/female 5-pin	
	Drag-chain	ATEX*	Drag-chain	ATEX*
0,5m	<td>	<td>	630.01427-0	630.01614-0
1m	<td>	<td>	630.01443-1	<td>
2m	630.01405-0	<td>	630.01405-2	<td>
3m	<td>	<td>	630.01450-1	<td>
4m	<td>	<td>	630.01451-1	<td>
5m	630.01406-0	<td>	630.01406-1	<td>
6m	<td>	<td>	630.01444-1	<td>
8m	<td>	<td>	630.01445-1	<td>
10m	630.01407-0	<td>	630.01407-1	<td>
15m	630.01408-0	<td>	630.01408-1	630.01614-6
20m	630.01410-0	<td>	630.01410-1	<td>

<td> = No. will be defined in case of order

Controls



Servo positioning controller

Suitable for all esiMot, esiMotXL, esiMotSL with PLC-interface. Art.-No.: CPS5.011



Kompakt positioning system for 1 - 6 Axes

Suitable for all esiMot, esiMotXL, esiMotSL with CANopen interface. Art.-No.: CPS500

Optional as complete unit in table top housing, console or cabinet.



Compact positioning controller for 1 Axle

Suitable for all esiMot, esiMotXL, esiMotSL with +/-10V speed set-point (amplifier version) Art.-No.: CPS20

Optional as complete unit in table top housing, console or cabinet.



Compact positioning controller for 1 - 6 Axles

Suitable for all esiMot, esiMotXL, esiMotSL with +/-10V speed set-point (amplifier version) Art.-No.: CPS300

Optional as complete unit in table top housing, console or cabinet.



Automation, Positioning, PLC

Suitable for all esiMot, esiMotXL, esiMotSL with CANopen interface Art.-No.: APS300

Programmable with CoDeSys V2.3

Custom specific programming on request.

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