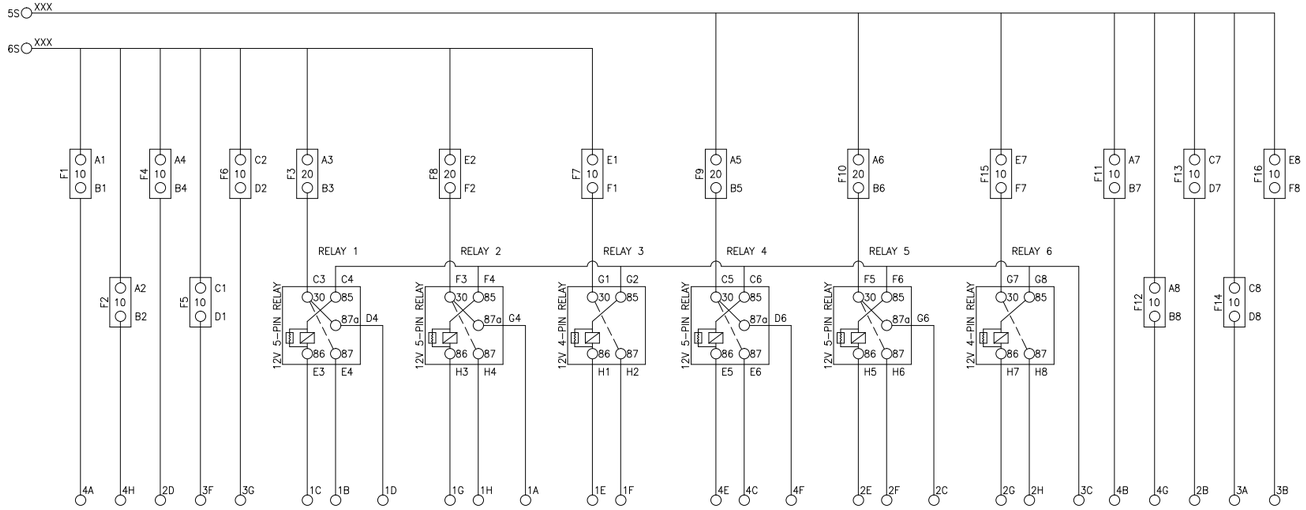
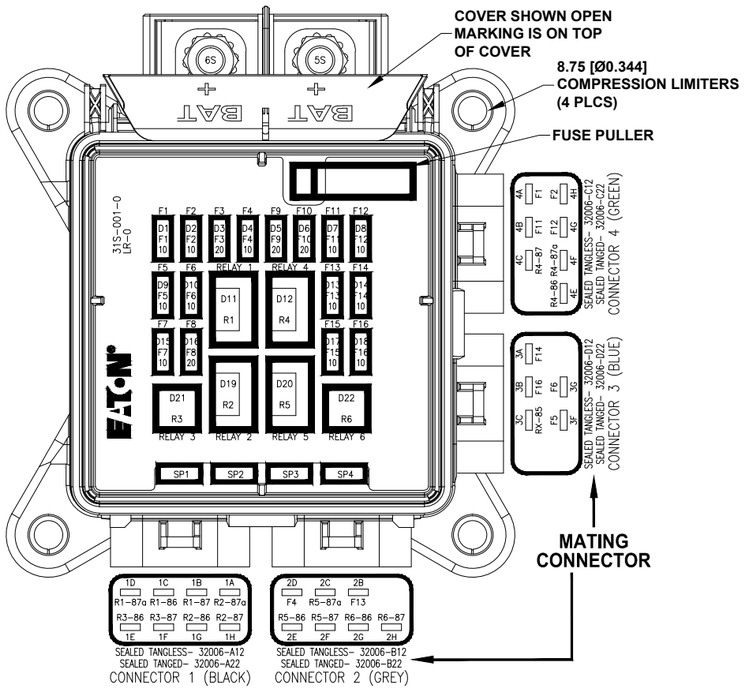
PART NO.	31S-001-0 SALES		
METRIC(mm)			
THIS IS A CAD DRAWING – DO NOT MANUALLY REVISE			
REV #	REVISIONS	DATE	APPR.
0	RELEASED TO SALES. ECO-111558	11-08 2016	A.L

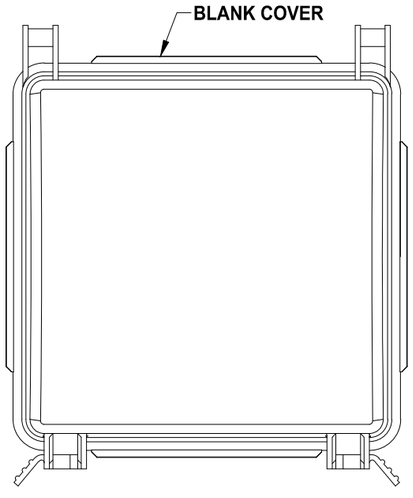




DEVICE PLACEMENT			
POSITION	REFERENCE	DEVICE	PART #
D1	F1	MINI FUSE	ATM-10UNP-PEC
D2	F2	MINI FUSE	ATM-10UNP-PEC
D3	F3	MINI FUSE	ATM-20UNP-PEC
D4	F4	MINI FUSE	ATM-10UNP-PEC
D5	F9	MINI FUSE	ATM-20UNP-PEC
D6	F10	MINI FUSE	ATM-20UNP-PEC
D7	F11	MINI FUSE	ATM-10UNP-PEC
D8	F12	MINI FUSE	ATM-10UNP-PEC
D9	F5	MINI FUSE	ATM-10UNP-PEC
D10	F6	MINI FUSE	ATM-10UNP-PEC
D11	R1	12V, 5-PIN MICRO	B120-7016J
D12	R2	12V, 5-PIN MICRO	B120-7016J
D13	F13	MINI FUSE	ATM-10UNP-PEC
D14	F14	MINI FUSE	ATM-10UNP-PEC
D15	F7	MINI FUSE	ATM-10UNP-PEC
D16	F8	MINI FUSE	ATM-20UNP-PEC
D17	F15	MINI FUSE	ATM-10UNP-PEC
D18	F16	MINI FUSE	ATM-10UNP-PEC
D19	R2	12V, 5-PIN MICRO	B120-7016J
D20	R5	12V, 5-PIN MICRO	B120-7016J
D21	R3	12V, 4-PIN MICRO	B120-7022J
D22	R6	12V, 4-PIN MICRO	B120-7022J

SPARE DEVICE PLACEMENT		
POSITION	DEVICE	PART #
SP1	MINI FUSE	ATM-10UNP-PEC
SP2	MINI FUSE	ATM-10UNP-PEC
SP3	MINI FUSE	ATM-20UNP-PEC
SP4	MINI FUSE	ATM-20UNP-PEC

DEVICE TOTALS		
DEVICE	PART #	AMOUNT
MINI FUSE	ATM-10UNP-PEC	14
MINI FUSE	ATM-20UNP-PEC	6
12V, 4-PIN MICRO	B120-7022J	2
12V, 5-PIN MICRO	B120-7016J	4



SPECIFICATIONS:

1. CAPACITY (MAXIMUM RATING):
   - 200A (ssVEC Rating)
   - 100A PER INPUT STUD (M8)
   - 30A PER OUTPUT TERMINAL
   - 100A MAXIMUM PER OUTPUT CONNECTOR
2. MAXIMUM TORQUE:
   - M8 INPUT STUD: 216 IN-LBS (18 FT-LBS)
   - MOUNTING: 200 TO 300 IN-LBS (16.7 TO 25 FT-LBS)
3. OUTPUT TERMINAL: DELPHI METRI-PACK 280 SERIES, SEALED TANG/TANGLESS
4. OPERATING TEMPERATURE: 40°F (-40°C) TO 221°F (105°C)
5. INGRESS PROTECTION: APPLICATION DEPENDENT UP TO IP66 REQUIREMENTS

TOLERANCES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION
METRIC TOL	ENGLISH TOL	
1 PL DEC.=±.25 2 PL DEC.=±.13	2 PL DEC.=±.01 3 PL DEC.=±.005	ANGULAR TOL= ±2° FRACTION TOL= ± 1/64 IN

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EATON Powering Business Worldwide
EPCO-TRANSPORTATION TUCATEN, SK

TITLE
VEHICLE ELECTRICAL CENTER
STANDARD CONFIGURATION

DRAWN BY	ENG. / APPR.	DATE	SCALE
A. Luu	A. Luu	11-07-16	N/A
SHEET 1 OF 1	PART NO. 31S-001-0 SALES		

C-SIZE: REV 02/97