

## 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 <b>532-800-20</b>	PSU Start pack 24V <b>532-800-30</b>	PSU Start pack (Excl. fuse)* <b>532-800-40</b>
<b>532-800-10</b>	Power supply unit (PSU)		1	1	1
<b>532-488</b>	Main switch/fuse 100A, (12v)		1	-	-
<b>532-492</b>	Main switch/fuse 60A, (24v)		-	1	-
<b>532-835</b>	SEL-Bus terminal, Female.	<i>Ends of backbone</i> 	1	1	1
<b>532-836</b>	SEL-Bus terminal, Male		1	1	1
<b>532-839</b>	SEL-Bus T-connector (Female/Female/Male)	<i>Connects drop cables to backbone</i> 	1	1	1
<b>531-101</b>	SEL-Bus cable (Female/Male) 0,3M	<i>Drop cable/Backbone</i> 	1	1	1
<b>531-104</b>	SEL-Bus cable (Female/Male) 5M		2	2	2
<b>531-048-10</b>	Power Cable Pack, 2x10m**	<i>6mm<sup>2</sup> (yellow/dark blue) Connects PSU to MCU(s)</i>	1	1	1
<b>597-275-E</b>	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

Art. No.	Description		200/204			300/304			400/404		
			Genoa	Cutter	(Excl. buttons)	Genoa	Cutter	(Excl. buttons)	Genoa	Cutter	(Excl. buttons)
			532-815-60	532-815-61	532-815-62	532-815-63	532-815-64	532-815-65	532-815-66	532-815-67	532-815-68
532-815-20	MCU (Motor Control Unit) Furlex 200/204E		1	1	1	-	-	-	-	-	-
532-815-21	MCU (Motor Control Unit) Furlex 300/304E		-	-	-	1	1	1	-	-	-
532-815-22	MCU (Motor Control Unit) Furlex 400/404E		-	-	-	-	-	-	1	1	1
540-459-06	Push button assembly GENOA IN/OUT		1	-	-	1	-	-	1	-	-
540-459-09	Push button assembly CUTTER IN/OUT		-	1	-	-	1	-	-	1	-
532-827-01	SEL-Bus Push button converter for Furlex (excl buttons)		1	1	1	1	1	1	1	1	1
532-839	SEL-Bus T-connector (Female/Female/Male)		2	2	2	2	2	2	2	2	2
531-102	SEL-Bus cable (Female/Male), 1 M		1	1	1	1	1	1	0	0	0
531-103	SEL-Bus cable (Female/Male), 2 M		1	1	1	1	1	1	2	2	2

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

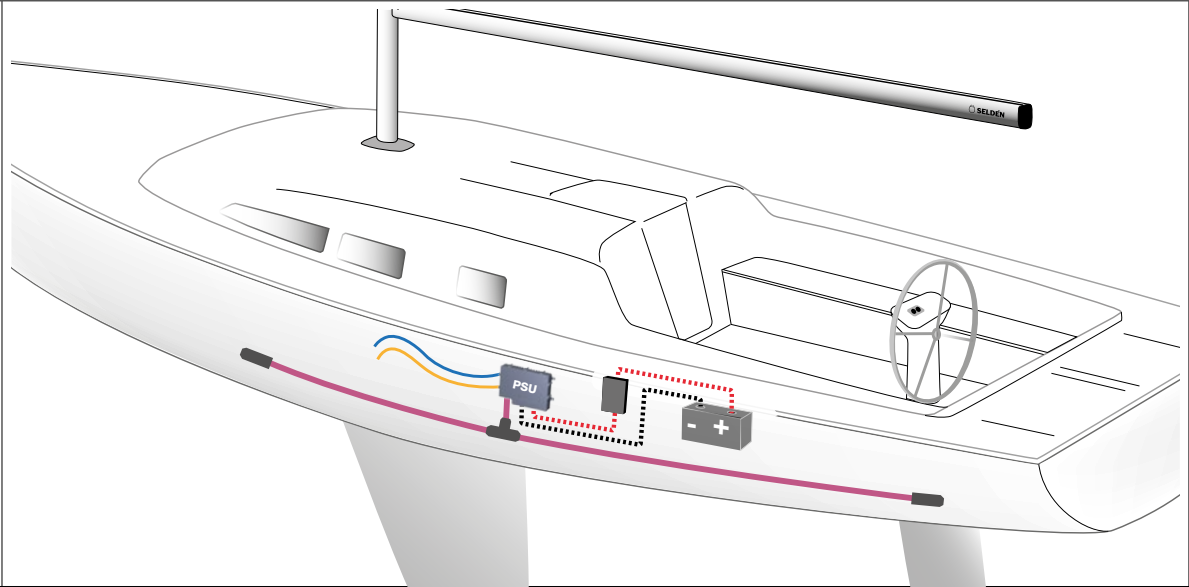
Flat button panel, stainless steel (1 button), 56x56 mm	<b>540-461-01</b>		<i>Panel to be used if buttons are mounted in a laminate thicker than 5mm</i>
Flat button panel, stainless steel (2 buttons) 100x56 mm	<b>540-462-01</b>		
Raised button panel, black polyamide (2 buttons) 96x53 mm	<b>540-482</b>		<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	<b>532-487-01</b>		<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	<b>531-101</b>	<i>Backbone and drop cable</i>
	SEL-Bus cable (Female/Male), 1 M	<b>531-102</b>	
	SEL-Bus cable (Female/Male), 2 M	<b>531-103</b>	
	SEL-Bus cable (Female/Male), 5 M	<b>531-104</b>	
	SEL-Bus cable (Female/Male), 10 M	<b>531-105</b>	<i>Backbone only</i>

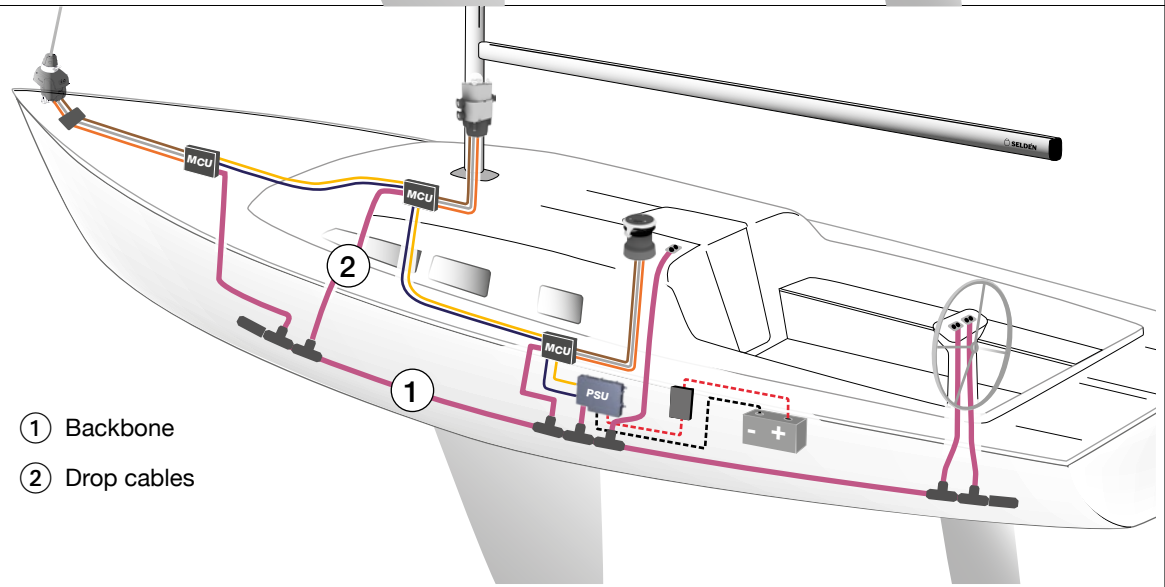
Power cables	Power cable 6mm, Yellow	<b>531-048</b>	<i>Ø6mm<sup>2</sup> Total max length (sum of plus and minus cables) from PSU to MCU = 18m (2x9m).</i>
	Power cable 6mm, Dark Blue	<b>531-049</b>	
	Power cable 10mm, Yellow	<b>531-050</b>	<i>Ø10mm<sup>2</sup> Total max length (sum of plus and minus cables) from PSU to MCU = 40m (2x20m).</i>
	Power cable 10mm Dark Blue	<b>531-051</b>	

**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