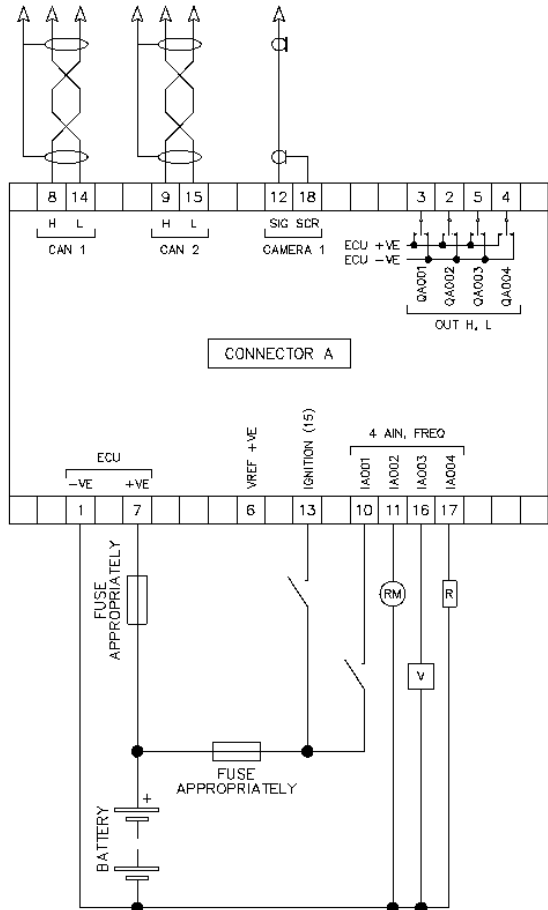


TYPICAL CONNECTIONS



FUSING

Select fuses appropriately to protect the circuits connected to the device's outputs.

Description	Specification
DC Supply (Pin A7) Supplies M840 and High Current Outputs Fuse as Required by Output Loads (Pins A2, A3, A4, A5)	3 A Max (to supply M840 along with no output loads on Pins A2, A3, A4, A5). 10 A Max (to supply M840 with outputs fully loaded on Pins A2, A3, A4, A5).
Ignition (15) (Pin A13)	1 A Max



These instructions are intended as a quick guide only. For complete instructions and specifications, refer to DSE publication *057-248 DSEM840 Operator Manual* available from www.deepseapl.com.

NOTE: Ignition (Pin A13) must be utilised correctly to enable / disable the application program. This ensures that logs and other changed parameters are stored when the Ignition is switched off.

NOTE: Cables / wires must be installed as indicated by the manufacturer to prevent water entering the device. Part number of suitable connectors are detailed in DSE publication *057-248 DSEM840 Operator Manual* available from www.deepseapl.com.

NOTE: Interference coupling must be avoided by correctly handling unused cable cores.

NOTE: To ensure IP67 rating the supplied M12 protection plugs must be installed in both the USB and Ethernet interfaces when not in use.

NOTE: Software and associated Device Descriptors are available from www.deepseapl.com.

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DIMENSIONS

Description	Specification
Overall Dimensions (Height x Width x Depth)	208 mm x 131 mm x 56 mm (8.18 " x 5.14 " x 2.19 ")
Mounting Type	4 x mounting bolts or RAM mount.
Overall Weight	<1 kg (2.2 lb)
Fascia Mounting Holes	Suitable for M5 bolts (0.3 " holes)
Fascia Mounting Hole Centres	See Diagram
Panel Cut-Out	163 mm x 98 mm (6.42 " x 3.86 ")
Fascia Mounting Bolt Material Recommendation	Steel or Stainless Steel
Fascia Mounting Bolt Tightening Torque to prevent distortion of the sealing gasket and subsequent seal failure / mechanical damage to the controller.	1.2 Nm Maximum (0.9 ft. lb Maximum)
RAM Mounting Holes	Suitable for M5 bolts (0.3 " holes)
RAM Mounting Hole Centres	30 mm x 38 mm (1.19 " x 1.50 ")
RAM Mounting Bolt Material Recommendation	Steel or Stainless Steel
RAM Mounting Bolt Tightening Torque	4 Nm Maximum (2.95 ft. lb Maximum)

CONNECTORS, HARNESSSES AND SPARE PARTS

Description	DSE Part	Manufacturer Details	
M840 Connector	007-850	DT16-18SA-K004	TE / Deutsch
Connector Pin Crimp (0.5 mm ² to 1.0 mm ²)	N/A	0462-201-16	TE
Connector Pin Crimp (2 mm ²)		0462-209-16	TE
M840 Connector Harness Kit	016-168	N/A	DSE
M12 to Ethernet Cable	016-160	VS-M12MS-IP20-93R-L1/2	Phoenix
M12 to USB Cable	016-161	N/A	DSE
Belden 9841 (CAN Cable)	016-030	9841	Belden
Panel Mounting Sealing Gasket	020-602	N/A	DSE

DIMENSIONS DIAGRAM

