

Supernode Extras

PROGRAMMABLE MODULES TO EXTEND YOUR SUPERNODE SYSTEM



Automotive applications
Type approved: e marked

Supernode Extras work seamlessly with the Supernode and would be considered for projects that require any or all of the following:

- IP65 rated switch panels
- additional inputs and/or outputs
- A distributed system with locally placed modules (switches or loads)
- An information display

Adding the extras to the Supernode is simplicity itself: using the Es-key Pro software the additional modules are added to the layout by the click of a mouse, and a 3 wire connection to the CANbus.

Extras include:

Touch screen monitor

Information Display Module (IDM)

Power Distribution modules (PDM)

Switch Input Modules (SIM)

Switch Output Modules (SOM)

Smart Programmable Switch Panels (SPS)

Pre built looms

FEATURES

- 12V or 24V installation
- Configurable touch screen monitor
- IP65 Packaging
- Waterproof switches
- 4 line information display
- Prebuilt looms

Power Modules

If 24 outputs are insufficient or you want to locate a node in another location on the vehicle, you can add one of many different modules which offer choices of inputs, outputs and current ratings in various combinations.

Information Display

This display allows you to provide pre-configured information and warning messages, which are normally set to appear when an event happens, eg "Door open", "Bulb failure" etc.

SPS Smart Switches

A range of IP rated ruggedised switches suitable for exterior use. These are available in arrays of 4, 8 or 16 buttons. (more details overleaf). Each individual switch button is illuminated and can be set to operate in a variety of ways such as "rocker" (using 2 buttons), "momentary action" "dimming" and "master". Each switch lamp is also programmable to be on, off, flashing according to what the switch is doing. The switch panel comes with a dimmable backlight and interchangeable, user configured legends.

Data switch inputs

These modules allow you to extend the input capability using your own switches.

Looms

A full range of pre-built looms are available, saving time and money.



FM 37786
ISO 9001:2008













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engineering with answers

Supernode Extras

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Device	Device Description	Device Part Number	5m Cable description and P/No (other lengths available, call for details)
	Es-Key 4 line Information Centre (IDM)	85-103384	Info Centre loom Power, 5m: 85041 CANBUS tail 90cm: 85042
	Smart Programmable Switch (SPS) 4 Button Panel	85-109342	SPS Cable loom CANBUS only (with no local inputs*:) 85008 CANBUS and up to 3 local inputs*: 85007 * local inputs are inputs to the SPS panel, eg handbrake interlock
	Smart Programmable Switch (SPS) 8 Button Panel	85-109343	
	Smart Programmable Switch (SPS) 16 Button Panel	85-109344	
	Power Distribution Module (PDM) 8 output (7.5A)	85-104434	PDM (8OUT) Loom: 85003
	Power Distribution Module (PDM) 6 output (7.5A)/2 input	85-104528	PDM (8OUT/2IN) loom 85004
	Power Distribution Module (PDM) 4 output(7.5A)/4 input	85-104529	PDM (4OUT/4IN) loom 85005
	Power Distribution Module (PDM) 4 +output / 4 -output (7.5A)	85-105071	PDM (4POS/NEG) loom 85006
	Switch Input Module (SIM) 16 polarity selectable	85-104508	SIM (16IN) loom 85009
	Switch Input Module (SIM) 16 polarity selectable +3 out	85-104462	SIM (16IN/3OUT) loom 85010
	Switch Output Module (SOM) 16 x 0.25A	Pos = 85-104467 Neg = 85-104670 Mix = 85-104708	SOM (16OUT)loom 85011
	Supernode USM+24OUT+24IN+ DATALOGGER	85-108138	Supernode looms: Data loom = 85000 Power loom (Grey) = 85001 Power loom (Black) = 85002 DC power cable KIT = 85040 Includes 2 x power cables, 50A, fuse h/shrink
CANBUS LOOMING	Can bus Link (0.5m/1m/2m/3m/5m/7m) 85020-85025 Can Bus tail (Supernode 30cm) 85028 Can Bus tail (PDN) 40/50/60/70/80cm) 85029-85033 CANBUS Connector block = 2 circuit 64382 , 3 circuit 84383		
COMPUTER CONNECTION	Serial Connection D type 9pin = 85027 Serial computer connection lead = 64643 USB/Serial converter = 64644		