Wiring of S-link system

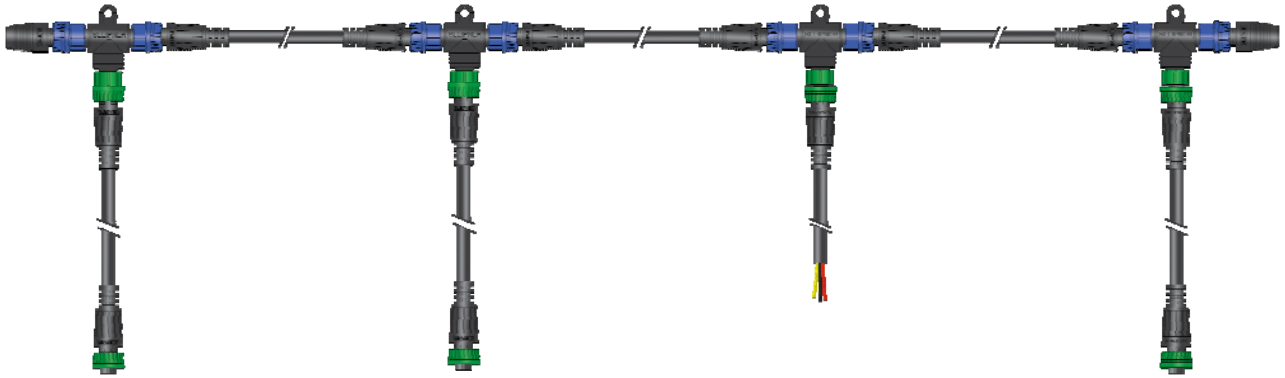
Explaining S-link

S-link is a ”CanBus” based control system with full intelligent communication between all units in the system, much like a computer network.

Main advantages include:

- Round, compact and waterproof plugs with unique keying to avoid faulty hookup
- Unlimited number of commands or information transfer on a single cable
- Proprietary Sleipner commands, but built 100% on NMEA 2000 standard

Example of wiring



Bow thruster | Automatic mainswitch | Power supply | Control panel

S-link cable parts

Backbone cables

Forms the main ”loop” around the boat
Part #: 6 1320-xxM (xx=length)

- 0,2 m
- 2,0 m
- 4,0 m
- 7,0 m
- 10,0 m
- 15,0 m
- 20,0 m

Spur cables

Must be used to connect all parts to the backbone cable (one for each component, no exeptions), recommended to be as short as practically possible
Part #: 6 1321-xxM (xx=length)

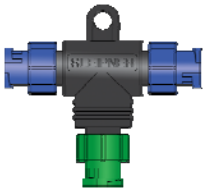
- 0,4 m
- 1,0 m
- 3,0 m
- 5,0 m

Power cable (spur)

Must be one in each system, delivered in the length of 2,5m
Part #: 6 1328

T-connector

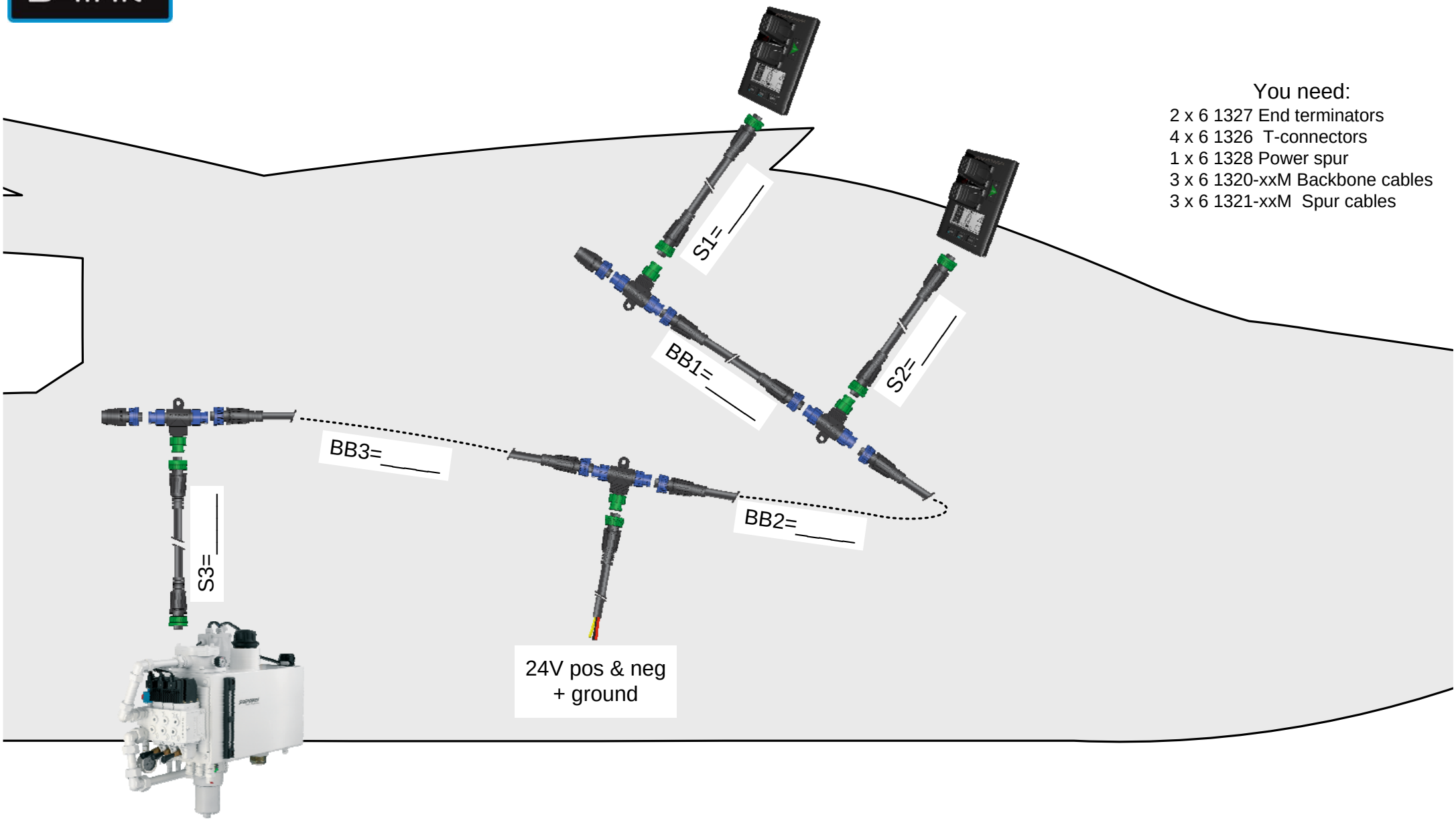
Must be one for each spur, including the power cable
Part #: 6 1326



End terminator

Must be one in each end of the backbone ”loop”
Part #: 6 1327

Example of the control wiring with S-link system for boats with two control positions and hydraulic thruster system.



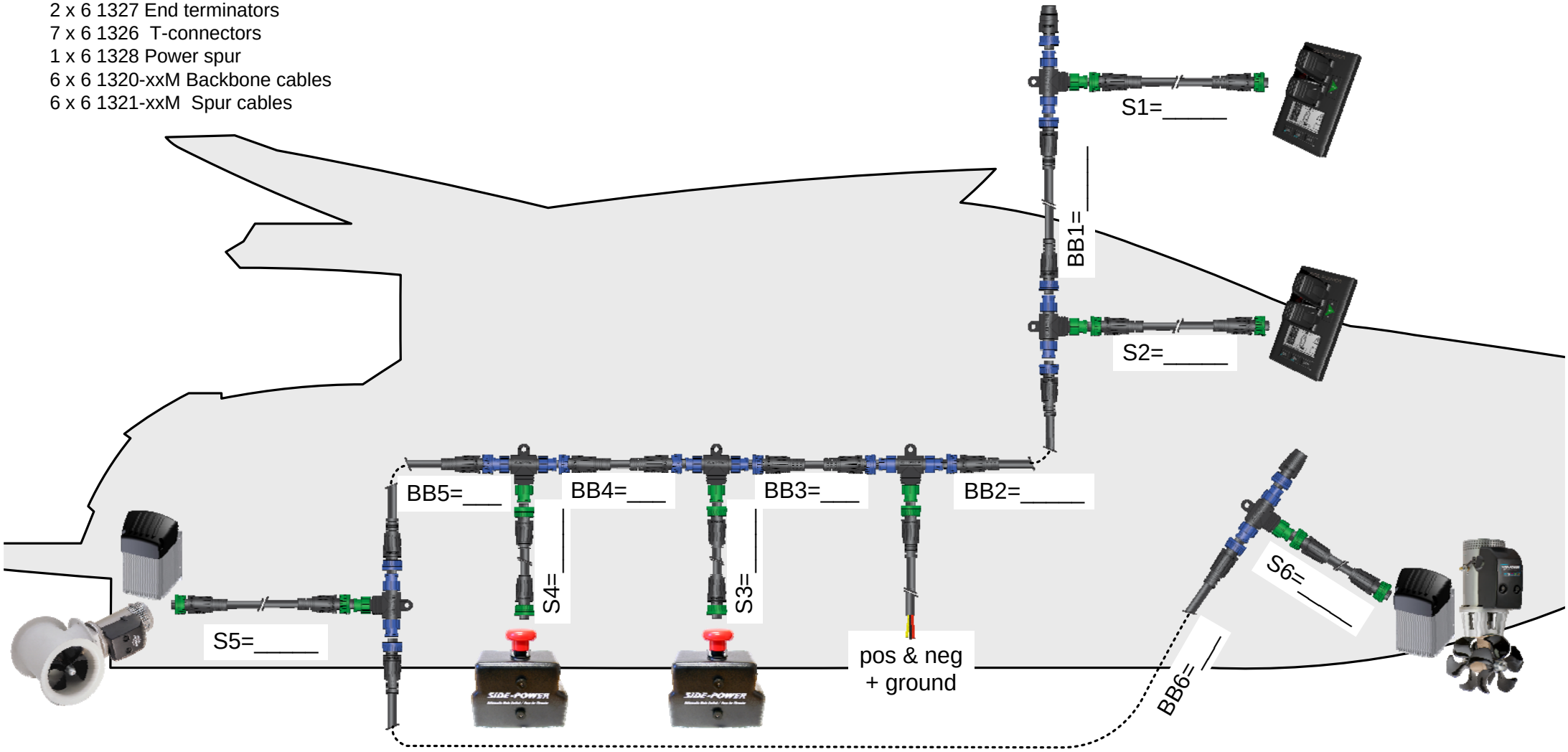
You need:

2 x 6 1327 End terminators
4 x 6 1326 T-connectors
1 x 6 1328 Power spur
3 x 6 1320-xxM Backbone cables
3 x 6 1321-xxM Spur cables

Example of the control wiring with S-link system for boats with two control positions and two DC proportional thrusters.

You need:

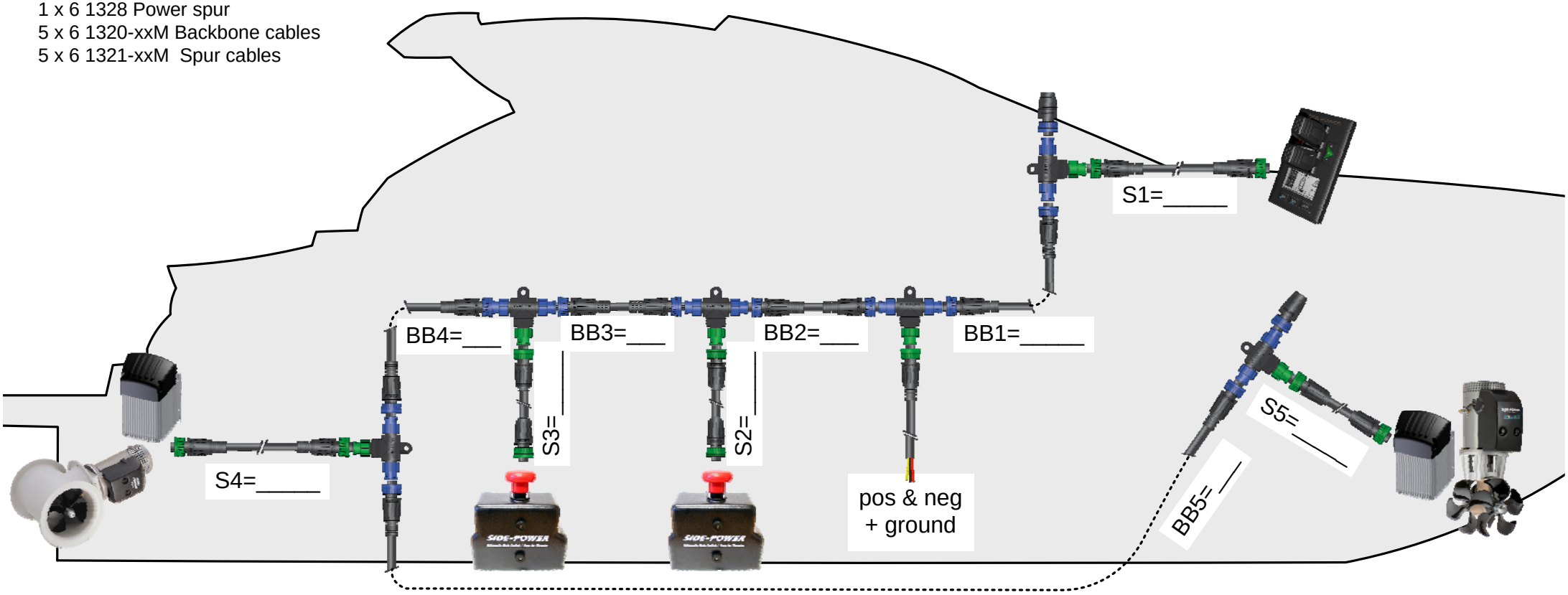
2 x 6 1327 End terminators
7 x 6 1326 T-connectors
1 x 6 1328 Power spur
6 x 6 1320-xxM Backbone cables
6 x 6 1321-xxM Spur cables



Example of the control wiring with S-link system for boats with one control positions and two DC proportional thrusters.

You need:

2 x 6 1327 End terminators
6 x 6 1326 T-connectors
1 x 6 1328 Power spur
5 x 6 1320-xxM Backbone cables
5 x 6 1321-xxM Spur cables



Example of the control wiring with S-link system for boats with one control position and one retractable thruster.

You need:
2 x 6 1327 End terminators
3 x 6 1326 T-connectors
1 x 6 1328 Power spur
2 x 6 1320-xxM Backbone cables
2 x 6 1321-xxM Spur cables