

ORDER GUIDE

Seldén Power Supply and SEL-Bus system







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Choose one PSU Start pack per boat and one Control pack per drive unit. The packages are designed to include the minimum items necessary for a complete, standard installation. For systems with many drive units or long cable distances, additional cable lengths and sizes might be needed. See section 3 for additional items list. All items listed in the packages are also available to purchase separately.

Seldén Power Supply and SEL-Bus system can be extended at any time by adding extra drive unit(s) and respective control pack.

1. PSU start pack

One PSU start pack is needed per boat. Choose the package by battery voltage (for fuse/switch).

Art. No.	Description		PSU Start pack 12V 532-800-20	PSU Start pack 24V 532-800-30	PSU Start pack (Excl. fuse)* 532-800-40
532-800-10	Power supply unit (PSU)		1	1	1
532-488	Main switch/fuse 100A, (12v)		1	-	-
532-492	Main switch/fuse 60A, (24v)		-	1	-
532-835	SEL-Bus terminal, Female.	<i>Ends of backbone</i> 	1	1	1
532-836	SEL-Bus terminal, Male		1	1	1
532-839	SEL-Bus T-connector (Female/Female/Male)	<i>Connects drop cables to backbone</i> 	1	1	1
531-101	SEL-Bus cable (Female/Male) 0,3M	<i>Drop cable/Backbone</i> 	1	1	1
531-104	SEL-Bus cable (Female/Male) 5M		2	2	2
531-048-10	Power Cable Pack, 2x10m**	<i>6mm² (yellow/dark blue) Connects PSU to MCU(s)</i>	1	1	1
597-275-E	I:MANUAL, EL.SYSTEM INSTALL.		1	1	1

*If custom fuse or integrated fuse/switch is to be used. Recommended size 12V=120-160A (fast acting) or 100-120A (with time delay), 24V=60-75A (fast acting) or 50-60A (with time delay).






**Max total length of power cable (sum of plus and minus cables) from PSU to MCU is 18m (2x9m). If longer cables are needed, increase cable area (see section 3: optional items).







2. Drive Unit Control pack(s)

Select one control pack for each drive unit. A "drive unit" is an electrically powered function such as a Furlex Electric. Choose the package by function, size and push button option.




CONTROL PACK FURLEX ELECTRIC size 200/204

CONTROL PACK FURLEX ELECTRIC size 300/304

Art. No.	Description		CONTROL PACK FURLEX ELECTRIC size 200/204			CONTROL PACK FURLEX ELECTRIC size 300/304		
			Genoa 532-828-60	Cutter 532-815-61	(Excl. buttons) 532-815-62	Genoa 532-815-63	Cutter 532-815-64	(Excl. buttons) 532-815-65
532-815-20	MCU (Motor Control Unit) Furlex 200/204E		1	1	1	-	-	-
532-815-21	MCU Furlex 300/304E		-	-	-	1	1	1
540-459-06	Push button assembly GENOA IN/OUT		1	-	-	1	-	-
540-459-09	Push button assembly CUTTER IN/OUT		-	1	-	-	1	-
532-827-01	SEL-Bus Push button converter for Furlex (excl buttons)		1	1	1	1	1	1
532-839	SEL-Bus T-connector (Female/Female/Male)		2	2	2	2	2	2
531-102	SEL-Bus cable (Female/Male), 1 M		1	1	1	1	1	1
531-103	SEL-Bus cable (Female/Male), 2 M		1	1	1	1	1	1

Art. No.	Description		SMF - SYNCHRONIZED MAIN FURLING					
			CONTROL PACK E40i BASIC = For line handling only		CONTROL PACK ELECTRIC FURLING MAST size RB		CONTROL PACK E40i SYNC = For line handling and SMF	
				(Excl. buttons)		(Excl. buttons)		(Excl. buttons)
			532-815-80	532-815-81	532-815-72	532-815-73	532-815-82	532-815-83
532-815-33	MCU (Motor Control Unit), Electric furling mast for SMF		-	-	1	1	-	-
532-815-40	MCU, winch E40i BASIC		1	1	-	-	-	-
532-815-41	MCU, winch E40i SYNC		-	-	-	-	1	1
540-457-01	Push button assembly for winch E40i 1/2		1	-	-	-	1	-
540-459-07	Push button assembly MAIN IN/OUT		-	-	1	-	-	-
532-827-01	SEL-Bus Push button converter for Winch (excl buttons)		1	1	-	-	1	1
532-827-02	SEL-Bus Push button converter for electric furling mast (excl buttons)		-	-	1	1	-	-
540-482	Protective cover		1	-	-	-	1	-
532-839	SEL-Bus T-connector (Female/Female/Male)		2	2	2	2	2	2
531-102	SEL-Bus cable (Female/Male), 1 M		1	1	1	1	1	1
531-103	SEL-Bus cable (Female/Male), 2 M		1	1	1	1	1	1

3. Optional items

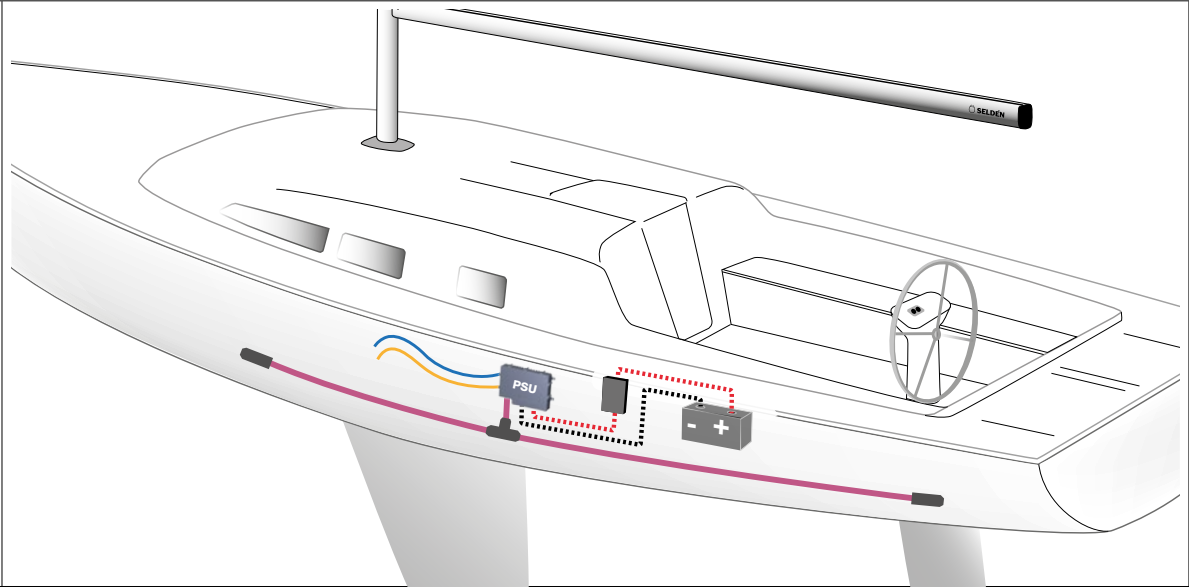
Flat button panel, stainless steel (1 button), 56x56 mm	540-461-01		<i>Panel to be used if buttons are mounted in a laminate thicker than 5mm</i>
Flat button panel, stainless steel (2 buttons) 100x56 mm	540-462-01		
Raised button panel, black polyamide (2 buttons) 96x53 mm	540-482		<i>Buttons are recessed to decrease risk of involuntary activation. Included by default in control pack for Winch (532-815-80, 532-815-82).</i>
Connection box with cable glands	532-487-01		<i>Watertight connector for connection cables (drive unit to MCU). Included by default in Furlex Electric above deck Basic Pack.</i>

Optional cables/cable lengths

SEL-Bus cables	SEL-Bus cable (Female/Male), 0.3 M	531-101	<i>Backbone and drop cable</i>
	SEL-Bus cable (Female/Male), 1 M	531-102	
	SEL-Bus cable (Female/Male), 2 M	531-103	
	SEL-Bus cable (Female/Male), 5 M	531-104	
	SEL-Bus cable (Female/Male), 10 M	531-105	<i>Backbone only</i>

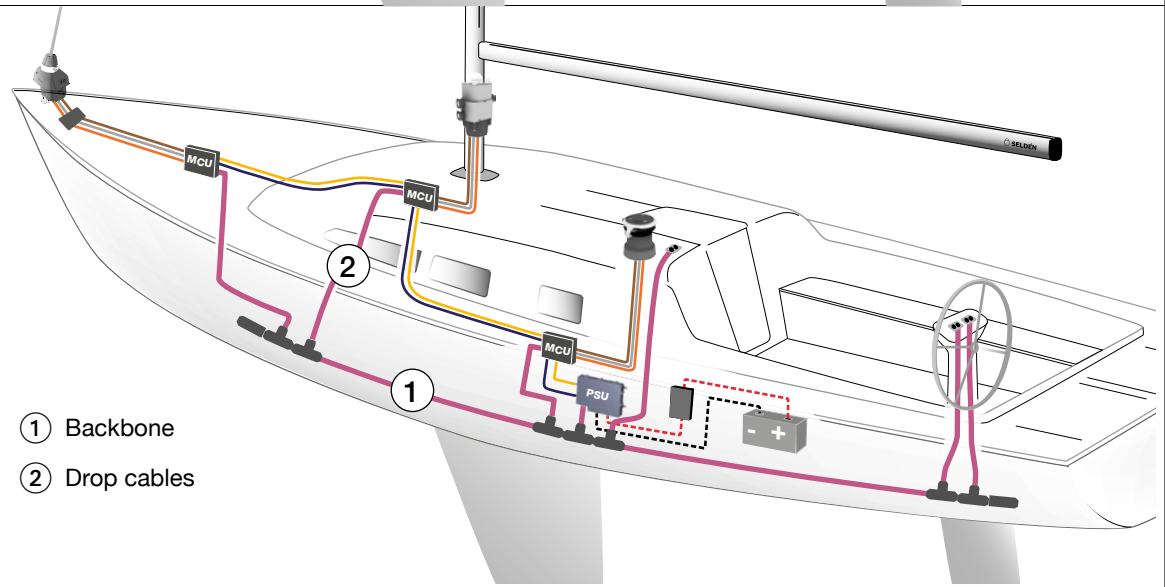
Power cables	Power cable 6mm, Yellow	531-048	<i>Ø6mm² Total max length (sum of plus and minus cables) from PSU to MCU = 18m (2x9m).</i>
	Power cable 6mm, Dark Blue	531-049	
	Power cable 10mm, Yellow	531-050	<i>Ø10mm² Total max length (sum of plus and minus cables) from PSU to MCU = 40m (2x20m).</i>
	Power cable 10mm Dark Blue	531-051	

PSU start pack



Example of installation with power supply and SEL-Bus system, **Furlex Electric 204E** and **Synchronized Main Furling** (Electric furling mast and E40i Winch) in boat with 12V power system.

QTY	Package	Description
1	532-800-20	PSU Start pack 12V
1	532-815-60	Control Pack F200/204E Genoa
1	532-815-72	Control Pack Main RB SYNC
1	532-815-82	Control Pack E40i RB SYNC



- ① Backbone
- ② Drop cables