

Legend

VP Wiring

VP Supply

Yard Wiring

Yard Supply

	Customer/Shipyard:	File Name: SEM-051114-46H	Drawing no.
	Hull No:	Drawn by: RJ	SEM-051114-46H
	Engine: D16MG RC EME Electrical Starter	Based on software: 21654503_P01	Project no.
	Page Title: Single line diagram - System layout	Date For Last Change: 2014-04-23 15:05:38	Page 1 of 8

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38

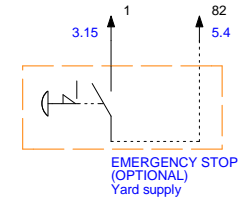
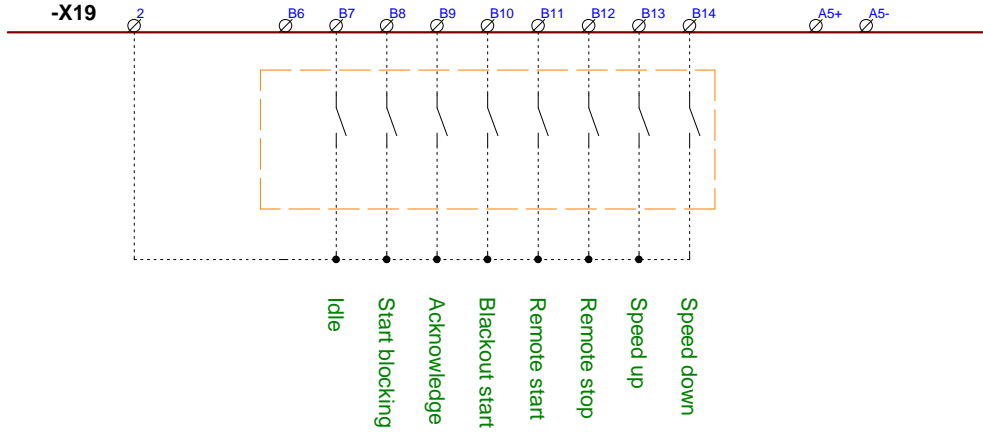
Inputs

Customer Interface

All terminals X1 through X19 are located in the system connection box mounted on a bracket at the rear of the genset.

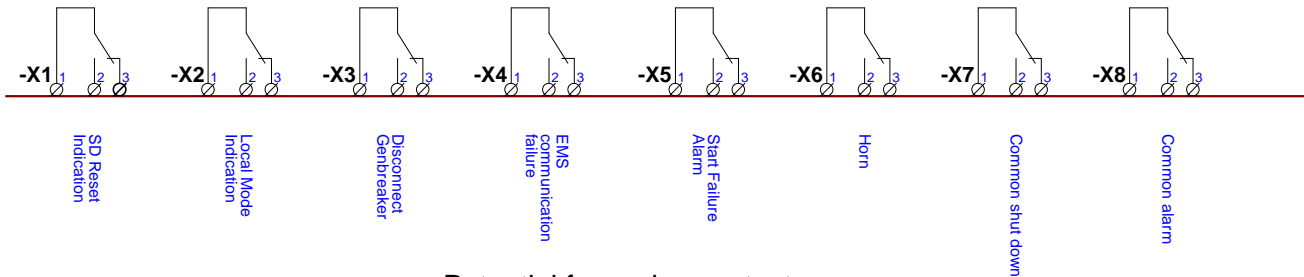
Optional rpm signals from load sharing and synchr. units. Implemented by Volvo Penta on request

Contacts for speed up and down (default)
Voltage: ±1V
Resistance: 0-250 Ohm, 0-2.4 kOhm
Current: ±20 mA

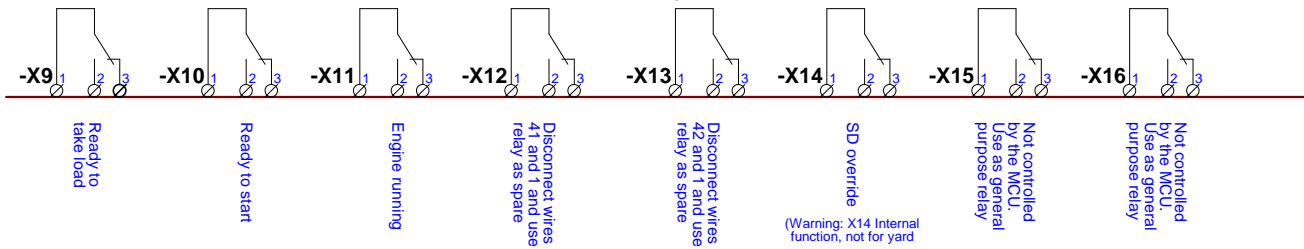


Outputs

Potential free relay contacts

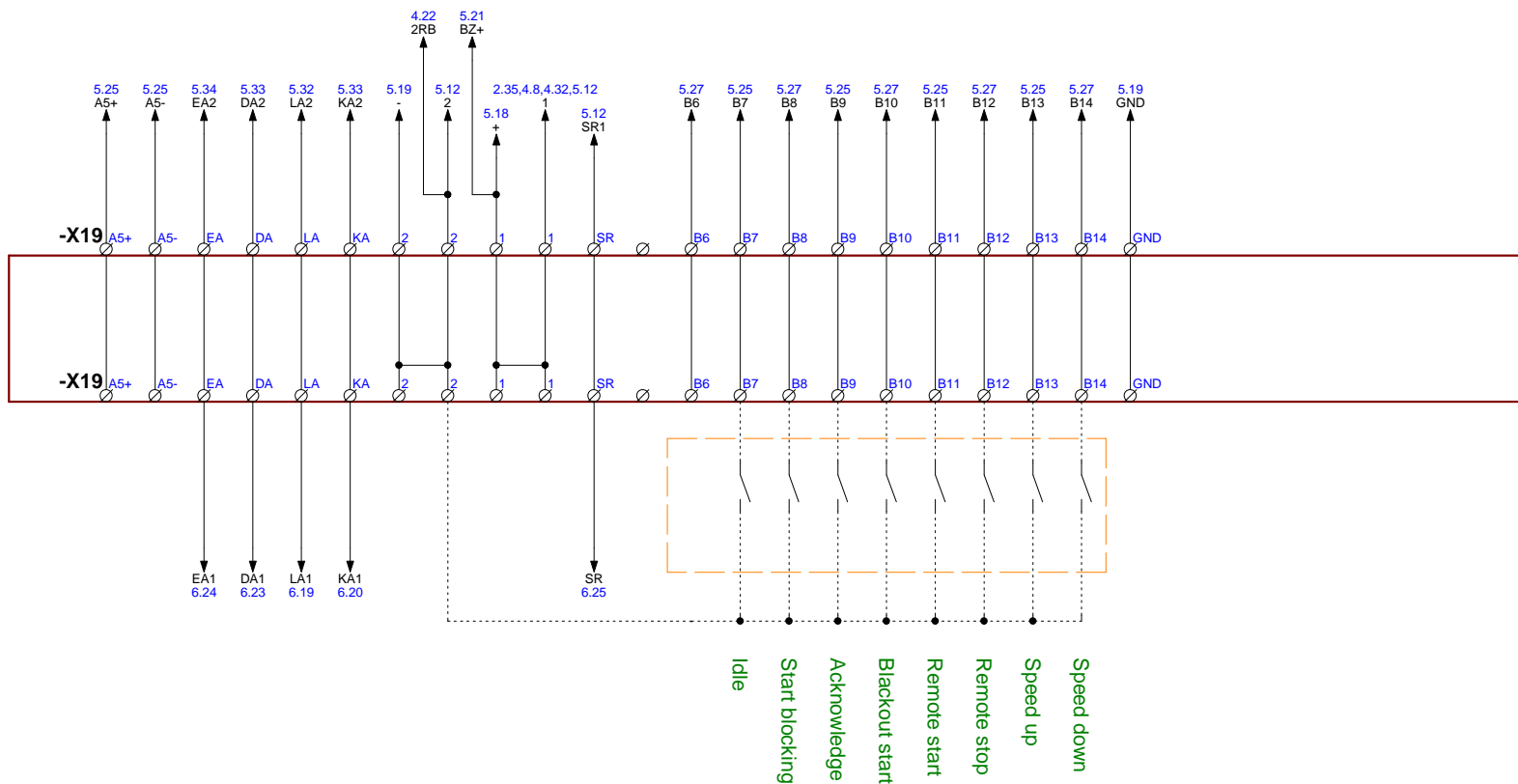


Potential free relay contacts



Customer/Shipyard:	File Name: SEM-051114-46H	Drawing no.
Hull No:	Drawn by: RJ	SEM-051114-46H
Engine: D16MG RC EME Electrical Starter	Based on software: 21654503_P01	Project no.
Page Title: Customer Interface	Date For Last Change: 2014-03-04 10:03:06	Page 2 of 8

System Connection Box

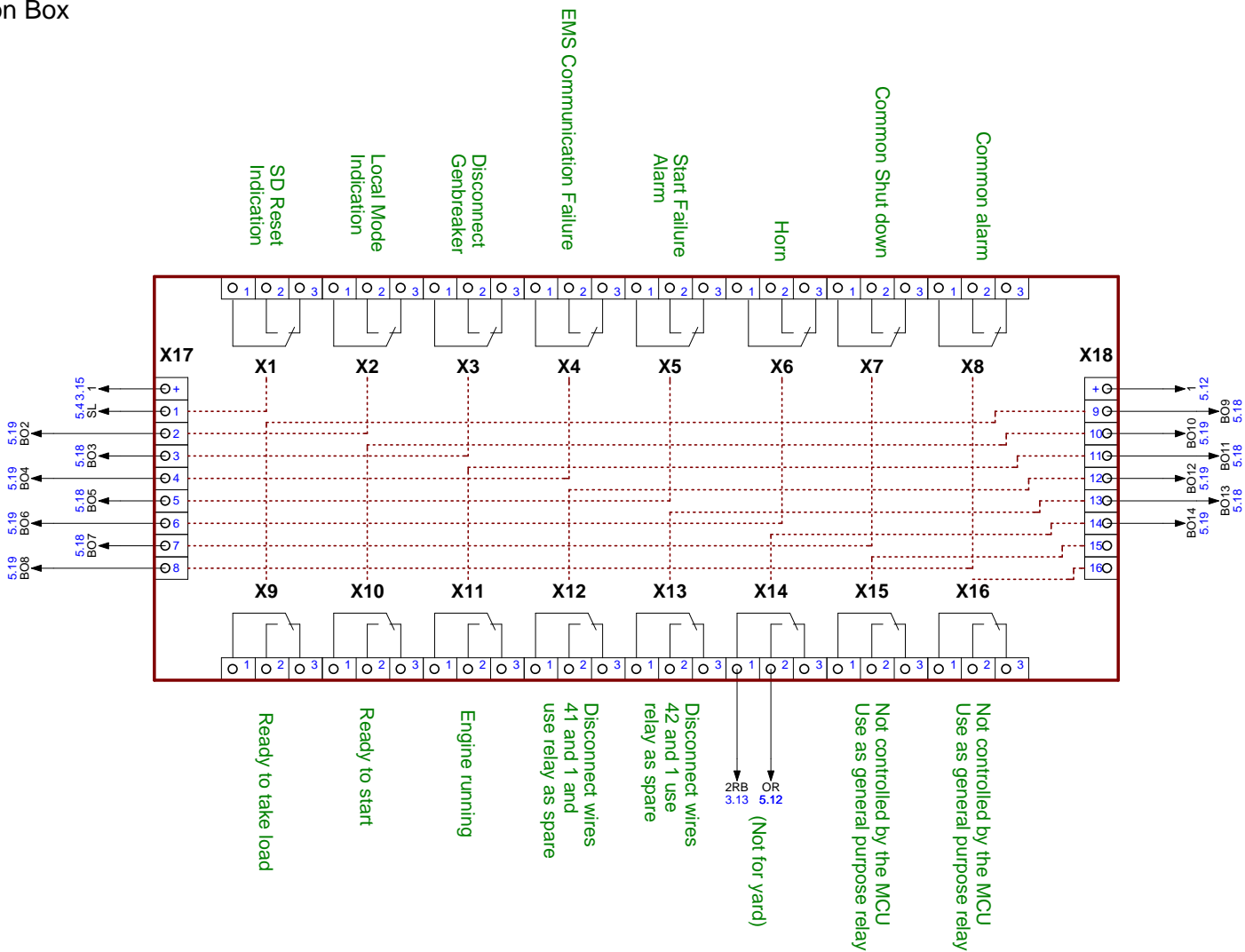


Customer/Shipyard:
 Hull No:
 Engine: D16MG RC EME Electrical Starter
 Page Title: User inputs , -X19 terminals

File Name: SEM-051114-46H
 Drawn by: RJ
 Based on software: 21654503_P01
 Date For Last Change: 2014-03-04 10:00:54

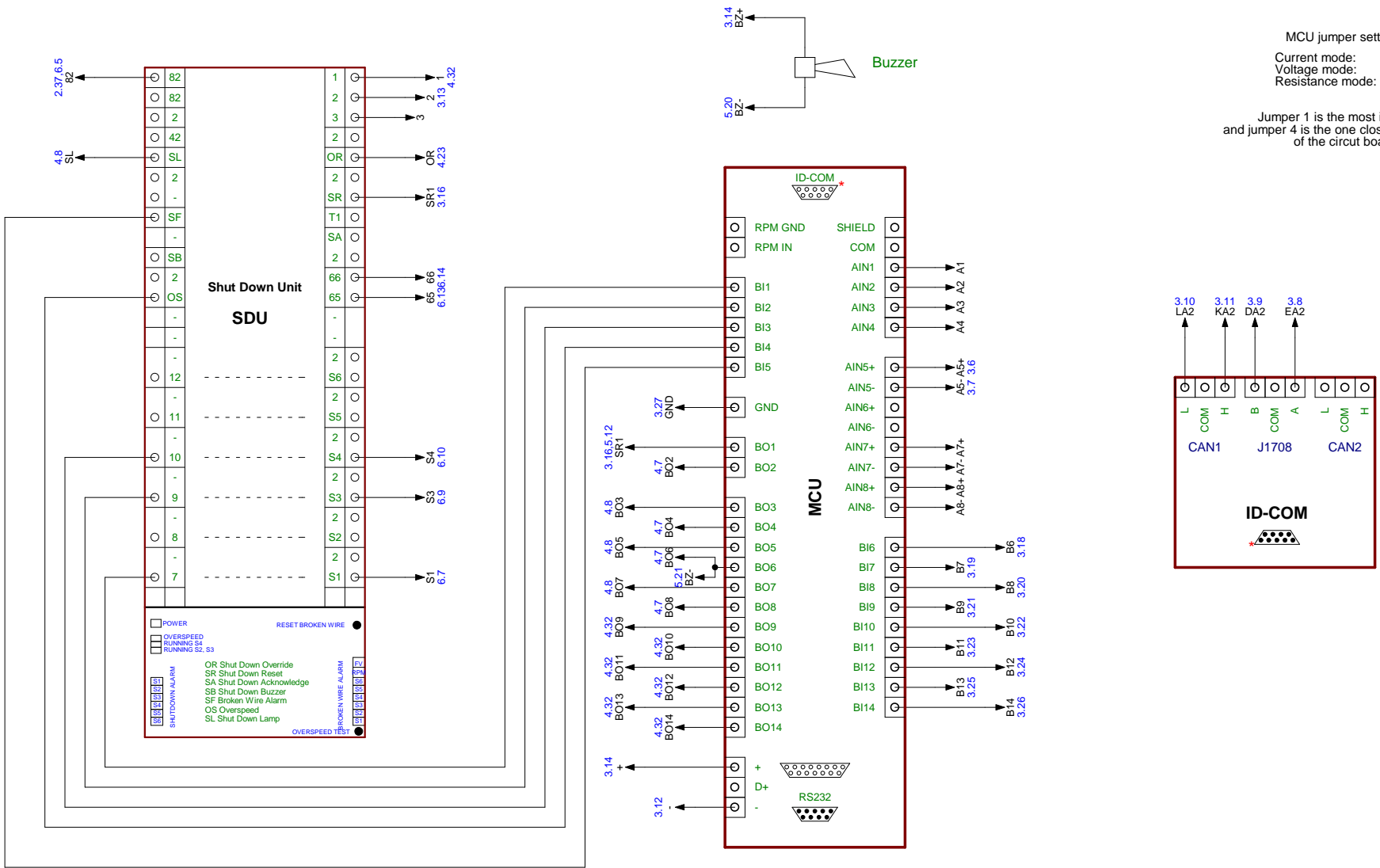
Drawing no.
SEM-051114-46H
 Project no.
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System Connection Box



Customer/Shipyard:	File Name: SEM-051114-46H	Drawing no. SEM-051114-46H
Hull No:	Drawn by: RJ	Project no.
Engine: D16MG RC EME Electrical Starter	Based on software: 21654503_P01	Page 4 of 8
Page Title: Potential free contacts	Date For Last Change: 2014-03-04 10:10:48	

System Connection Box

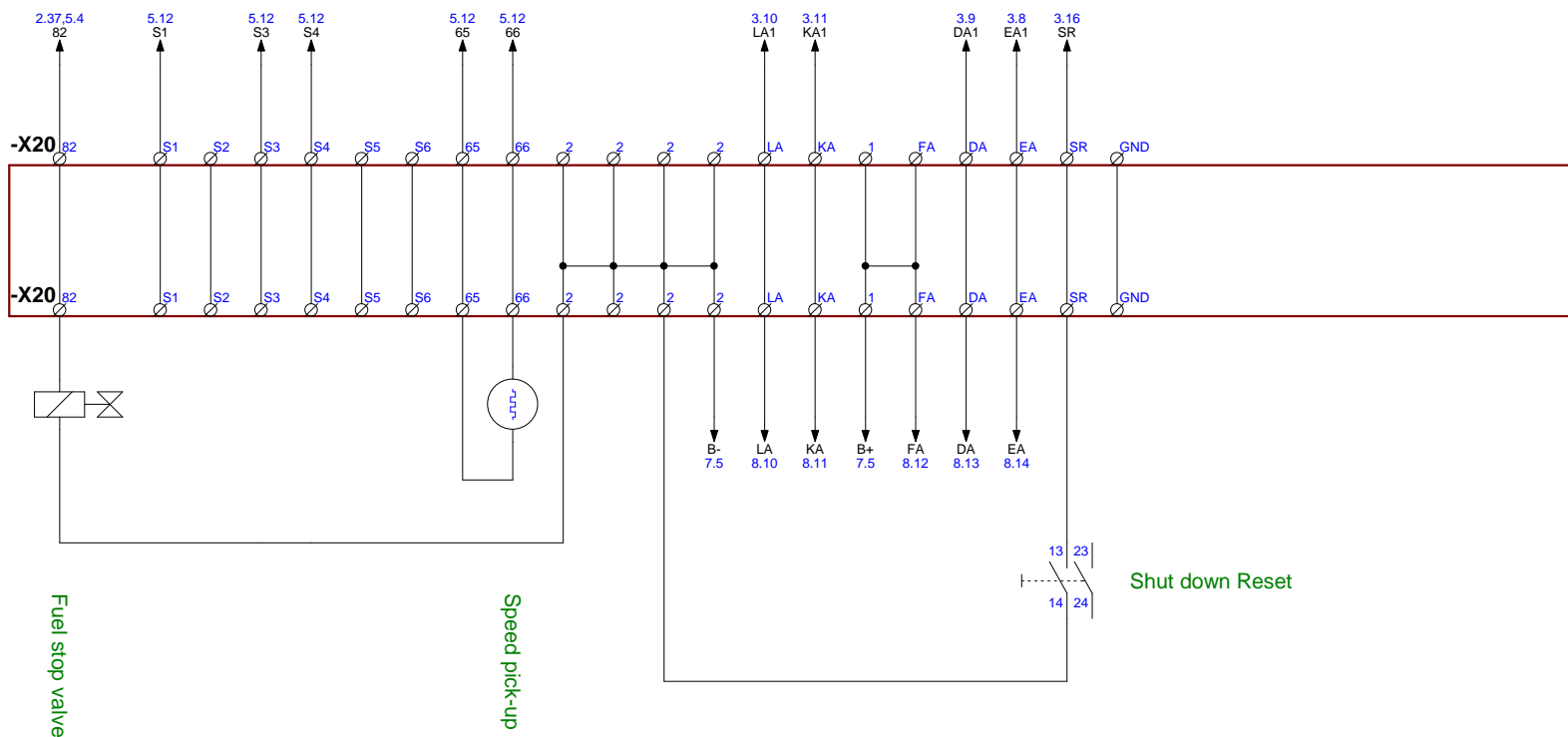


Customer/Shipyard:
 Hull No:
 Engine: D16MG RC EME Electrical Starter
 Page Title: MCU, SDU and ID-COM

File Name: SEM-051114-46H
 Drawn by: RJ
 Based on software: 21654503_P01
 Date For Last Change: 2014-03-04 10:37:20

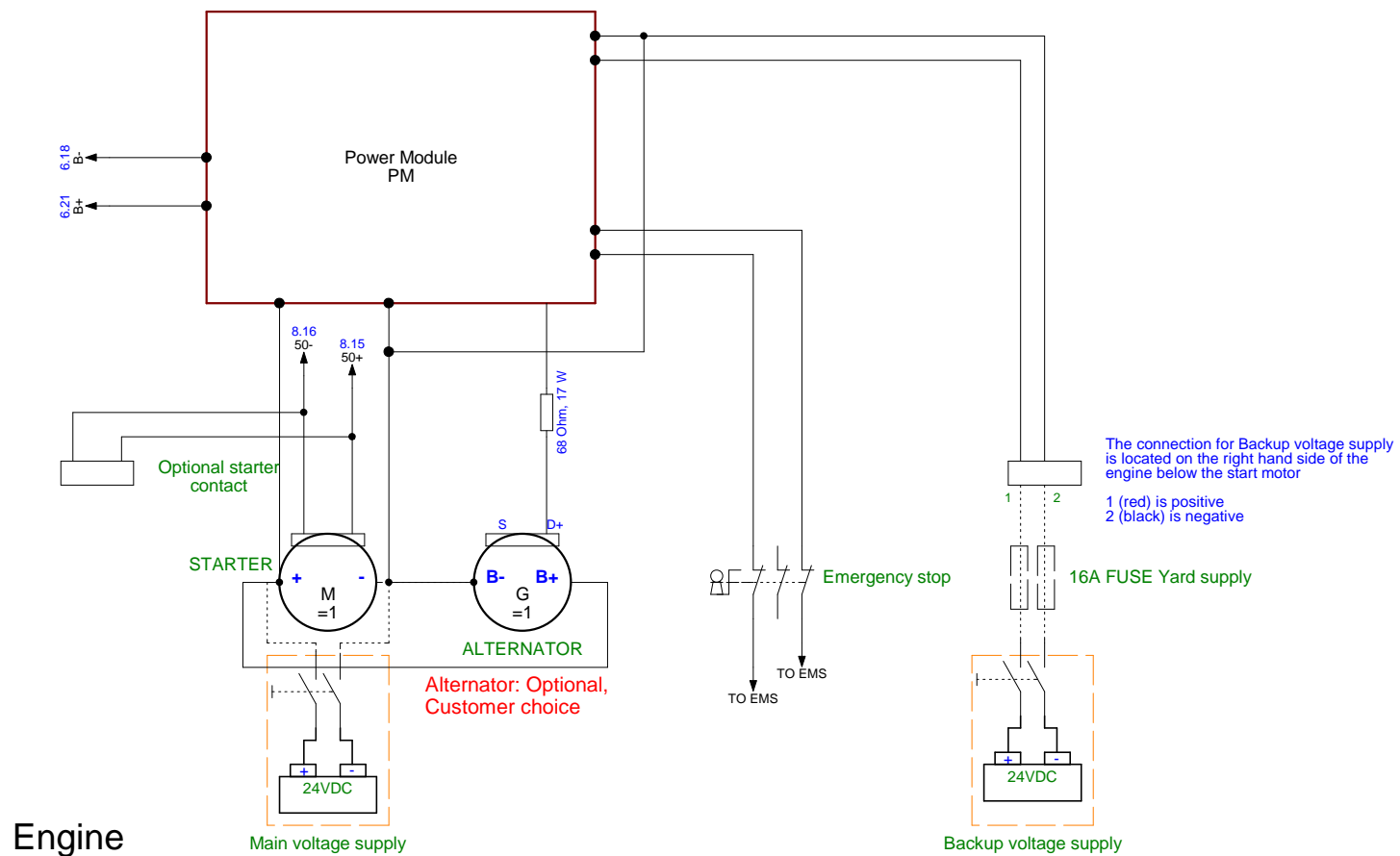
Drawing no.
SEM-051114-46H
 Project no.
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Engine Connection Box



Customer/Shipyard:	File Name: SEM-051114-46H	Drawing no.
Hull No:	Drawn by: RJ	SEM-051114-46H
Engine: D16MG RC EME Electrical Starter	Based on software: 21654503_P01	Project no.
Page Title: Terminals -X20	Date For Last Change: 2014-03-04 10:37:08	Page 6 of 8

Electric Starter



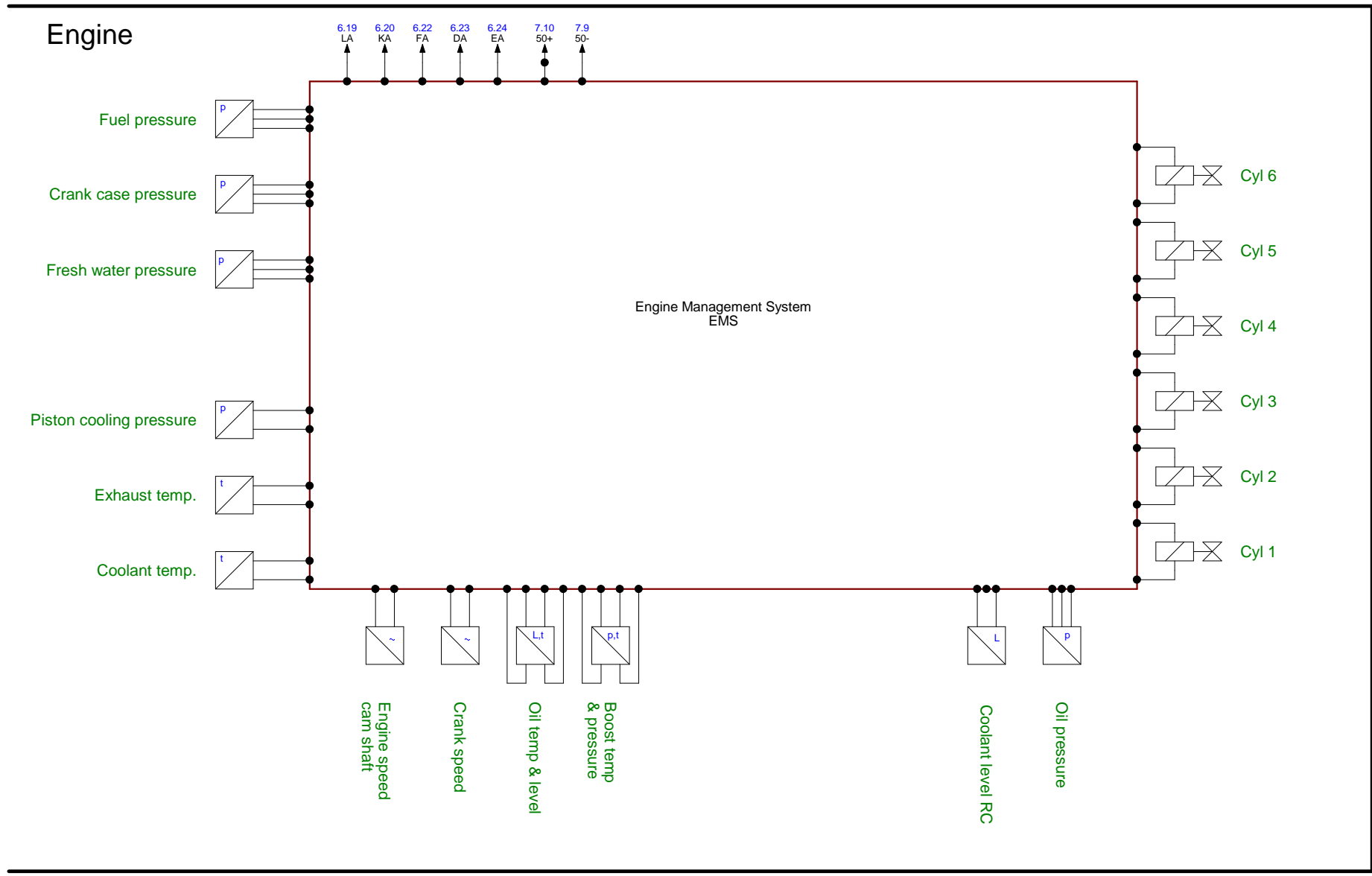
Engine

VOLVO
PENTA

Customer/Shipyard:
Hull No:
Engine: D16MG RC EME Electrical Starter
Page Title: Voltage supply, Electric Starter

File Name: SEM-051114-46H
Drawn by: RJ
Based on software: 21654503_P01
Date For Last Change: 2014-03-04 10:49:34

Drawing no.
SEM-051114-46H
Project no.
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Customer/Shipyard:
 Hull No:
 Engine: D16MG RC EME Electrical Starter
 Page Title: Engine sensors and EMS

File Name: SEM-051114-46H
 Drawn by: RJ
 Based on software: 21654503_P01
 Date For Last Change: 2014-03-04 10:36:40

Drawing no. **SEM-051114-46H**
 Project no.
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