1 Order the PDU you require

POWER DISTRIBUTION UNITS (ssVEC & ssDVEC) LOADED

Eaton Bussmann

These ssVEC and ssDVEC provide efficient and compact power distribution for the transportation industry. The rugged design means they are capable of operating in severe environments with high vibration and moisture. Typically power is supplied via the input studs and output through connectors, but the Dual+ / Quad+ units feature fuses and relays that are standalone circuits (not connected to power input studs). Please refer to our QR datasheet for the internal circuit diagram of each unit & other specifications. The unit includes Mini fuses, ISO 280 relays and a fuse puller as specified below. Connectors are not included and purchased seperately. Each connector is keyed and will only fit the matching colour socket on the unit.

UPDATED IP66

ssVEC
31S Series



ssDVEC
32S Series



General Specifications (for both ssVEC and ssDVEC)
Connector Terminals: Delphi Metri-Pack 280 Female Sealed (Tanged), 30A max each.
Connectors: 100A max each, colour coded. Quantity varies depending on the model.
Cable Seals & Cavity Plug: Delphi Metri-Pack 280 series.
Input Studs M8: 100A Max each. Unit Rating Max: 200A (ssVEC), 400A (ssDVEC).
Operating Temperature: -40 °C to +105 °C.
Notes: The unit must be installed and oriented in accordance with factory guidelines (available on request).
Includes Components: Mini fuses, ISO 280 relays & fuse puller.
Does Not Include: Connectors, terminals, terminal seals and cavity plugs.

Includes Mini fuses, ISO 280 Relays & Fuse Puller. Output Connectors NOT included.

Part Number	PDU Model	Input M8 Bus Bar	Mini Fuses	ISO 280 12V Micro Relay	ISO 280 12V Ultra Micro Relay	Fuse Puller	Output Connectors Quantity & Colours
31S-000-0	ssVEC	Dual	8pcs	8pcs x SPDT	-	1pc	4
31S-001-0	ssVEC	Dual	16pcs	4pcs x SPDT	2pcs x SPST	1pc	4
31S-002-0	ssVEC	Single	16pcs	-	8pcs x SPST	1pc	3
31S-003-0	ssVEC	Dual	29pcs	-	-	1pc	4
31S-004-0	ssVEC	Dual+*	8pcs	8pcs x SPDT ^	-	1pc	4
32S-300-0	ssDVEC	Quad	16pcs	16pcs x SPDT ^	-	1pc	6
32S-301-0	ssDVEC	Quad	58pcs	-	-	1pc	8
32S-302-0	ssDVEC	Quad+*	24pcs	12pcs x SPDT ^	2pcs x SPST	1pc	8

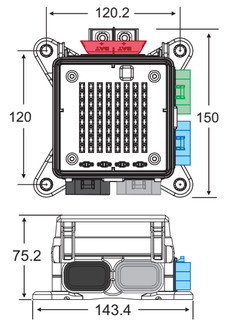
*+ Version includes relay & fuse circuits powered via plug-in connectors instead of bus bar studs, please refer to circuit diagrams in QR datasheet. ^ SPDT Relay Pin 87a not available for use in some circuits.

ssVEC 31S Specifications
Voltage: 12VDC (24VDC optional). **Rating:** 200A.
Input Studs: 2 x M8, 100A max each.
Connectors: 100A max each, colour coded.

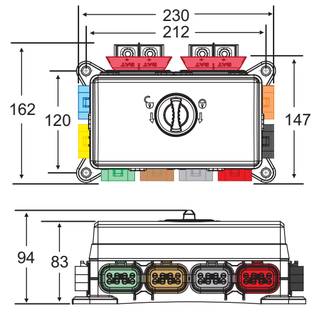
ssDVEC 32S Specifications
Voltage: 12VDC (24VDC optional). **Rating:** 400A .
Input Studs: 4 x M8, 100A max each.
Connectors: 100A max each, colour coded.

Custom Ordering Options (Minimum order quantity applies for custom designs.)
Cover: Vented, solid with gasket. **Cover Label:** Inside, outside or both. **Power Input:** 8mm blade term. or studs.
Mounting: External feet or internal holes. **Busbar:** Twin #B109-7081 or Quad #B109-7031.
Voltage: 24V versions also available.

PROLEC
Email: info@prolecproducts.com.au
Web: www.prolecproducts.com.au



ssVEC
31S
Dimensions in MM



ssDVEC
32S
Dimensions in MM

2 Order the connectors & terminals

Connectors are not included with the power distribution unit and must be ordered separately. You will also need to order terminals, cable & cavity seals for each connector. Terminals & seals can be ordered in individual packs or as a kit containing a mix of different sizes. Terminal crimping & removal tools are also available as shown below.

PDU COLOUR CODED CONNECTORS

Prolec

These connectors are designed to fit the Bussmann ssVEC, ssDEV and mVEC power distribution units. They are colour coded and keyed, so each connector will only fit into the corresponding colour connector on the unit.

The terminals that suit these connectors are the Delphi Metri-Pack 280 Female Sealed Tanged terminals and are available in a variety of different cable sizes. They are rated to 30A max and can be fitted with a cable seal. **Terminals and cable seals are not included.** Please refer below to order as seperate parts or in a kit.



Part Number	Description	
32006-A22	Connector Black	Suit ssVEC
32006-B22	Connector Grey	Suit ssVEC & ssDVEC
32006-C22	Connector Green	Suit ssVEC & ssDVEC
32006-D22	Connector Blue	Suit ssVEC & ssDVEC
32006-E22	Connector Yellow	Suit ssDVEC Custom Unit
32006-F22	Connector Red	Suit ssDVEC
32006-G22	Connector Orange	Suit ssDVEC
32006-H22	Connector Brown	Suit ssDVEC
32006-TP2	Secondary Lock	Secures Terminals in Connector



Secondary Lock secures terminals in the connector.



Secondary Lock fitted to connector.

DELPHI METRI-PACK 280 TERMINALS & SEALS

Prolec

Part Number	Description	Wire (mm)
12084201	Terminal Female (#22 - #20AWG)	0.35 - 0.5mm²
12077411	Terminal Female (#18 - #16AWG)	0.80 - 1.0mm²
12129493	Terminal Female (#14 - #12AWG)	2.0 - 3.0mm²
12077413	Terminal Female (#10AWG)	5.0mm²
15324983	Cable Seal Dark Red	1.70 - 1.29 dia.
15324982	Cable Seal Green	2.85 - 2.03 dia.
15324980	Cable Seal Grey	3.49 - 2.81 dia.
15324981	Cable Seal Blue	4.30 - 3.45 dia.
12010300	Cavity Plug Green	-

ACCESSORIES: Delphi Metri-Pack 280
TERMINALS: TANGED
Female Sealed
Tin Brass / Tin plated



CABLE SEALS:
Silicone



CAVITY PLUG:
Silicone



Pack Size: 10
Note: To ensure the connector is sealed, one cable seal must be fitted to each terminal and cavity plugs are installed where wires are not used.

DELPHI METRI-PACK 280 TERMINAL & SEAL KITS

Prolec

Part Number	Description
TERMKIT002	170 piece Metri-Pack 280 Tanged Female Terminal & Seal Kit
TERMKIT003	310 piece Metri-Pack 280 Tanged Female Terminal & Seal Kit

NEW





TERMKIT002 TERMKIT003

Quantity	Quantity	Part Number	Description	Wire (mm)
10	20	12077411	Terminal Female (#18 - #16AWG)	0.80 - 1.0mm²
40	70	12129493	Terminal Female (#14 - #12AWG)	2.0 - 3.0mm²
20	40	12077413	Terminal Female (#10AWG)	5.0mm²
10	20	15324982	Cable Seal Green	2.85 - 2.03 dia.
40	70	15324980	Cable Seal Grey	3.49 - 2.81 dia.
20	40	15324981	Cable Seal Blue	4.30 - 3.45 dia.
30	50	12010300	Cavity Plug Green	-

TERMINAL CRIMPING TOOL

Delphi / MTA / Prolec

These tools are designed to crimp a terminal onto a stripped end of a electrical cable.

Part Number
CT-P78

Need help using this crimp tool?
Scan the QR code to view instructions.

Scan this QR Code for more information

QR Code: 8001



TERMINAL REMOVAL TOOLS

Delphi Packard

These tools are designed to remove terminals fitted in PDM's, holders or connectors.

Part Number
12094429



Extracts: Delphi GT 150; GT 280; 150 Metri-Pack; 280 Metri-Pack; 280 Tangless & 280 Bus Bar; 630 Pull-To-Seat; Lamp Socket Bases, B-1 & W-3; 800 Metri-Pack Female.
Notes: As used in BPDMA104, 15303, 15401, CFH, PDM21001 and PDM31001 power distribution modules.
Pack Size: 1

3 Order alternative / spare parts

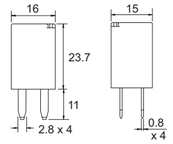
Fuses and relays are included with the power distribution unit as specified. Should you require spares or wish to change the parts supplied with the unit, the following parts can be ordered for use in the matching unit.

ISO 280 ULTRA MICRO RELAYS - 303 SERIES

Song Chuan

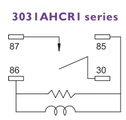
Part Number	Description	Contact ratings for resistive load: Amp Rating	Protection
3031AHCR112	12V Normally Open 4 pin (SPST)	20A (14VDC)	½W 1.1KΩ resistor
3031AHCR124	24V Normally Open 4 pin (SPST)	10A (28VDC)	½W 4.3KΩ resistor

Contact Rating (Motor /Lamp) N/O: 16A (14VDC), In-rush 80A
Coil Current: 80mA (12V), 40mA (24V)
Coil Resistance: 150Ω (12V), 600Ω (24V)
Contact Voltage Drop: Typ. 50mV at 10A
Contact Material: Silver Tin Oxide alloy (AgSno)
Operate / Release Time: 10ms max. / 10ms max.
Enclosure: flux tight seal.
Temperature: -40 to +125°C (no freezing)
Mechanical Life Expectancy: 10 million operations.
Pack Size: 1pc, 10pcs, 100pcs, 500pcs.
Options: Sealed washable enclosure. Diode protection.



Approval: ELV-2000/53/EC RoHS

3031AHCR1 series







Terminal Size
2.8mm

Dimensions in MM

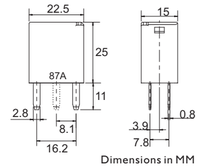
ISO 280 MICRO RELAYS - 301 SERIES

Song Chuan

Part Number	Description	Contact ratings for resistive load: Amp Rating	Protection
3011ACR112	12V Normally Open 4 pin (SPST)	35A (14VDC)	½W 680Ω resistor
3011CCR112	12V Change Over 5 pin (SPDT)	NO:35A / NC:20A (14VDC)	½W 680Ω resistor
3011ACR124	24V Normally Open 4 pin (SPST)	15A (28VDC)	½W 2700Ω resistor
3011CCR124	24V Change Over 5 pin (SPDT)	NO:15A / NC:10A (28VDC)	½W 2700Ω resistor

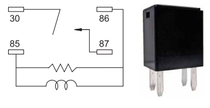
Coil Current: 97.5mA (12V), 49.6mA (24V)
Coil Resistance: 123Ω (12V), 483Ω (24V)
Contact Voltage Drop: Typ. 40mV at 10A
Contact Material: Silver Tin Oxide alloy (AgSno)
Operate / Release Time: 10ms max. / 10ms max.
Enclosure: flux tight seal.
Temperature: -40 to +125°C (no freezing)
Mechanical Life Expectancy: 10 million operations.
Pack Size: 1pc, 10pcs, 100pcs, 500pcs.
Options: Sealed washable / Dust cover enclosure. Diode protection.

Approval: ELV-200/53/EC RoHS

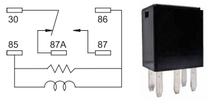


Dimensions in MM

3011ACR1 series



3011CCR1 series



Terminal Size
2.8mm

FUSE & BLADED BREAKER PULLER

Features
- Fuse pullers allow quick and easy removal of a fuse.
- They can also be used to replace a fuse.

The puller is included with the PDU, but spares can be purchased seperately.

Part Number	Extracts
32013BS	Mini Fuse, Mini Fuse & Mini Breaker



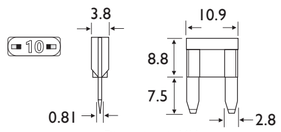
MINI FUSE 32V

Littelfuse / Bussmann
Fast Acting

Part Number	Ampere Rating	Body Colour
MIN002	2A	Grey
MIN003	3A	Violet
MIN004	4A	Pink
MIN005	5A	Tan
MIN07.5	7.5A	Brown
MIN010	10A	Red
MIN015	15A	Blue
MIN020	20A	Yellow
MIN025	25A	Natural
MIN030	30A	Green



I.R.: 1000A at 32VDC
Voltage: 32VDC
Pack Size: 5, 10, 100
Holders: Clips, PCB Blocks, Inline, Add-a-Circuits, Blocks & Power Distribution Modules.
Approvals: ISO 8820 / SAE J2077 / UL 248 SAE RoHS



Dimensions in MM

MINI FUSE INDICATING 32V

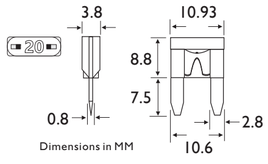
Prolec
Fast Acting

Uses LED technology to indicate a blown fuse. Designed as a drop-in replacement for non-indicating Mini fuse. Same universal colour coding as non-indicating Mini fuses.



Fuse glows when it is blown.

Part Number	AmpereRating	Body Colour
MIND003-32V	3A	Violet
MIND005-32V	5A	Tan
MIND07.5-32V	7.5A	Brown
MIND010-32V	10A	Red
MIND015-32V	15A	Blue
MIND020-32V	20A	Yellow
MIND025-32V	25A	Natural
MIND030-32V	30A	Green



Dimensions in MM

Voltage: refer above
Pack Size: 2, 5, 10, 100
Holders: Clips, PCB Blocks, Inline, Blocks & Power Dist.
Features: Mini fuse with blown fault indicator.
Approvals: RoHS

BLADE FUSE ASSORTMENT KITS

Prolec
Blade Types

Mini Blade Fuse Retail Assortment Pack - 35pcs

Part Number	Kit Contains
MINI-KIT2	MINI (5pcs): 5A, 7.5A, 15A, 25A, 30A

NEW





Mini Blade Assortment Fuse Kit - 100pcs

Part Number	Kit Contains
MINI-KIT	MINI (10pcs): 3A, 5A, 7.5A, 15A, 25A, 30A MINI (20pcs): 10A, 20A



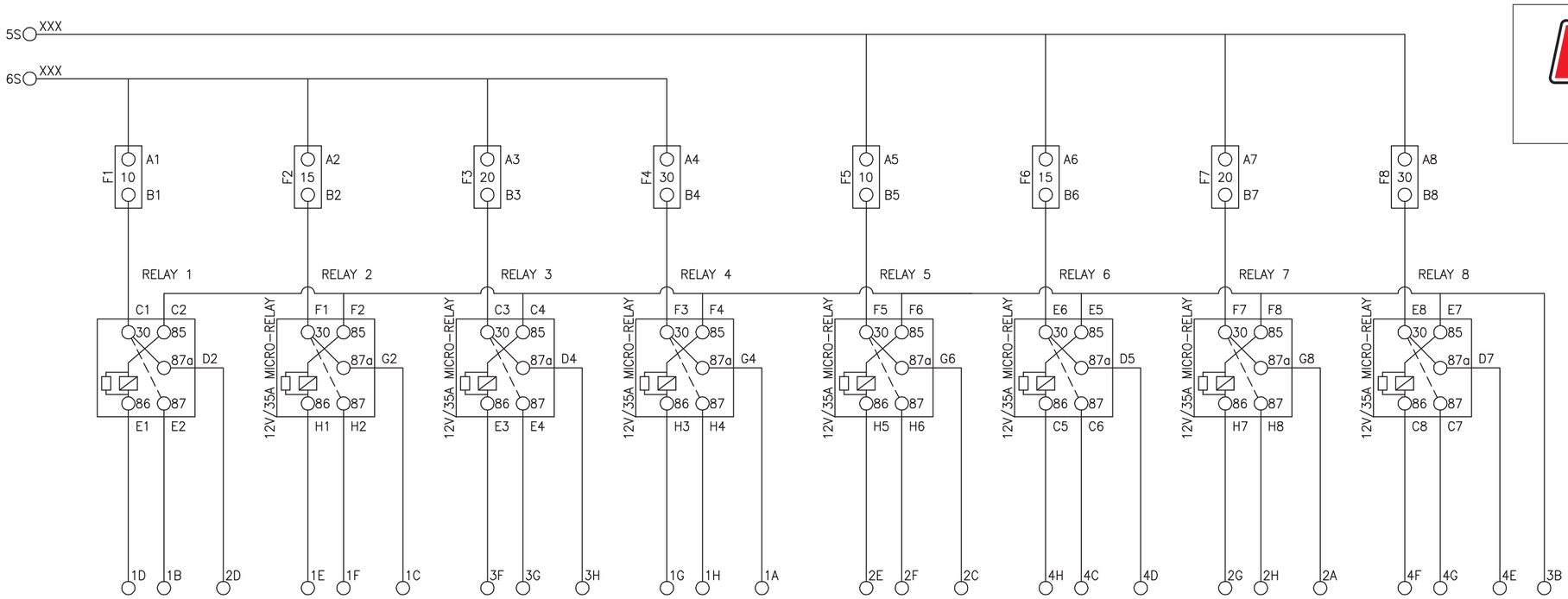


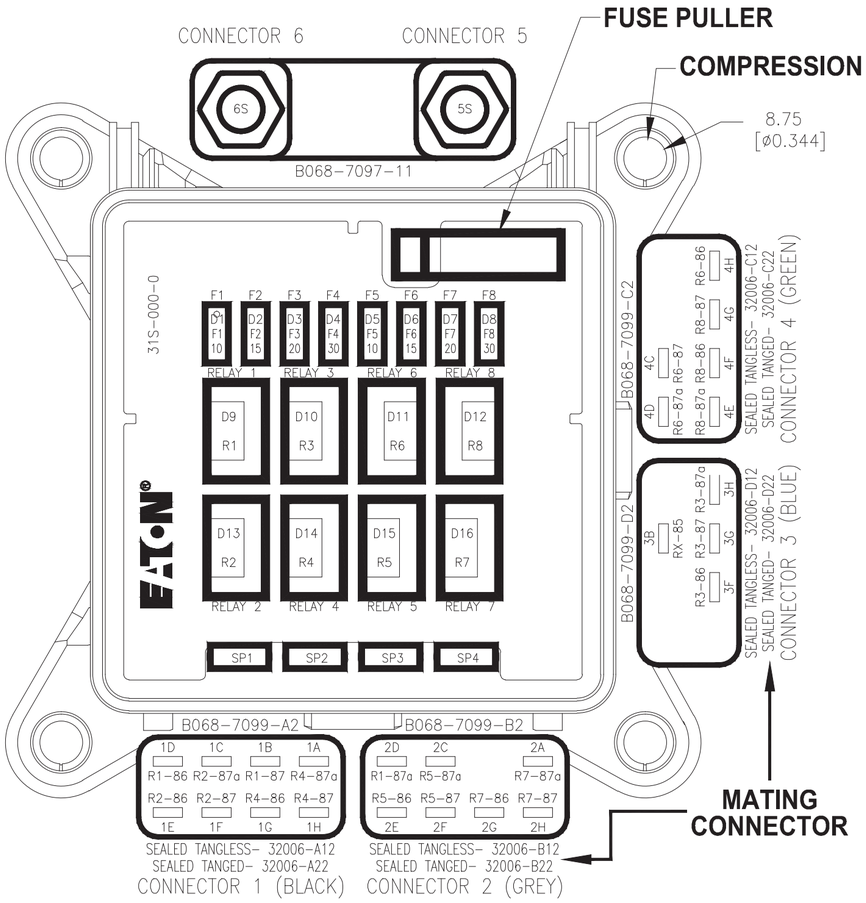
LED Mini Blade Assortment Fuse Kit - 81pc

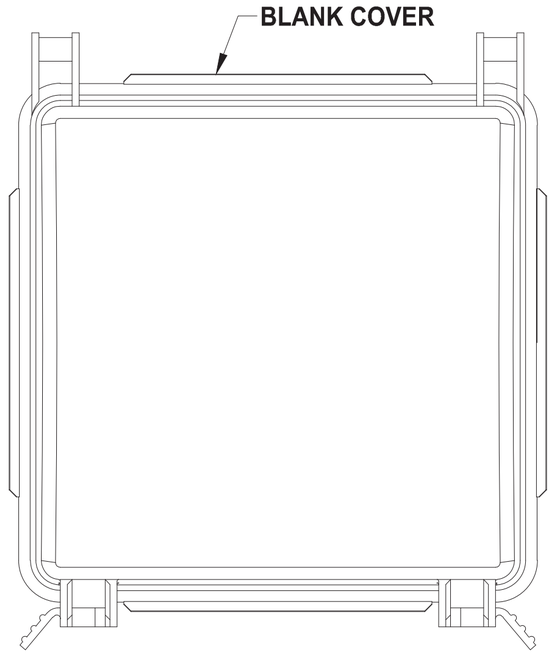
Part Number	Kit Contains
MIND-KIT	MINI LED (10pcs): 3A, 5A, 7.5A, 10A, MINI LED (10pcs): 15A, 20A, 25A, 30A Fuse Puller (1pc): FP-7AM

NEW









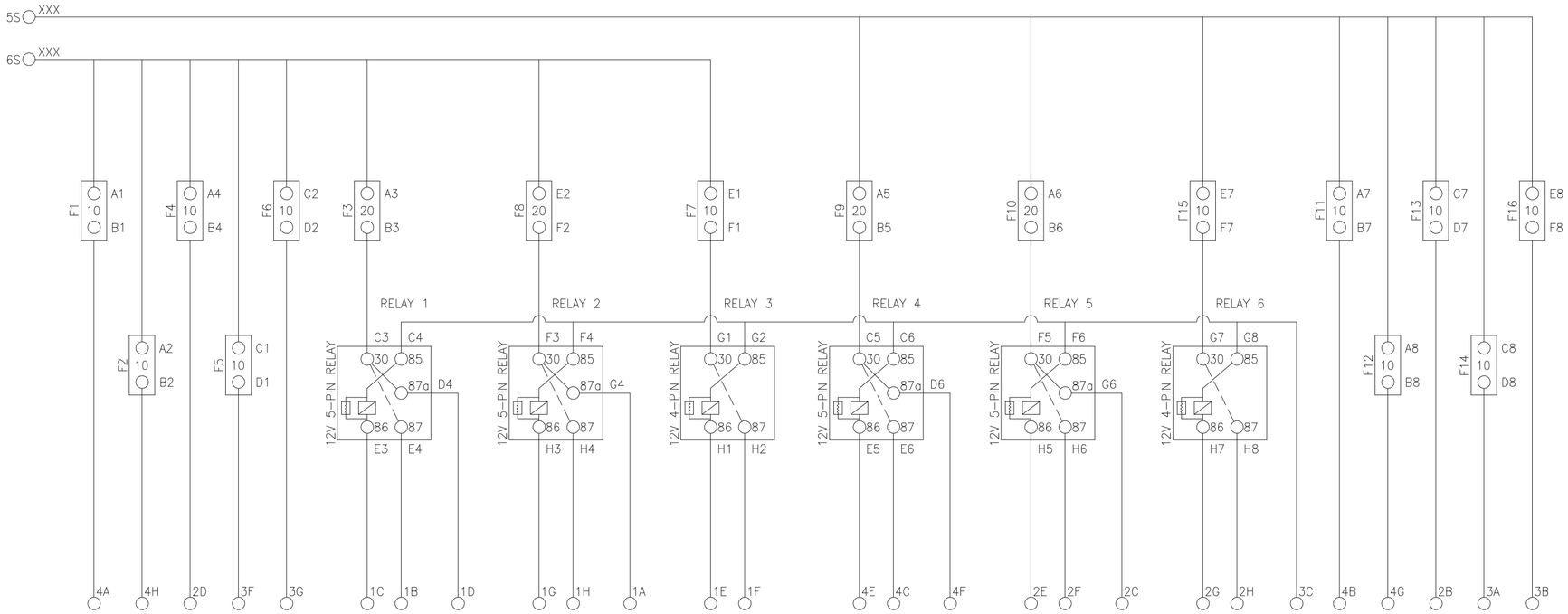
DEVICE PLACEMENT			
POSITION	REFERENCE	DEVICE	PART #
D1	F1	MINI FUSE	ATM-10UNP-PEC
D2	F2	MINI FUSE	ATM-15UNP-PEC
D3	F3	MINI FUSE	ATM-20UNP-PEC
D4	F4	MINI FUSE	ATM-30UNP-PEC
D5	F5	MINI FUSE	ATM-10UNP-PEC
D6	F6	MINI FUSE	ATM-15UNP-PEC
D7	F7	MINI FUSE	ATM-20UNP-PEC
D8	F8	MINI FUSE	ATM-30UNP-PEC
D9	R1	12V 5-PIN MICRO	B120-7016J
D10	R3	12V 5-PIN MICRO	B120-7016J
D11	R6	12V 5-PIN MICRO	B120-7016J
D12	R8	12V 5-PIN MICRO	B120-7016J
D13	R2	12V 5-PIN MICRO	B120-7016J
D14	R4	12V 5-PIN MICRO	B120-7016J
D15	R5	12V 5-PIN MICRO	B120-7016J
D16	R7	12V 5-PIN MICRO	B120-7016J

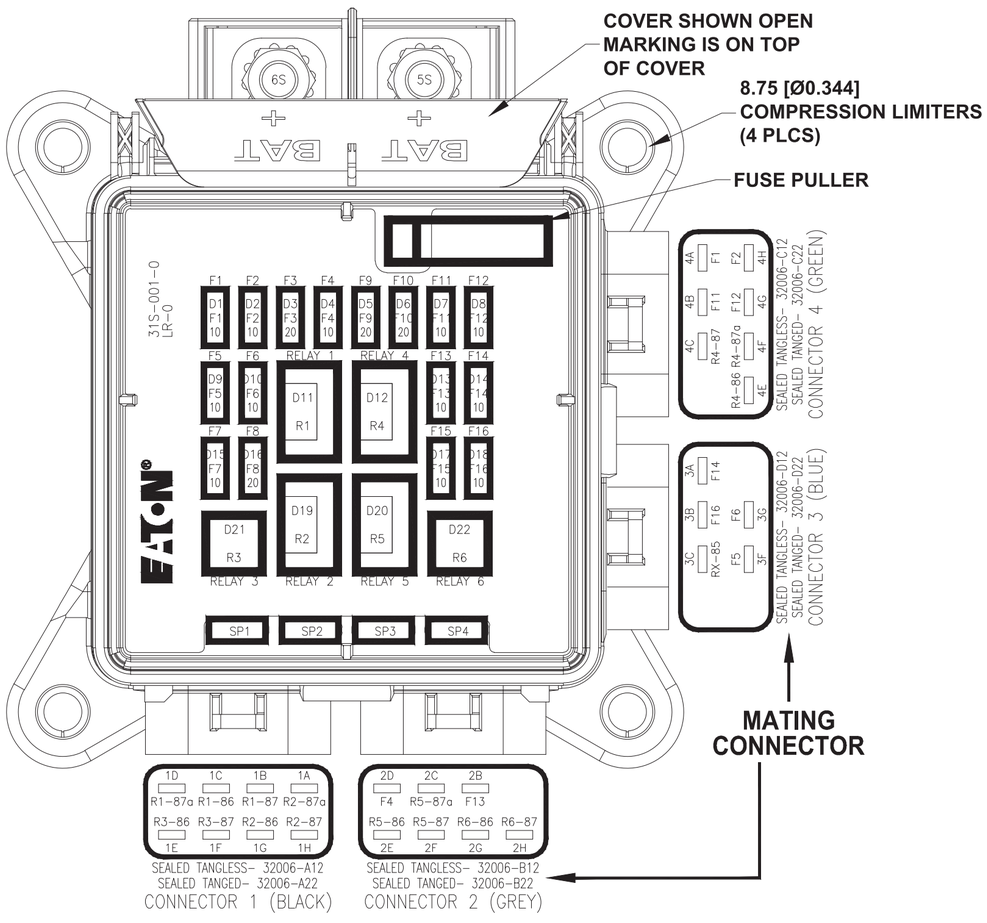
SPARE DEVICE PLACEMENT		
POSITION	DEVICE	PART #
SP1	MINI FUSE	ATM-10UNP-PEC
SP2	MINI FUSE	ATM-15UNP-PEC
SP3	MINI FUSE	ATM-20UNP-PEC
SP4	MINI FUSE	ATM-30UNP-PEC

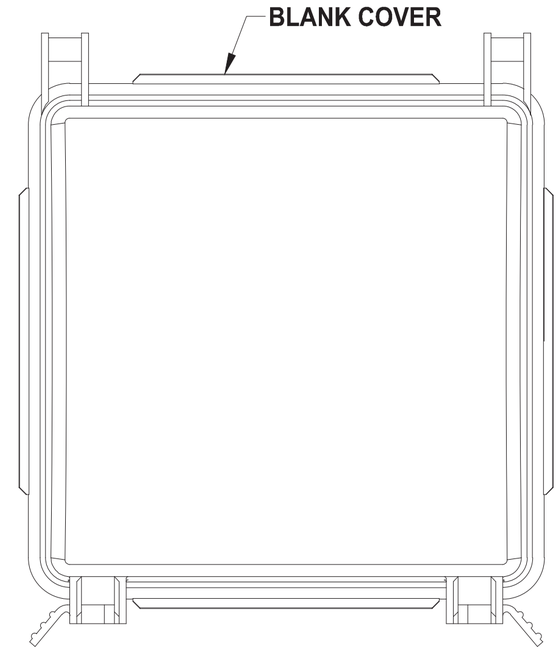
DEVICE TOTALS		
DEVICE	PART #	AMOUNT
MINI FUSE	ATM-10UNP-PEC	3
MINI FUSE	ATM-15UNP-PEC	3
MINI FUSE	ATM-20UNP-PEC	3
MINI FUSE	ATM-30UNP-PEC	3
12V 5-PIN MICRO	B120-7016J	8

Part Number: 31S-000-0
ssVEC Power Distribution Unit

8 x Mini fuses (2 each of 10A, 15A, 20A & 30A) plus 4 spare fuses
8 x ISO280 12VDC 35A/20A SPDT Micro Relays
Connectors not included. Output terminals rated 30A max.







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	R4	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

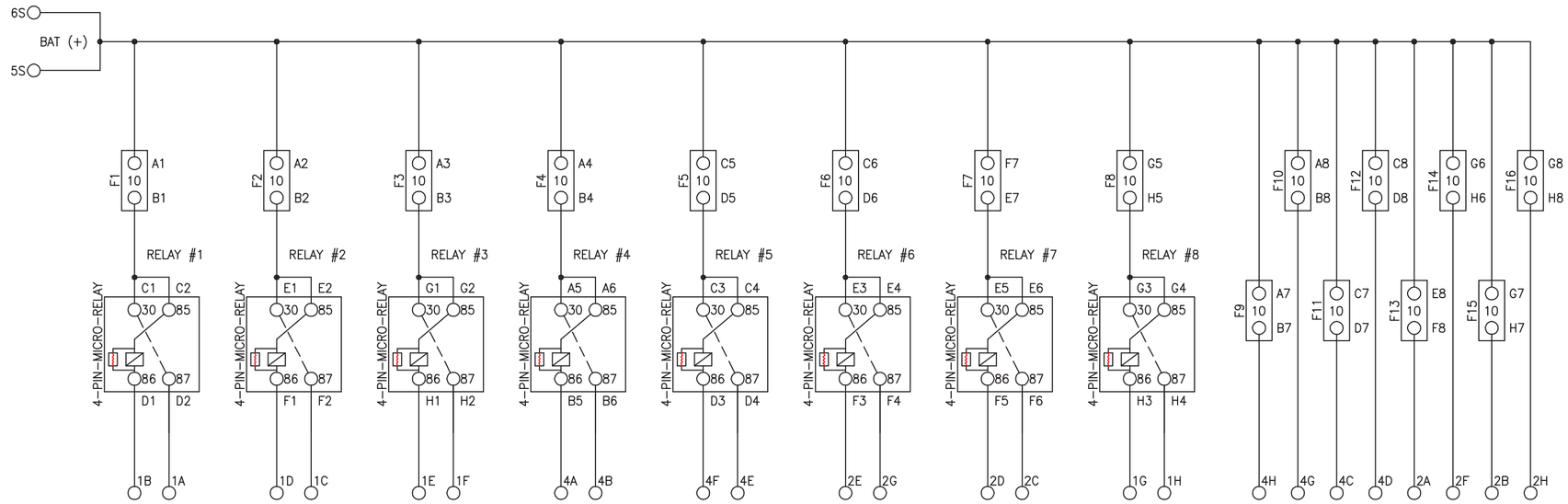
SPARE DEVICE PLACEMENT		
POSITION	DEVICE	PART #
SP1	MINI FUSE	ATM-10UNP-PEC
SP2	MINI FUSE	ATM-10UNP-PEC
SP3	MINI FUSE	ATM-20UNP-PEC
SP4	MINI FUSE	ATM-20UNP-PEC

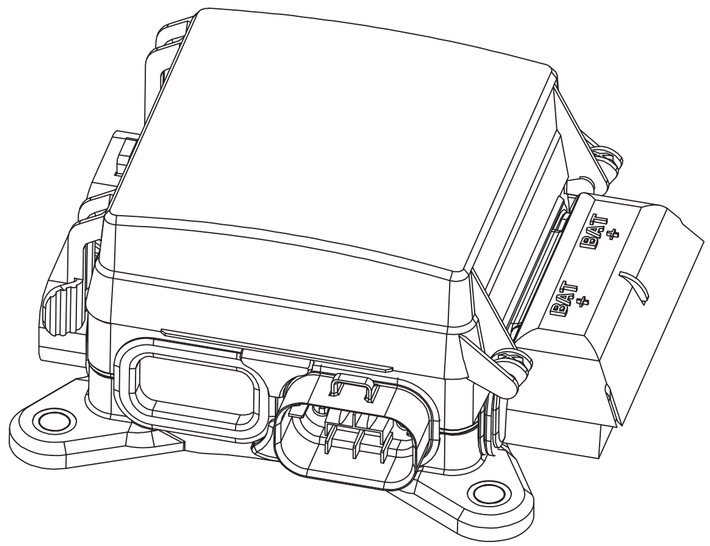
DEVICE TOTALS		
DEVICE	PART #	AMOUNT
MINI FUSE	ATM-10UNP-PEC	14
MINI FUSE	ATM-20UNP-PEC	6
12V, 4-PIN MICRO	B120-7022J	2
12V, 5-PIN MICRO	B120-7016J	4

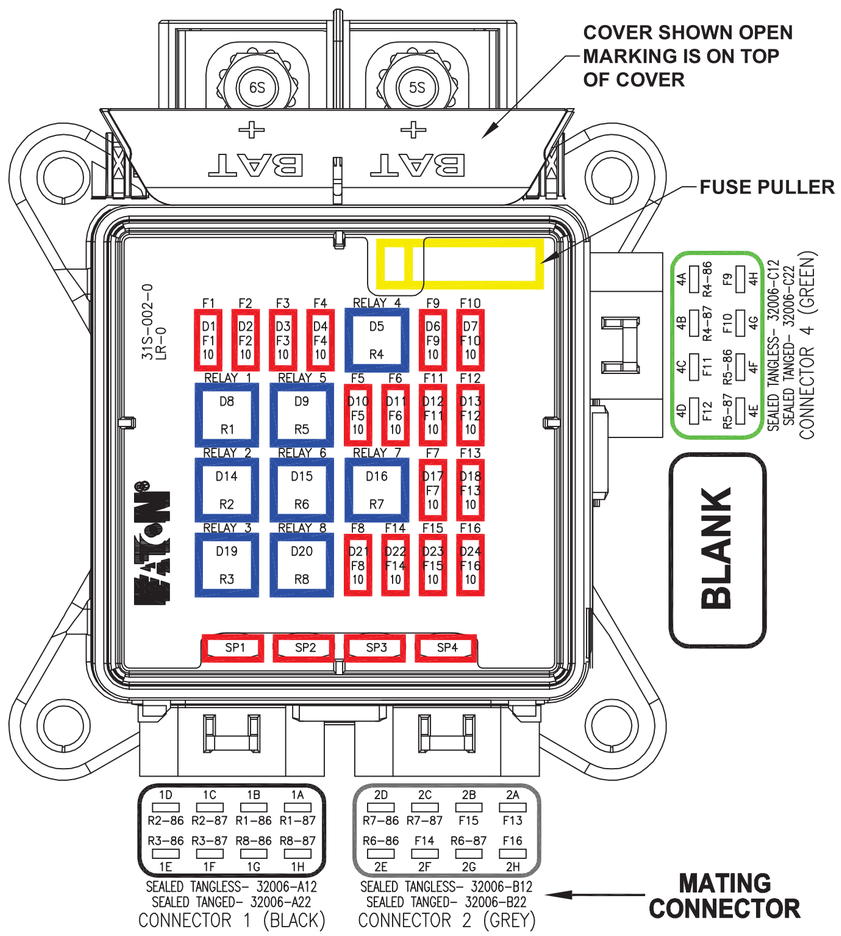
Part Number: 31S-001-0
ssVEC Power Distribution Unit

16 x Mini fuses (12 x 10A, 4 x 20A) plus 4 spare fuses
4 x ISO280 12VDC 35A /20A SPDT Micro Relays
2 x ISO280 12VDC 20A SPST Ultra Micro Relays
Connectors not included. Output terminals rated 30A max.

PROLEC
Email: info@prolecproducts.com.au
Web: www.prolecproducts.com.au







DEVICE PLACEMENT		
POSITION	REFERENCE	DEVICE
D1	F1	MINI FUSE – 10A
D2	F2	MINI FUSE – 10A
D3	F3	MINI FUSE – 10A
D4	F4	MINI FUSE – 10A
D5	R4	12V, 4–PIN MICRO
D6	F9	MINI FUSE – 10A
D7	F10	MINI FUSE – 10A
D8	R1	12V, 4–PIN MICRO
D9	R5	12V, 4–PIN MICRO
D10	F5	MINI FUSE – 10A
D11	F6	MINI FUSE – 10A
D12	F11	MINI FUSE – 10A
D13	F12	MINI FUSE – 10A
D14	R2	12V, 4–PIN MICRO
D15	R6	12V, 4–PIN MICRO
D16	R7	12V, 4–PIN MICRO
D17	F7	MINI FUSE – 10A
D18	F13	MINI FUSE – 10A
D19	R3	12V, 4–PIN MICRO
D20	R8	12V, 4–PIN MICRO
D21	F8	MINI FUSE – 10A
D22	F14	MINI FUSE – 10A
D23	F15	MINI FUSE – 10A
D24	F16	MINI FUSE – 10A

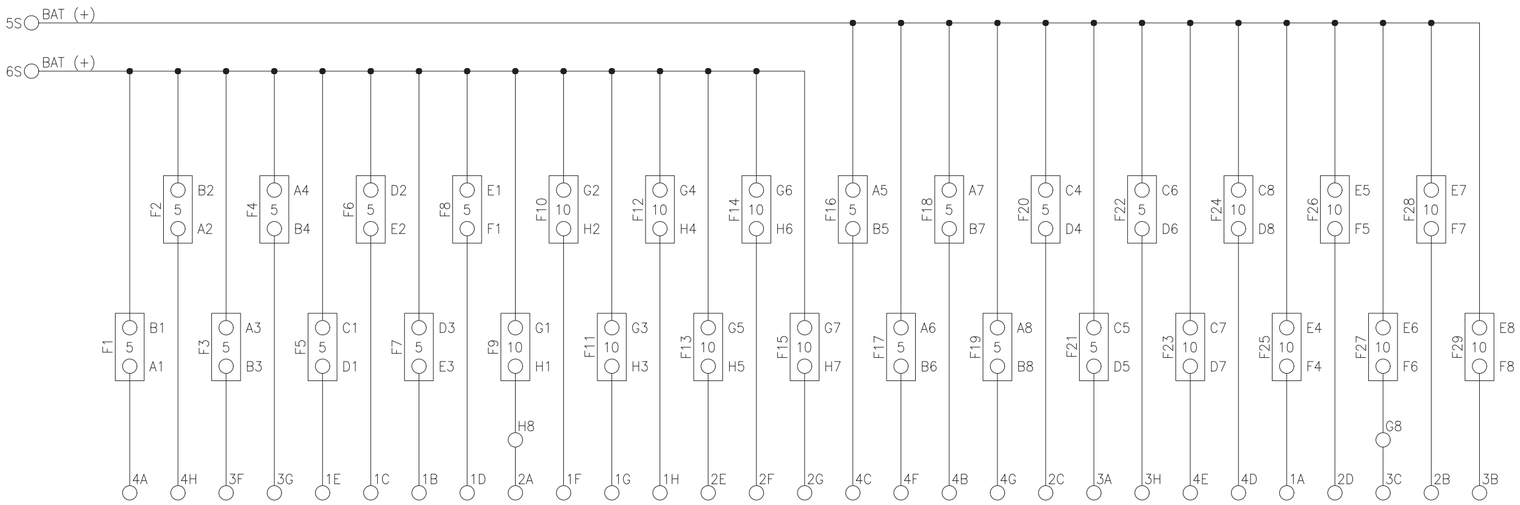
SPARE DEVICE		
POSITION	DEVICE	RATING
SP1	MINI FUSE	10A
SP2	MINI FUSE	10A
SP3	MINI FUSE	10A
SP4	MINI FUSE	10A

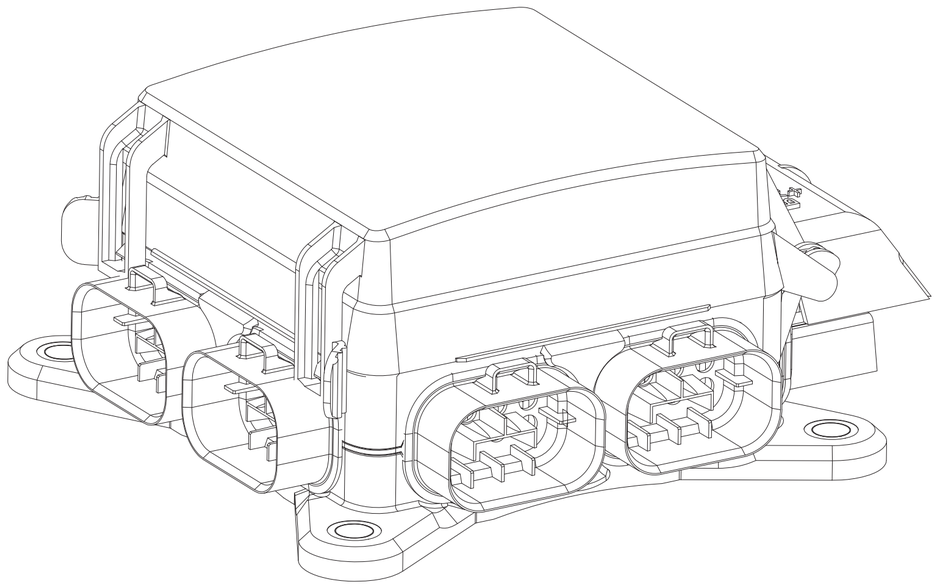
SERVICEABLE PART		
DEVICE	PART #	RATING
4–PIN MICRO	B120–7022–SRV	12V/20A
MINI FUSE	BK–ATM–10	10A
COVER	B151–7172–SRV	–

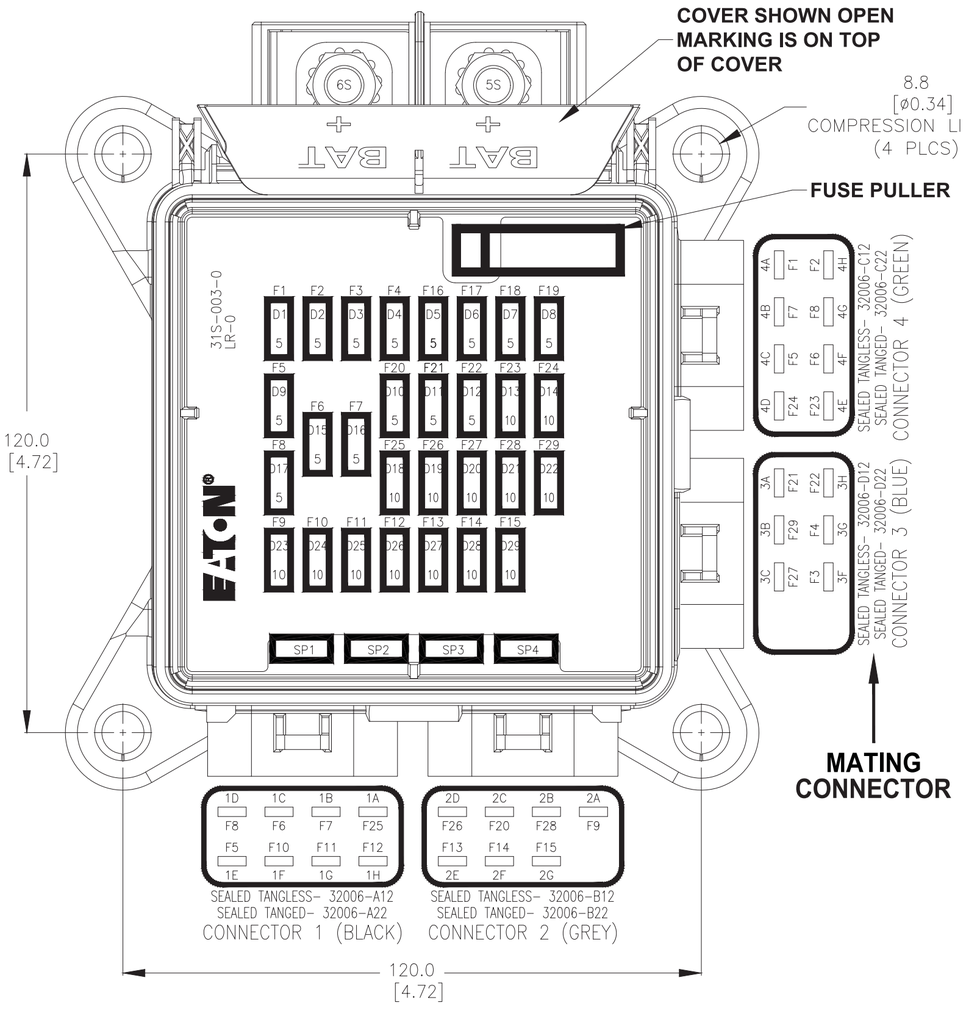
Part Number: 31S-002-0
ssVEC Power Distribution Unit

16 x Mini fuses (all 10A) plus 4 spare fuses.
8 x ISO280 12VDC 20A SPST Ultra Micro Relays
Connectors not included. Output terminals rated 30A max.

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DEVICE PLACEMENT		
POSITION	REFERENCE	DEVICE
D1	F1	MINI FUSE – 5A
D2	F2	MINI FUSE – 5A
D3	F3	MINI FUSE – 5A
D4	F4	MINI FUSE – 5A
D5	F16	MINI FUSE – 5A
D6	F17	MINI FUSE – 5A
D7	F18	MINI FUSE – 5A
D8	F19	MINI FUSE – 5A
D9	F5	MINI FUSE – 5A
D10	F20	MINI FUSE – 5A
D11	F21	MINI FUSE – 5A
D12	F22	MINI FUSE – 5A
D13	F23	MINI FUSE – 10A
D14	F24	MINI FUSE – 10A
D15	F6	MINI FUSE – 5A
D16	F7	MINI FUSE – 5A
D17	F8	MINI FUSE – 5A
D18	F25	MINI FUSE – 10A
D19	F26	MINI FUSE – 10A
D20	F27	MINI FUSE – 10A
D21	F28	MINI FUSE – 10A
D22	F29	MINI FUSE – 10A
D23	F9	MINI FUSE – 10A
D24	F10	MINI FUSE – 10A
D25	F11	MINI FUSE – 10A
D26	F12	MINI FUSE – 10A
D27	F13	MINI FUSE – 10A
D28	F14	MINI FUSE – 10A
D29	F15	MINI FUSE – 10A

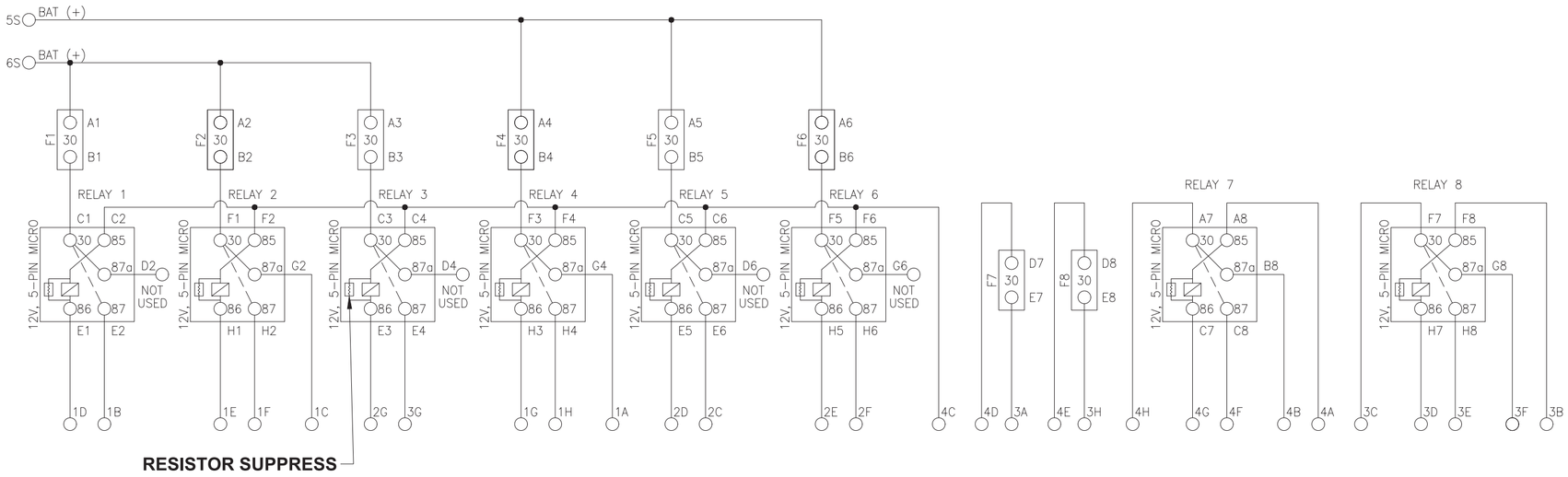
SPARE DEVICE		
POSITION	DEVICE	RATING
SP1	MINI FUSE	5A
SP2	MINI FUSE	5A
SP3	MINI FUSE	10A
SP4	MINI FUSE	10A

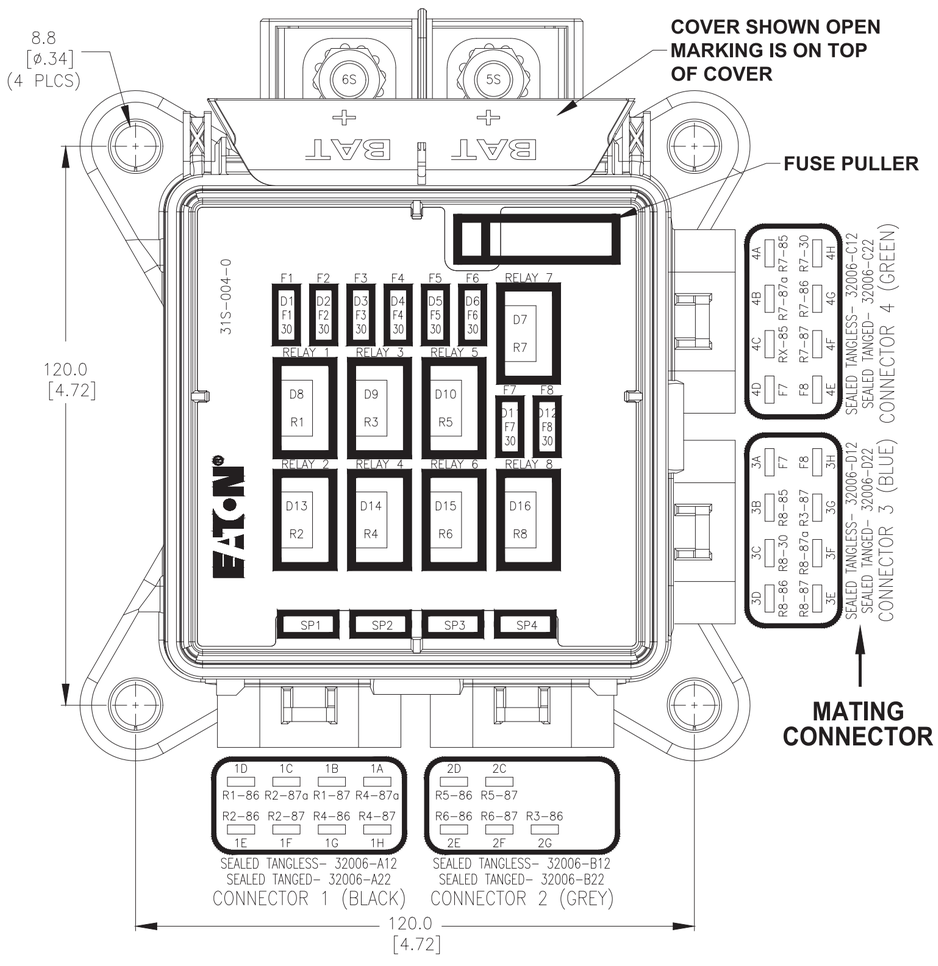
SERVICEABLE PART		
DEVICE	PART #	RATING
MINI FUSE	BK-ATM-5	5A
MINI FUSE	BK-ATM-10	10A
COVER	B151-7172-SRV	–

Part Number: 31S-003-0
ssVEC Power Distribution Unit

29 x Mini fuses (15 x 5A, 14 x 10A) plus 4 spare fuses
Connectors not included. Output terminals rated 30A max.

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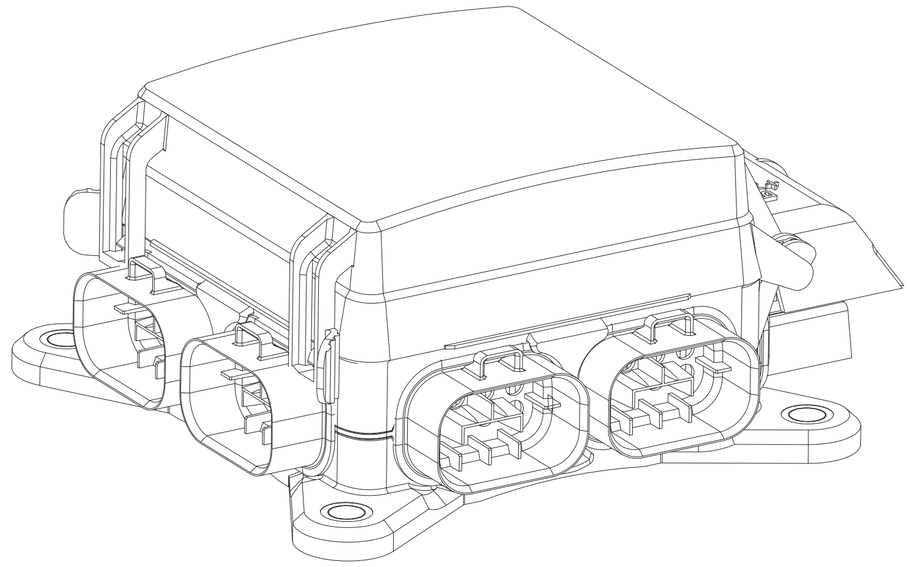




DEVICE PLACEMENT		
POSITION	REFERENCE	DEVICE
D1	F1	MINI FUSE – 30A
D2	F2	MINI FUSE – 30A
D3	F3	MINI FUSE – 30A
D4	F4	MINI FUSE – 30A
D5	F5	MINI FUSE – 30A
D6	F6	MINI FUSE – 30A
D7	R7	12V, 5–PIN RELAY
D8	R1	12V, 5–PIN RELAY
D9	R3	12V, 5–PIN RELAY
D10	R5	12V, 5–PIN RELAY
D11	F7	MINI FUSE – 30A
D12	F8	MINI FUSE – 30A
D13	R2	12V, 5–PIN RELAY
D14	R4	12V, 5–PIN RELAY
D15	R6	12V, 5–PIN RELAY
D16	R8	12V, 5–PIN RELAY

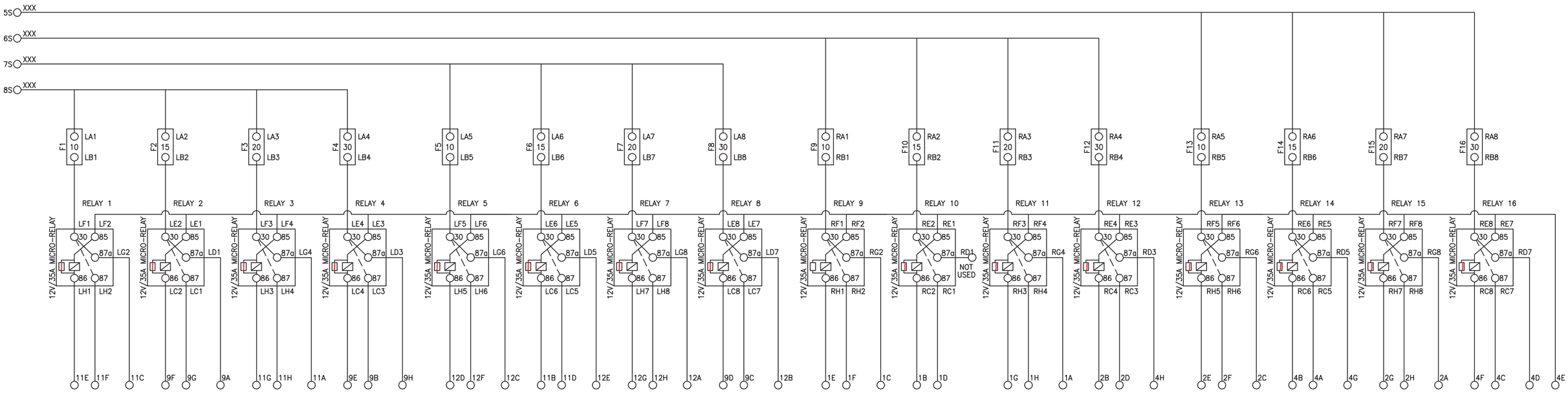
SPARE DEVICE		
POSITION	DEVICE	RATING
SP1	MINI FUSE	30
SP2	MINI FUSE	30
SP3	MINI FUSE	30
SP4	MINI FUSE	30

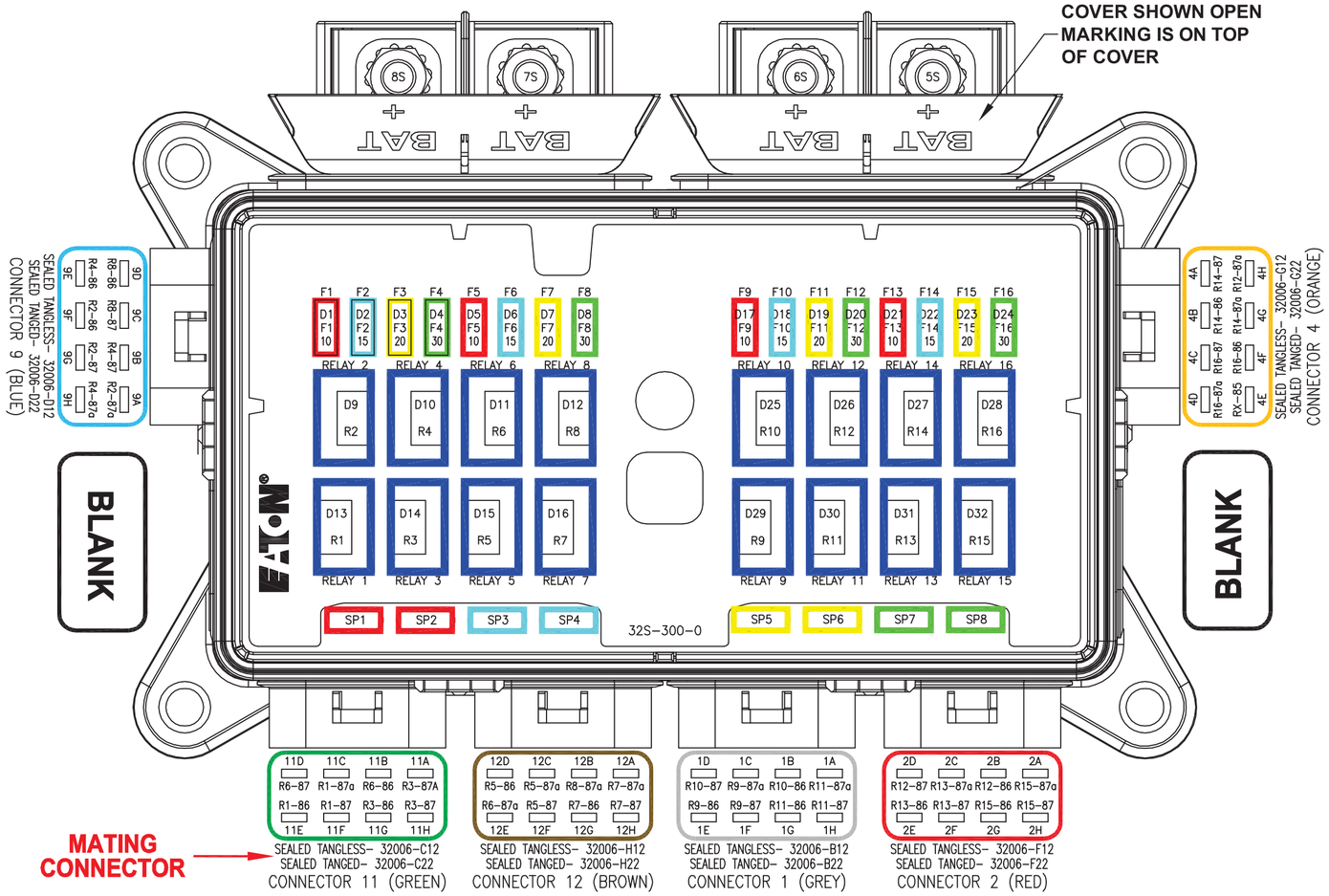
SERVICEABLE PART		
DEVICE	PART #	RATING
12V, 5–PIN RELAY	B120–7016–SRV	12V, 35A NO/20A NC
MINI FUSE	BK–ATM–30	30A
COVER	B151–7172–SRV	–
FUSE PULLER	32103BS	–



Part Number: 31S-004-0
ssVEC Power Distribution Unit

8 x Mini fuses (all 30A) plus 4 spare fuses.
8 x ISO280 12VDC 35A/20A SPDT Micro Relays
Connectors not included. Output terminals rated 30A max.





DEVICE PLACEMENT			
POSITION	REFERENCE	DEVICE	PART #
D1	F1	MINI FUSE	ATM-10UNP-PEC
D2	F2	MINI FUSE	ATM-15UNP-PEC
D3	F3	MINI FUSE	ATM-20UNP-PEC
D4	F4	MINI FUSE	ATM-30UNP-PEC
D5	F5	MINI FUSE	ATM-10UNP-PEC
D6	F6	MINI FUSE	ATM-15UNP-PEC
D7	F7	MINI FUSE	ATM-20UNP-PEC
D8	F8	MINI FUSE	ATM-30UNP-PEC
D9	R2	12V, 5-PIN MICRO	B120-7016J
D10	R4	12V, 5-PIN MICRO	B120-7016J
D11	R6	12V, 5-PIN MICRO	B120-7016J
D12	R8	12V, 5-PIN MICRO	B120-7016J
D13	R1	12V, 5-PIN MICRO	B120-7016J
D14	R3	12V, 5-PIN MICRO	B120-7016J
D15	R5	12V, 5-PIN MICRO	B120-7016J
D16	R7	12V, 5-PIN MICRO	B120-7016J

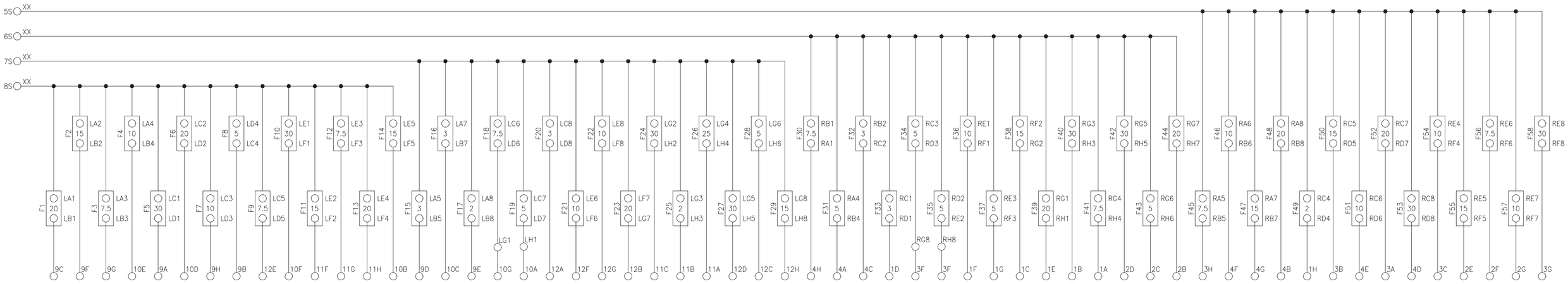
DEVICE PLACEMENT			
POSITION	REFERENCE	DEVICE	PART #
D17	F9	MINI FUSE	ATM-10UNP-PEC
D18	F10	MINI FUSE	ATM-15UNP-PEC
D19	F11	MINI FUSE	ATM-20UNP-PEC
D20	F12	MINI FUSE	ATM-30UNP-PEC
D21	F13	MINI FUSE	ATM-10UNP-PEC
D22	F14	MINI FUSE	ATM-15UNP-PEC
D23	F15	MINI FUSE	ATM-20UNP-PEC
D24	F16	MINI FUSE	ATM-30UNP-PEC
D25	R10	12V, 5-PIN MICRO	B120-7016J
D26	R12	12V, 5-PIN MICRO	B120-7016J
D27	R14	12V, 5-PIN MICRO	B120-7016J
D28	R16	12V, 5-PIN MICRO	B120-7016J
D29	R9	12V, 5-PIN MICRO	B120-7016J
D30	R11	12V, 5-PIN MICRO	B120-7016J
D31	R13	12V, 5-PIN MICRO	B120-7016J
D32	R15	12V, 5-PIN MICRO	B120-7016J

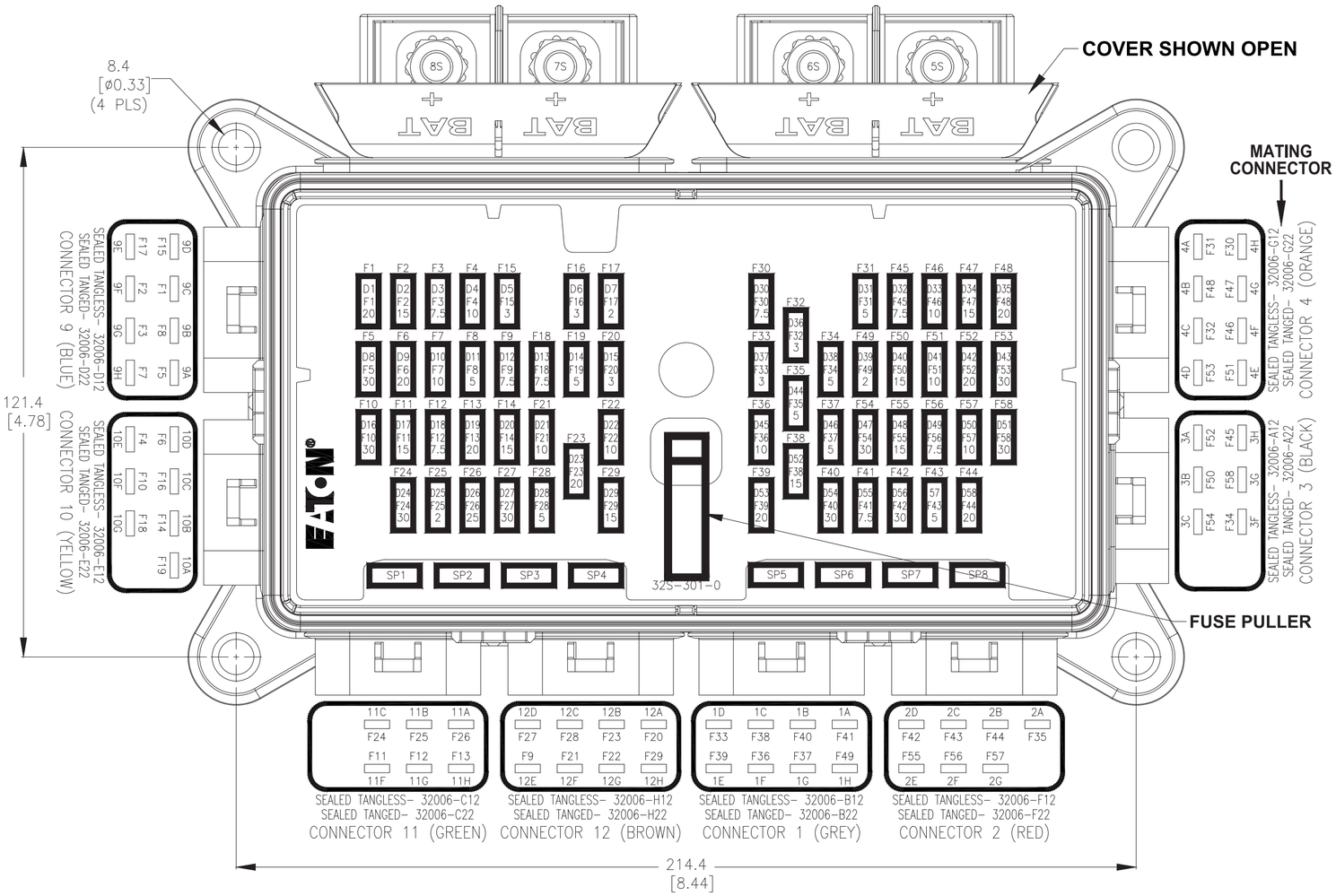
DEVICE TOTALS		
DEVICE	PART #	AMOUNT
MINI FUSE	ATM-10UNP-PEC	6
MINI FUSE	ATM-15UNP-PEC	6
MINI FUSE	ATM-20UNP-PEC	6
MINI FUSE	ATM-30UNP-PEC	6
12V, 5-PIN MICRO	B120-7016J	16

SPARE DEVICE PLACEMENT		
POSITION	DEVICE	PART #
SP1	MINI FUSE	ATM-10UNP-PEC
SP2	MINI FUSE	ATM-10UNP-PEC
SP3	MINI FUSE	ATM-15UNP-PEC
SP4	MINI FUSE	ATM-15UNP-PEC
SP5	MINI FUSE	ATM-20UNP-PEC
SP6	MINI FUSE	ATM-20UNP-PEC
SP7	MINI FUSE	ATM-30UNP-PEC
SP8	MINI FUSE	ATM-30UNP-PEC

Part Number: 32S-300-0
ssDVEC Power Distribution Unit

16 x Mini fuses (4 each of 10A, 15A, 20A & 30A) plus 8 spare fuses
16 x ISO280 12VDC 35A/20A SPDT Micro Relays
Connectors not included. Output terminals rated 30A max.





SPARE DEVICE		
POSITION	DEVICE	RATING
SP1	MINI FUSE	3A
SP2	MINI FUSE	5A
SP3	MINI FUSE	7.5A
SP4	MINI FUSE	10A
SP5	MINI FUSE	15A
SP6	MINI FUSE	20A
SP7	MINI FUSE	25A
SP8	MINI FUSE	30A

SERVICEABLE PART		
DEVICE	PART #	RATING
MINI FUSE	BK-ATM-2	2A
MINI FUSE	BK-ATM-3	3A
MINI FUSE	BK-ATM-5	5A
MINI FUSE	BK-ATM-7-1-2	7.5A
MINI FUSE	BK-ATM-10	10A
MINI FUSE	BK-ATM-15	15A
MINI FUSE	BK-ATM-20	20A
MINI FUSE	BK-ATM-25	25A
MINI FUSE	BK-ATM-30	30A
FUSE PULLER	32013BS	–
COVER	B151-7181	–

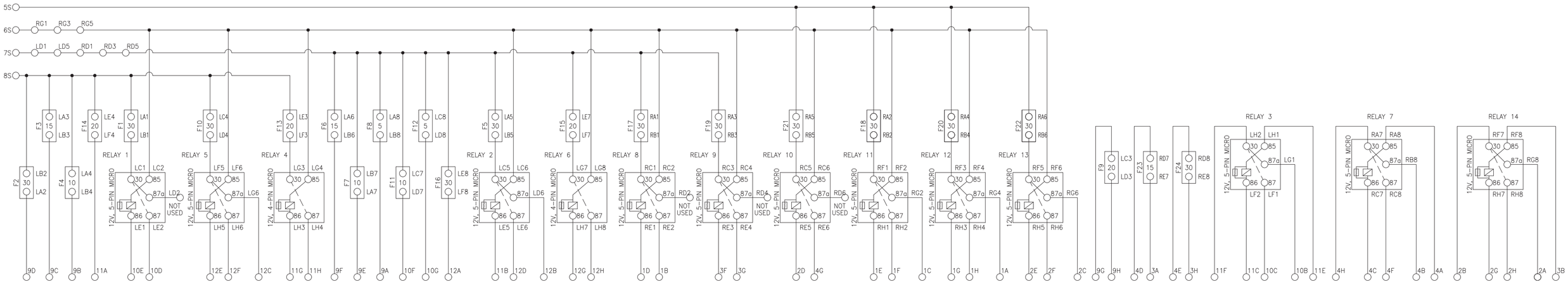
DEVICE PLACEMENT		
POSITION	REFERENCE	PART #
D1	F1	MINI FUSE – 20A
D2	F2	MINI FUSE – 15A
D3	F3	MINI FUSE – 7.5A
D4	F4	MINI FUSE – 10A
D5	F15	MINI FUSE – 3A
D6	F16	MINI FUSE – 3A
D7	F17	MINI FUSE – 2A
D8	F5	MINI FUSE – 30A
D9	F6	MINI FUSE – 20A
D10	F7	MINI FUSE – 10A
D11	F8	MINI FUSE – 5A
D12	F9	MINI FUSE – 7.5A
D13	F18	MINI FUSE – 7.5A
D14	F19	MINI FUSE – 5A
D15	F20	MINI FUSE – 3A
D16	F10	MINI FUSE – 30A
D17	F11	MINI FUSE – 15A
D18	F12	MINI FUSE – 7.5A
D19	F13	MINI FUSE – 20A
D20	F14	MINI FUSE – 15A
D21	F21	MINI FUSE – 10A
D22	F22	MINI FUSE – 10A
D23	F23	MINI FUSE – 20A
D24	F24	MINI FUSE – 30A
D25	F25	MINI FUSE – 2A
D26	F26	MINI FUSE – 25A
D27	F27	MINI FUSE – 30A
D28	F28	MINI FUSE – 5A
D29	F29	MINI FUSE – 15A

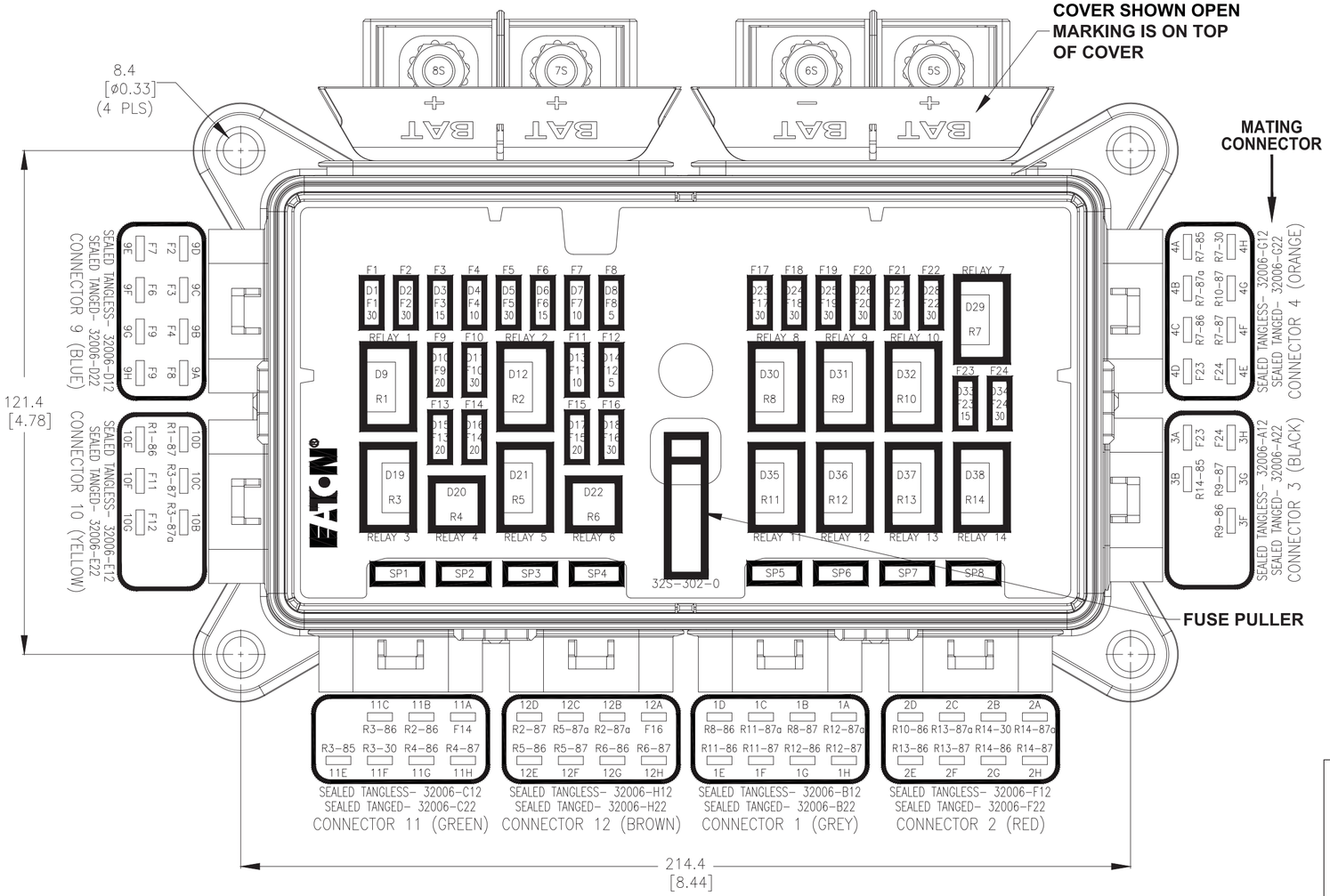
DEVICE PLACEMENT		
POSITION	REFERENCE	PART #
D30	F30	MINI FUSE – 7.5A
D31	F31	MINI FUSE – 5A
D32	F45	MINI FUSE – 7.5A
D33	F46	MINI FUSE – 10A
D34	F47	MINI FUSE – 15A
D35	F48	MINI FUSE – 20A
D36	F32	MINI FUSE – 3A
D37	F33	MINI FUSE – 3A
D38	F34	MINI FUSE – 5A
D39	F49	MINI FUSE – 2A
D40	F50	MINI FUSE – 15A
D41	F51	MINI FUSE – 10A
D42	F52	MINI FUSE – 20A
D43	F53	MINI FUSE – 30A
D44	F35	MINI FUSE – 5A
D45	F36	MINI FUSE – 10A
D46	F37	MINI FUSE – 5A
D47	F54	MINI FUSE – 30A
D48	F55	MINI FUSE – 15A
D49	F56	MINI FUSE – 7.5A
D50	F57	MINI FUSE – 10A
D51	F58	MINI FUSE – 30A
D52	F38	MINI FUSE – 15A
D53	F39	MINI FUSE – 20A
D54	F40	MINI FUSE – 30A
D55	F41	MINI FUSE – 7.5A
D56	F42	MINI FUSE – 30A
D57	F43	MINI FUSE – 5A
D58	F44	MINI FUSE – 20A

Part Number: 32S-301-0
ssDVEC Power Distribution Unit

58 x Mini fuses (3 x 2A, 5 x 3A, 8 each of 5A, 7.5A, 10A, 15A, 20A, 1 x 25A and 9 x 30A) plus 8 spare fuses.
Connectors not included. Output terminals rated 30A max.

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DEVICE PLACEMENT		
POSITION	REFERENCE	DEVICE
D1	F1	MINI FUSE – 30A
D2	F2	MINI FUSE – 30A
D3	F3	MINI FUSE – 15A
D4	F4	MINI FUSE – 10A
D5	F5	MINI FUSE – 30A
D6	F6	MINI FUSE – 15A
D7	F7	MINI FUSE – 10A
D8	F8	MINI FUSE – 5A
D9	R1	12V, 5–PIN MICRO
D10	F9	MINI FUSE – 20A
D11	F10	MINI FUSE – 30A
D12	R2	12V, 5–PIN MICRO
D13	F11	MINI FUSE – 10A
D14	F12	MINI FUSE – 5A
D15	F13	MINI FUSE – 20A
D16	F14	MINI FUSE – 20A
D17	F15	MINI FUSE – 20A
D18	F16	MINI FUSE – 30A
D19	R3	12V, 5–PIN MICRO

DEVICE PLACEMENT		
POSITION	REFERENCE	DEVICE
D20	R4	12V, 4–PIN MICRO
D21	R5	12V, 5–PIN MICRO
D22	R6	12V, 4–PIN MICRO
D23	F17	MINI FUSE – 30A
D24	F18	MINI FUSE – 30A
D25	F19	MINI FUSE – 30A
D26	F20	MINI FUSE – 30A
D27	F21	MINI FUSE – 30A
D28	F22	MINI FUSE – 30A
D29	R7	12V, 5–PIN MICRO
D30	R8	12V, 5–PIN MICRO
D31	R9	12V, 5–PIN MICRO
D32	R10	12V, 5–PIN MICRO
D33	F23	MINI FUSE – 15A
D34	F24	MINI FUSE – 30A
D35	R11	12V, 5–PIN MICRO
D36	R12	12V, 5–PIN MICRO
D37	R13	12V, 5–PIN MICRO
D38	R14	12V, 5–PIN MICRO

SPARE DEVICE		
POSITION	DEVICE	RATING
SP1	MINI FUSE	5A
SP2	MINI FUSE	10A
SP3	MINI FUSE	10A
SP4	MINI FUSE	15A
SP5	MINI FUSE	20A
SP6	MINI FUSE	20A
SP7	MINI FUSE	30A
SP8	MINI FUSE	30A

SERVICEABLE PART		
DEVICE	PART #	RATING
12V, 5–PIN RELAY	B120–7016–SRV	12V, 35A NO/20A NC
12V, 4–PIN RELAY	B120–7022–SRV	12V, 20A NO
MINI FUSE	BK–ATM–5	5A
MINI FUSE	BK–ATM–10	10A
MINI FUSE	BK–ATM–15	15A
MINI FUSE	BK–ATM–20	20A
MINI FUSE	BK–ATM–30	30A
FUSE PULLER	32013BS	–
COVER	B151–7181	–

Part Number: 32S-302-0
ssDVEC Power Distribution Unit

24 x Mini fuses (4 each of 10A, 15A, 20A & 30A) plus 8 spare fuses
12 x ISO280 12VDC 35A/20A SPDT Micro Relays
2 x ISO280 12VDC 20A SPST Ultra Micro Relays
Connectors not included. Output terminals rated 30A max.