

WINPOWER®

Powr-Pak®

ILLUSTRATED PARTS LIST

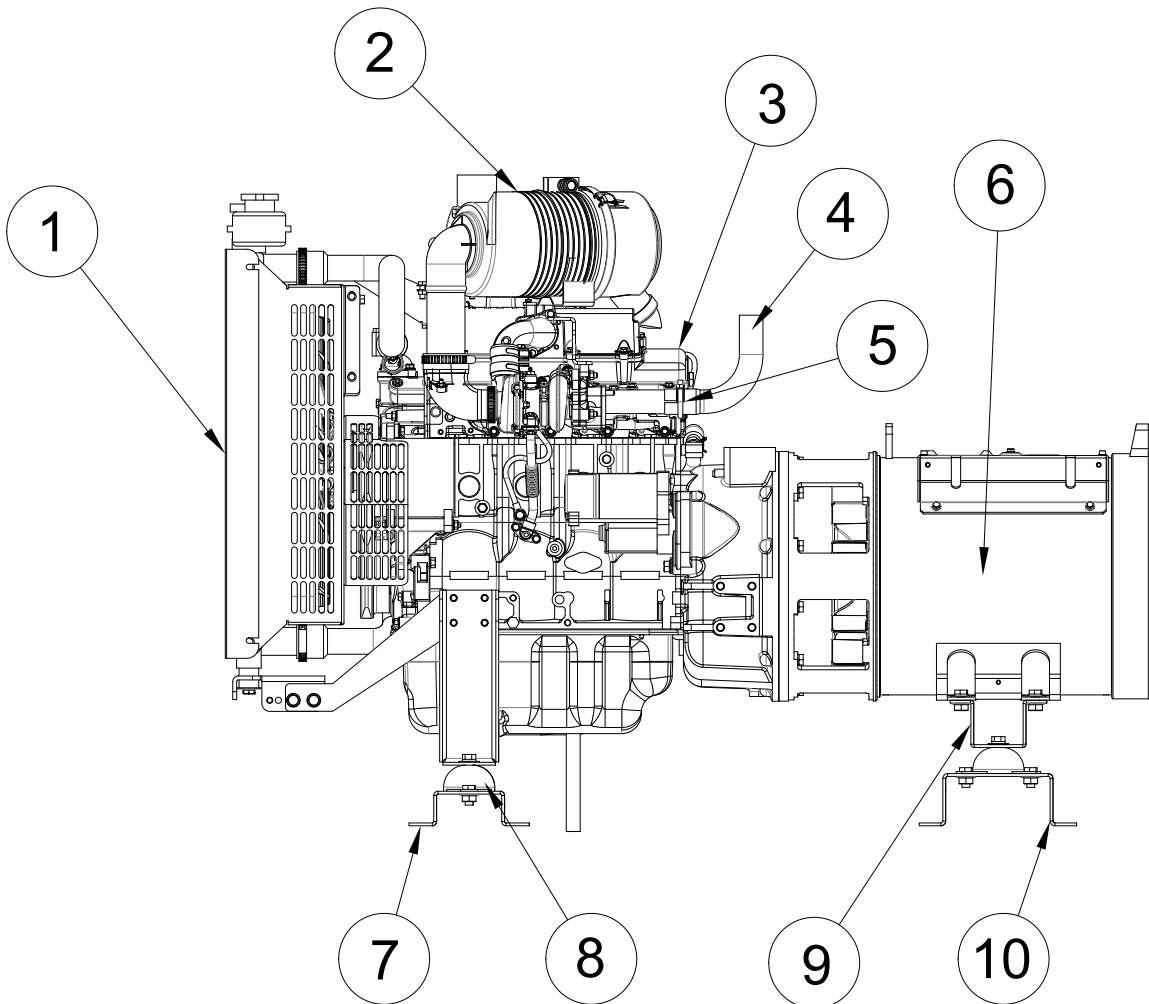
DE3014

**WITH DSE 702 CONTROL
WITH KEY-START CONTROL
WITH DSE 3110 CONTROL**



**WINCO INC.
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LE CENTER, MN 56057
(507) 357-6821
SERVICE DEPT.
(507) 357-6831
wincogen.com**

ENGINE / GENERATOR ASSEMBLY

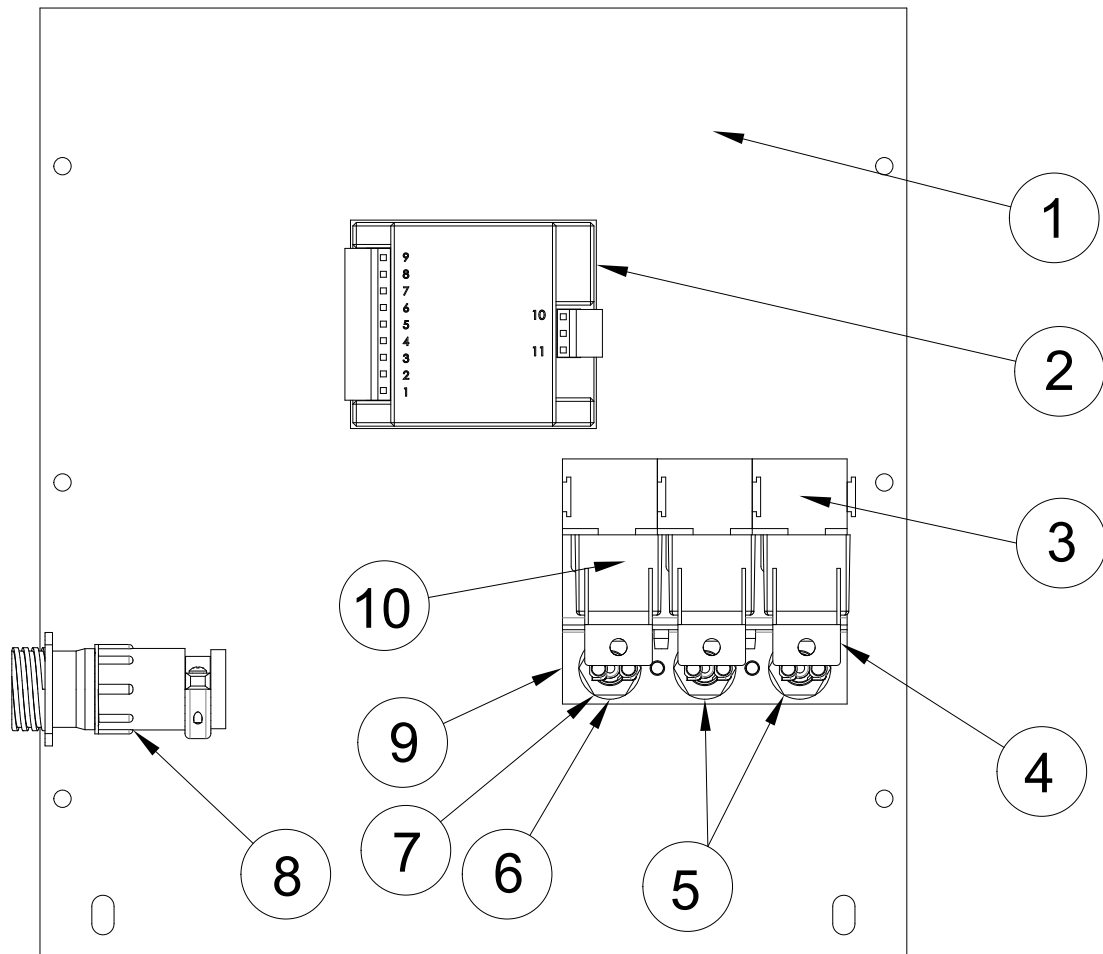


REF #	PART NUMBER	QTY	DESCRIPTION
1	874030-085	1	Radiator Shield
2	P827653	1	Outer Air Filter
2	P775300	1	Inner Air Filter
3	350001-77	1	Engine, Isuzu 4LE1T (Turbo)
4	807030-011	1	Exhaust Elbow
5	93489-017	1	Muffler Clamp
6	SEE TABLE	1	Mecc Alte Spa Generator
7	801030-011S	1	Engine Cross Member
8	98956-001	4	Shock Mount
9	807030-010	1	Exhaust Turbo Pipe
10	801030-006S	1	Generator Support
11	801030-012S	1	Generator Cross Member
NI	811030-000	1	Engine Harness
NI	804030-100	1	Fuel Pump Bracket
NI	350484-6	1	Battery Hold Down Kit
NI	805030-001	1	Battery Tray
NI	22097-009	1	Battery Positive (+) Cable
NI	22097-012	1	Battery Negative (-) Cable
NI	16428-412	1	DSR Voltage Regulator
NI	Not Illustrated		

WINPOWER MODEL #	WINPOWER PART #	DESCRIPTION
DE30I4 (w / DSE702)	803030-000	DSE702 Control Panel Assy.
DE30I4 (w / Key-start)	803030-050	Key-Start Control Panel Assy.
DE30I4 (w / DSE3110)	803030-200	DSE3110 Control Panel Assy.

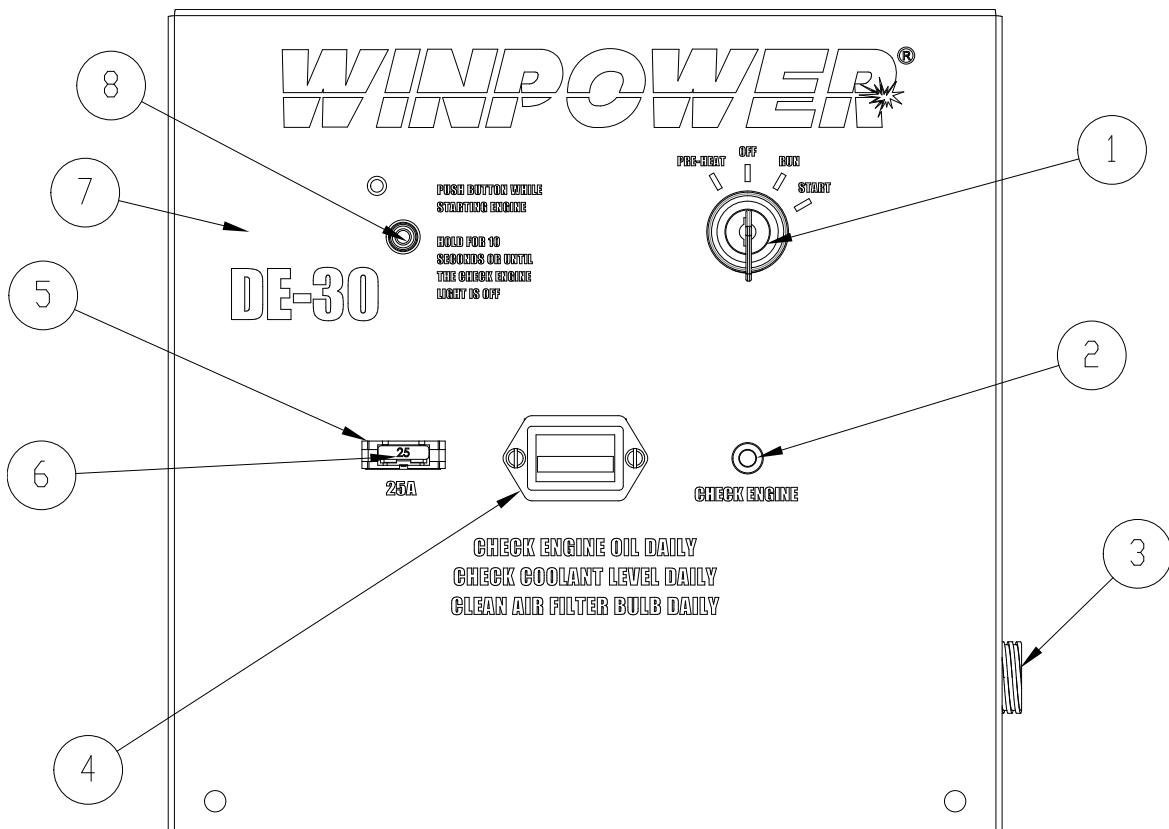
MODEL #	MECC ALTE SPA MODEL #	WINPOWER PART #
Single Phase: DE30I4-A (120/240)	ECO32-2S/4 4-LEAD	351836-8
Three Phase: DE30I4-D (120/208) DE30I4-J (120/240) DE30I4-L (277/480)	ECO32-2S/4 12-LEAD	351836-4

DSE702 CONTROL PANEL ASSEMBLY



REF #	PART NUMBER	QTY	DESCRIPTION
1	803030-100	1	Control Panel
2	351115-1	1	DSE702 Control
3	59270-001	3	5 Pin Relay Connector
4	803030-107	1	Relay Bracket
5	95064-008	2	2 Amp Fuse
6	95064-140	1	40 Amp Fuse
7	2489-001	3	Fuse Holder
8	96925-006	1	16 Pin Connector
9	59944-016	3	SPDT Relay

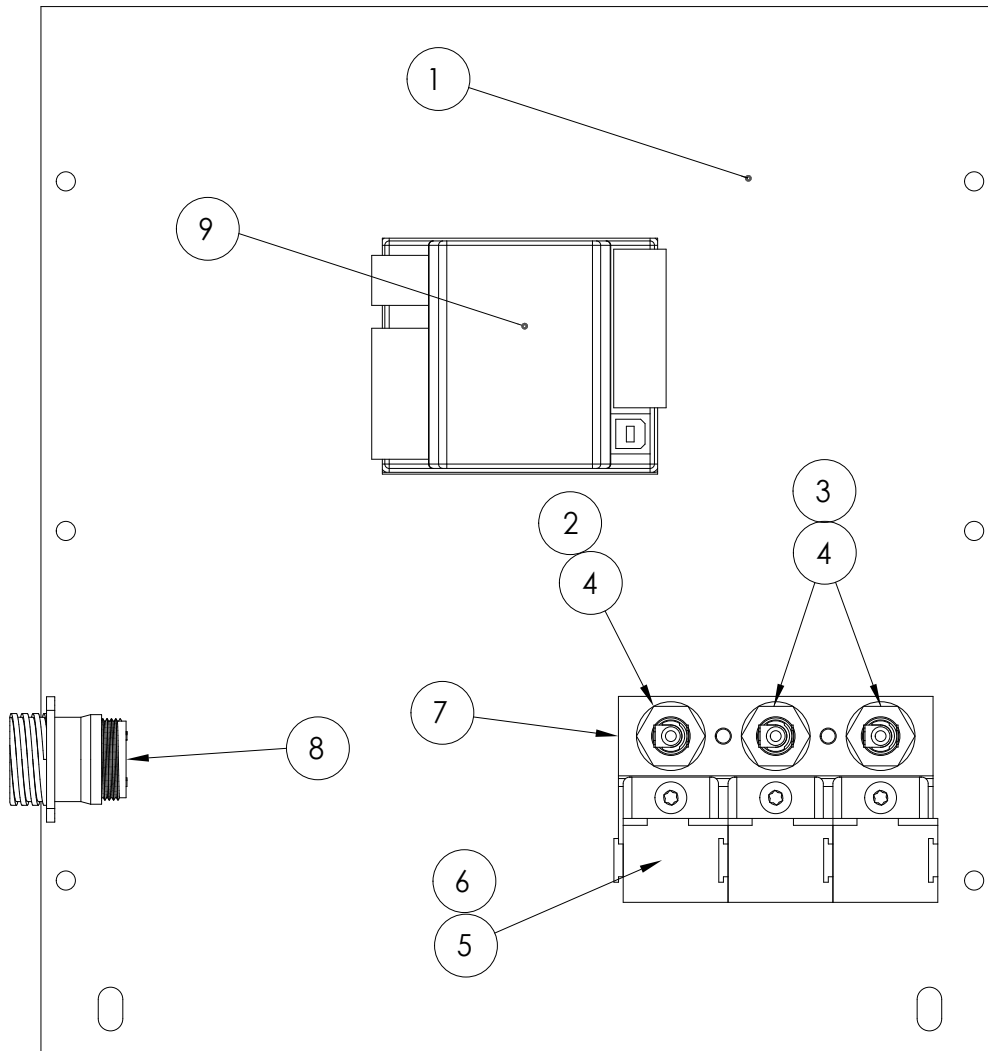
KEY-START CONTROL PANEL ASSEMBLY



REF #	PART NUMBER	QTY	DESCRIPTION
1	72252-001	1	Start Switch (on)-off-on-(on)
2	57991-007	1	Red Indicator Light
3	96925-006	1	16 Pin Connector
4	58166-006	1	4-40 VDC Running Time Meter
5	2489-002	1	Panel Mount Fuse Holder
6	95064-140	1	40 Amp Fuse
7	803030-050	1	Key-Start Control Panel
8	91688-001	1	Safety Latching Relay

Note: Complete Panel Assembly sold as part # 802030-105

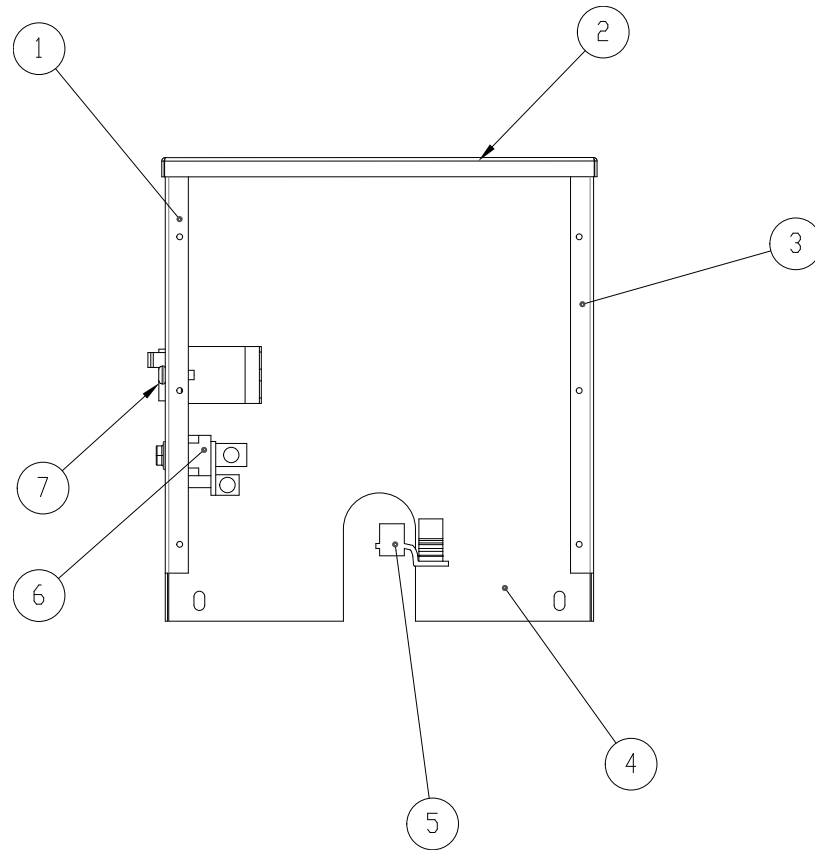
DSE3110 CONTROL PANEL ASSEMBLY



REF #	PART NUMBER	QTY	DESCRIPTION
1	803030-101	1	Control Panel
2	95064-140	1	40 Amp Fuse
3	95064-008	2	2 Amp Fuse
4	2489-001	3	Fuse Holder
5	59270-001	3	5 Pin Relay Connector
6	59944-016	3	SPDT Relay
7	802020-005	1	Relay Bracket
8	96925-006	1	16 Pin Connector
9	351112-5	1	DSE3110 Control

NOTE: Complete Panel Assembly sold as 803030-200

CIRCUIT BREAKER ASSEMBLY

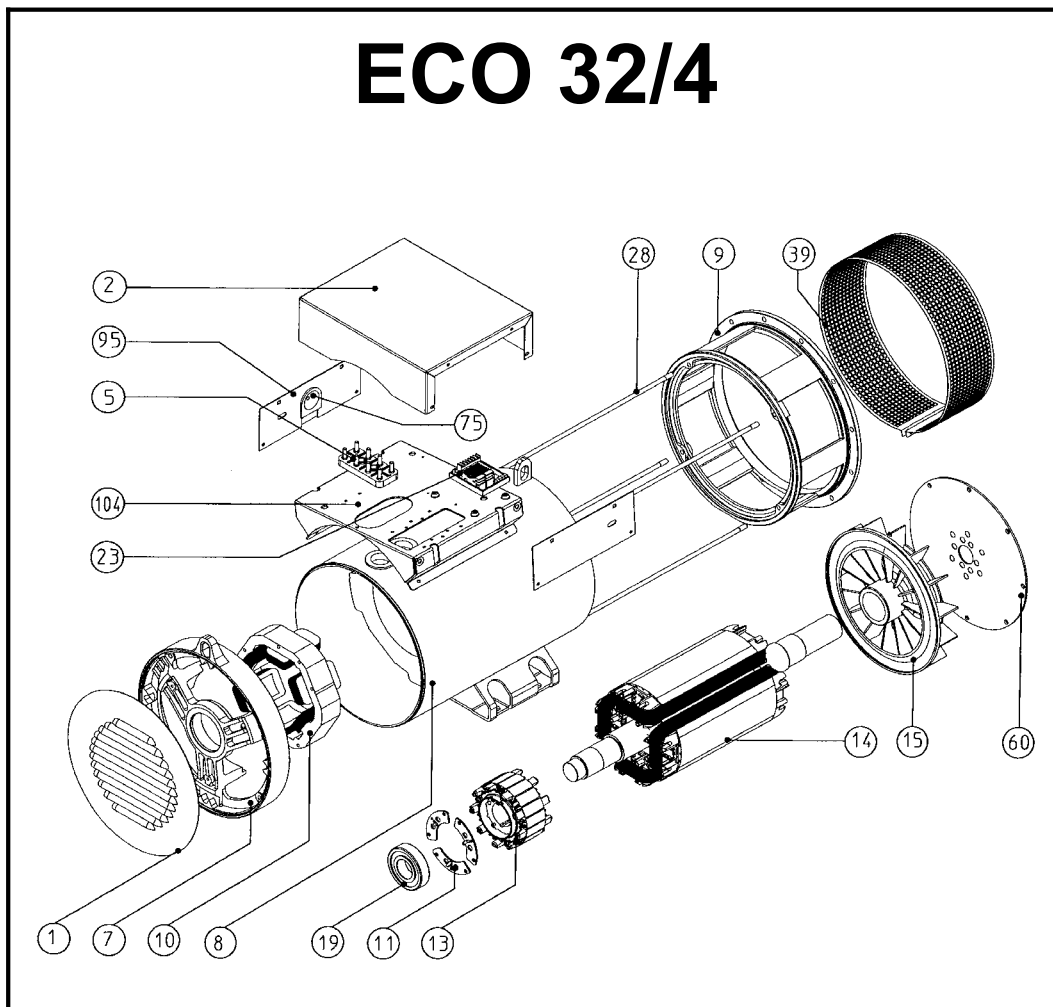


REF #	PART NUMBER	QTY	DESCRIPTION
1	SEE TABLE	1	Circuit Breaker Panel
2	827030-000S	1	Cover
3	828030-000S	1	Front Panel
4	826030-000S	1	Back Panel
5	48043-000	2	Ground Lug
6	350124-3	1	Neutral Block
7	SEE TABLE	1	Circuit Breaker

WINPOWER MODELS	PART NUMBER	DESCRIPTION
DE30I4-A (120/240) Single Phase	829030-001S 58805-006	CIRCUIT BREAKER PANEL 125 AMP 2-POLE BREAKER
DE30I4-D (120/208) Three Phase	802020-003 82584-003	CIRCUIT BREAKER PANEL 90 AMP 3-POLE BREAKER
DE30I4-J (120/240) Three Phase	802020-003 82584-003	CIRCUIT BREAKER PANEL 90 AMP 3-POLE BREAKER
DE30I4-L (277/480) Three Phase	802020-007 81097-002	CIRCUIT BREAKER PANEL 45 AMP 3-POLE BREAKER

GENERATOR END

ECO 32/4



GENERATOR SPECIFICATIONS:

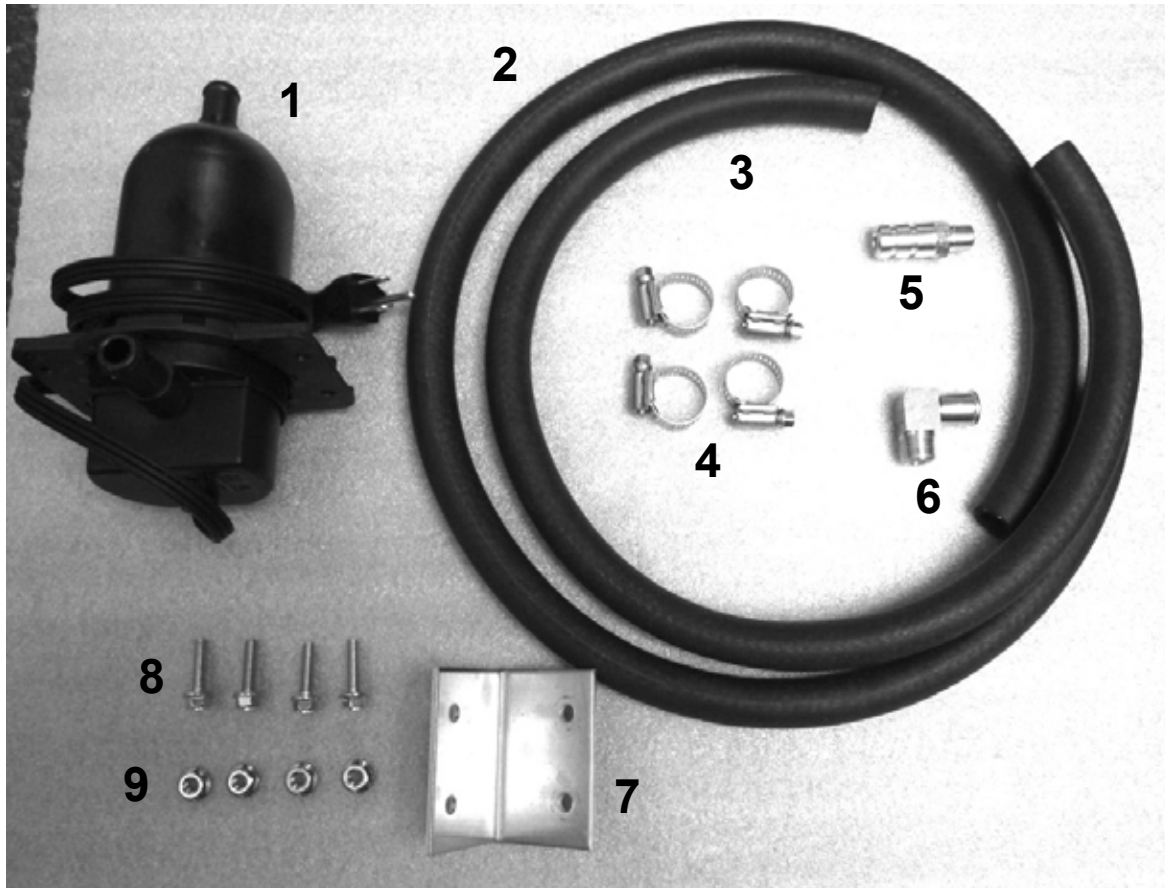
MODEL: ECO32-2S/4

COMPONENT	RESISTANCE VALUES
STATOR	0.097 Ohms
ROTOR	2.010 Ohms
AUXILIARY	1.098 Ohms
EXCITER STATOR	10.60 Ohms
EXCITER ROTOR	0.417 Ohms

For a complete Mecc Alte Spa Manual for the generator-end use the following link to download it from the Winco website.

http://www.wincogen.com/Winco_downloads.html#genend

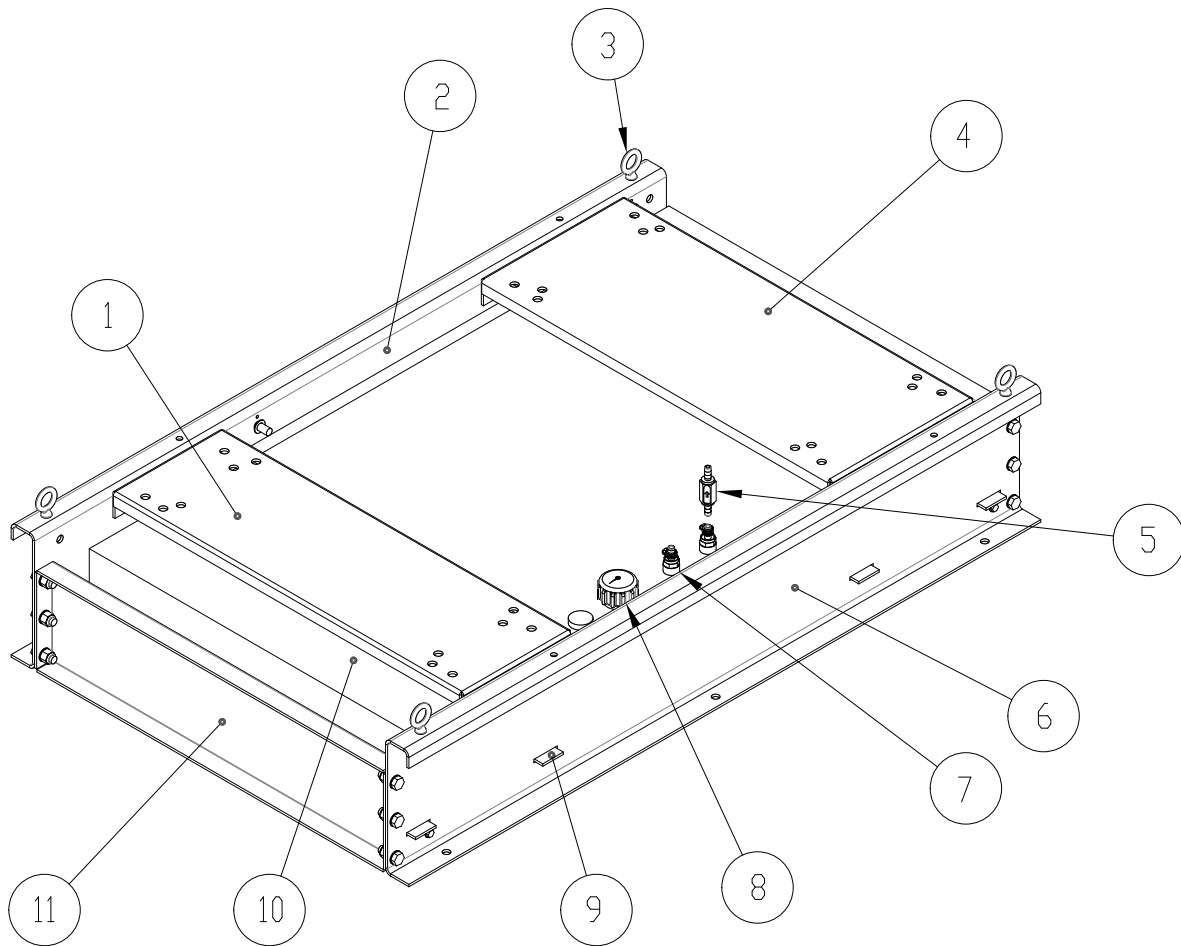
BLOCK HEATER KIT (OPTIONAL)



COMPONENT & HARDWARE LIST

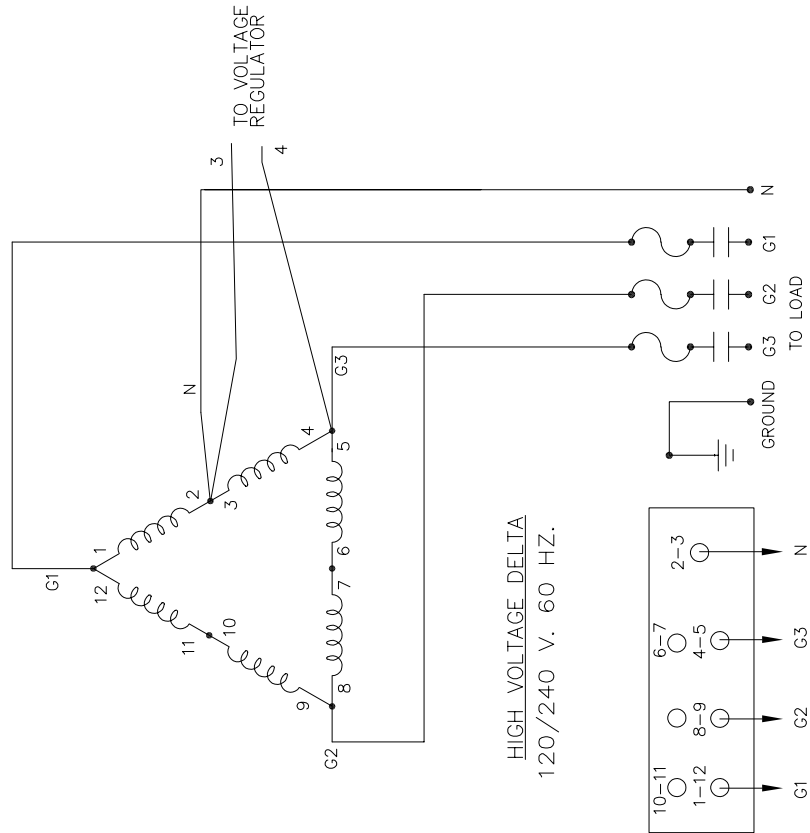
REF. #	PART #	DESCRIPTION	QTY.
1	80781-003	1000 Watt 120 Volt Heater	1
2	93689-001	5/8" I.D. Hose	43"
3	93689-001	5/8" I.D. Hose	29"
4	81018-005	Hose Clamp	4
5	350341	1/4" NPT X 5/8" Hose Fitting	1
6	92382-000	3/8" NPT X 5/8" Hose Fitting Elbow	1
7	Reference	Mounting Bracket	1
8	Reference	Bolt	4
9	Reference	Nut	4

FUEL TANK KIT (OPTIONAL)

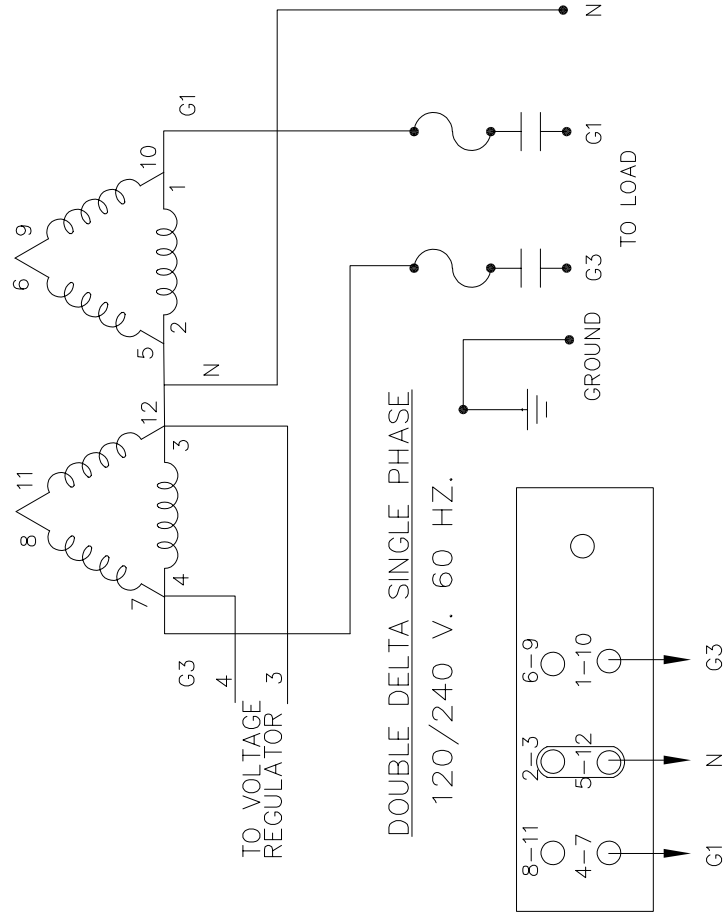


REF #	PART NUMBER	QTY	DESCRIPTION
1	815000-005S	1	Engine Cross Member
2	815000-001S	1	Left Rail
3	51559-001	4	Eye Bolt
4	815000-006S	1	Generator Cross Member
5	95895-001	1	Check Valve
6	815000-002S	1	Right Side Rail
7	94319-008	2	Hose Fitting
8	62396-003	1	Fuel Cap with Gauge
9	815000-004S	2	Tank Support
10	350041-99	1	32 Gallon Plastic Fuel Tank
11	815000-003S	2	End Cap
NI	815000-451	4	Tank Foam
NI	55505-000	8 FT	Fuel Hose
NI	81018-009	6	Hose Clamp
NI	92421-001	6 FT	¾" Foam Strip
NI	Not Illustrated		

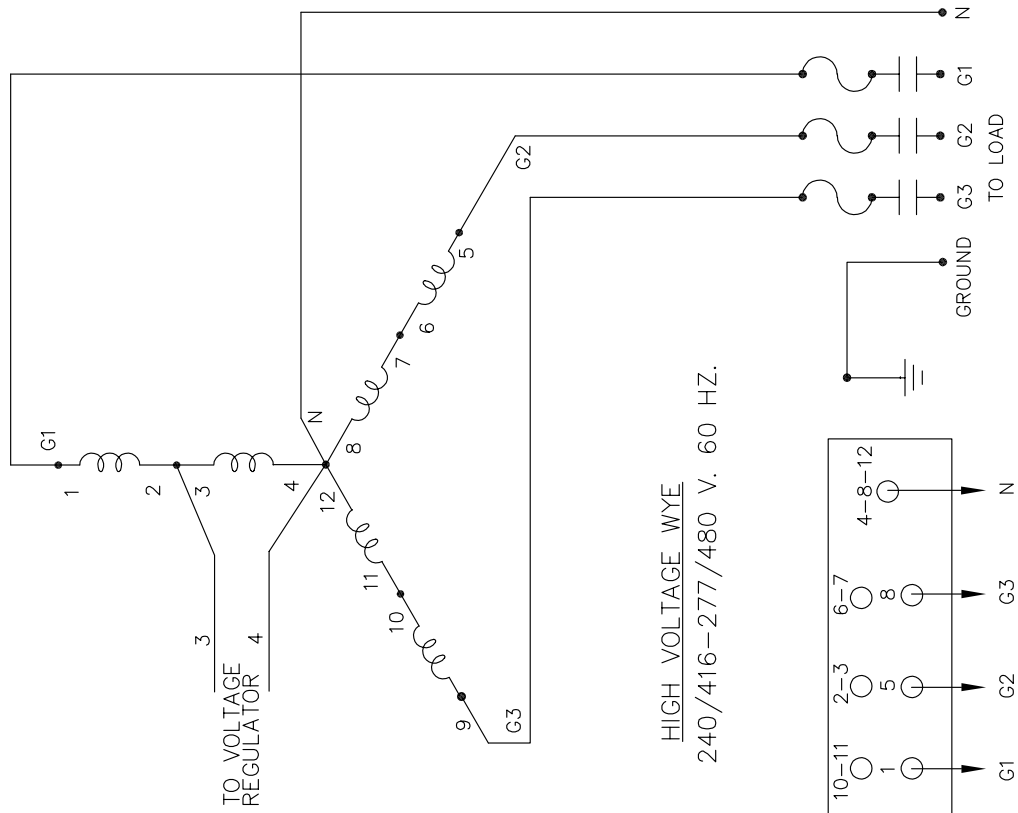
120/240 Three Phase



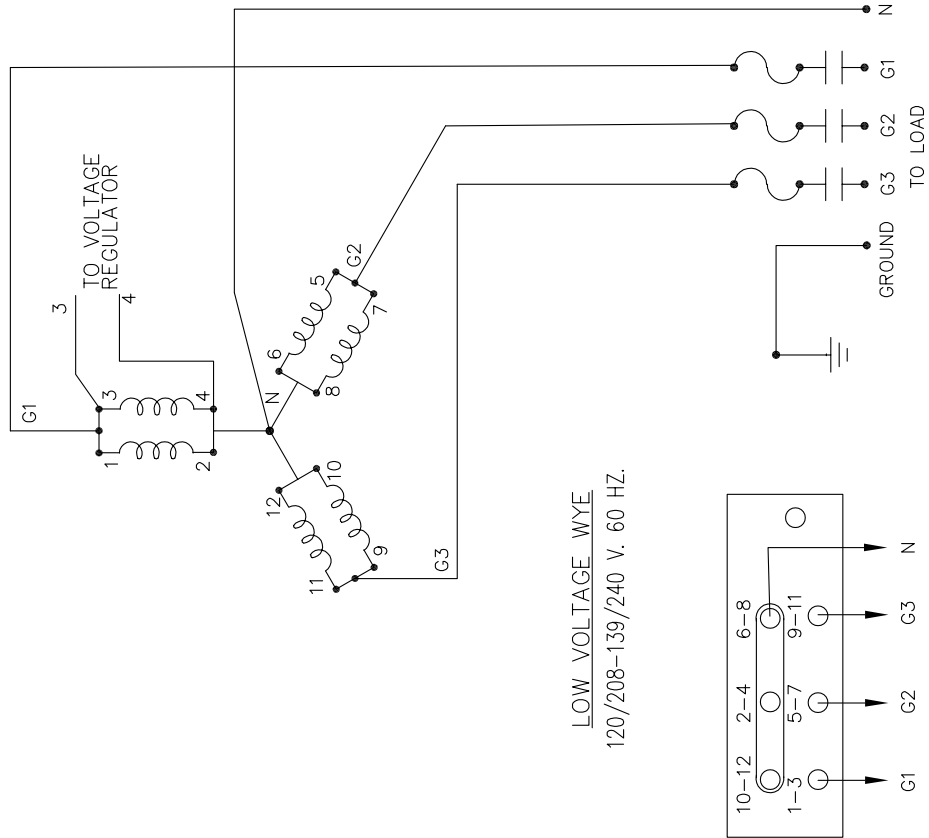
120/240 Single Phase



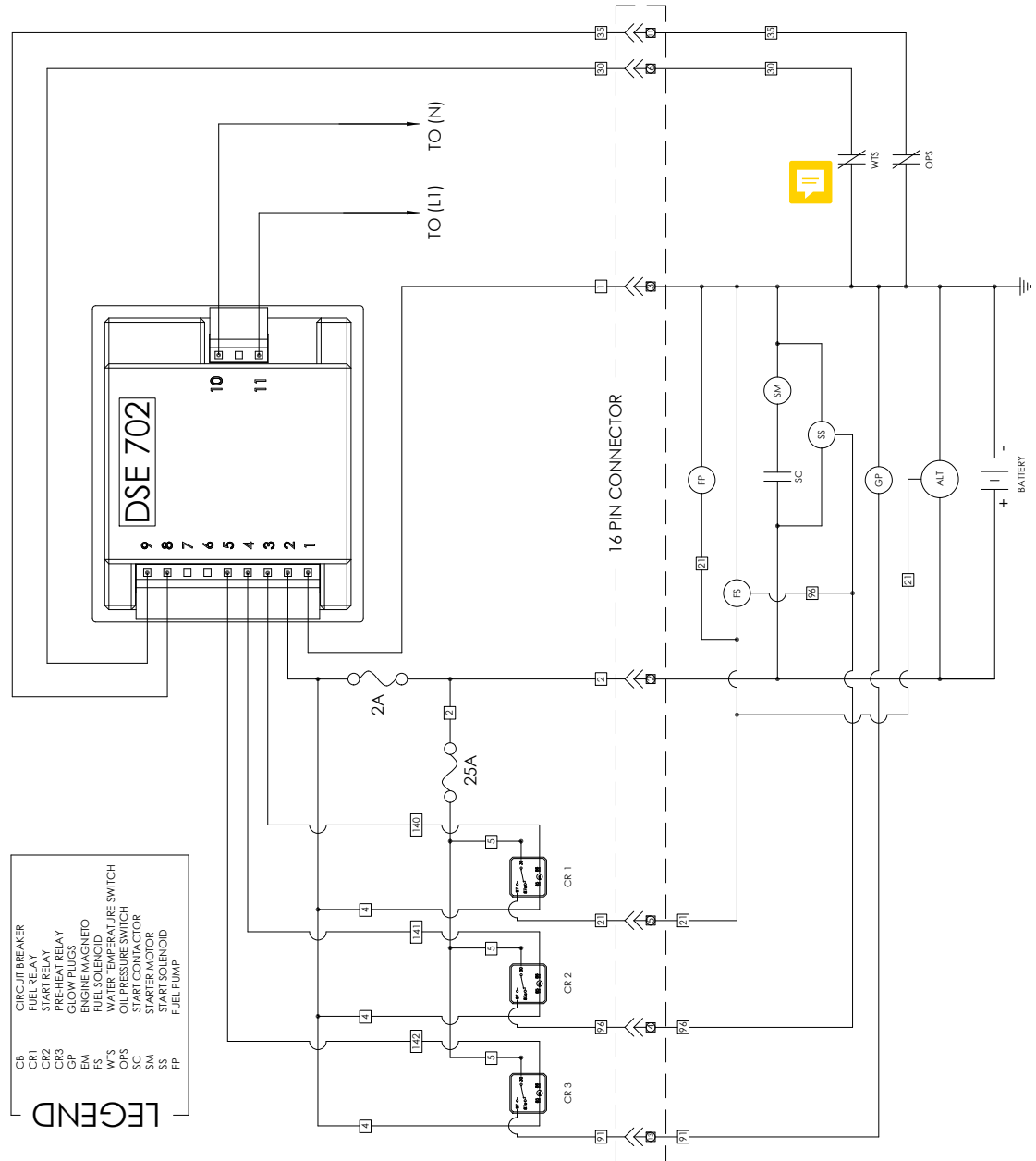
120/208 Three Phase



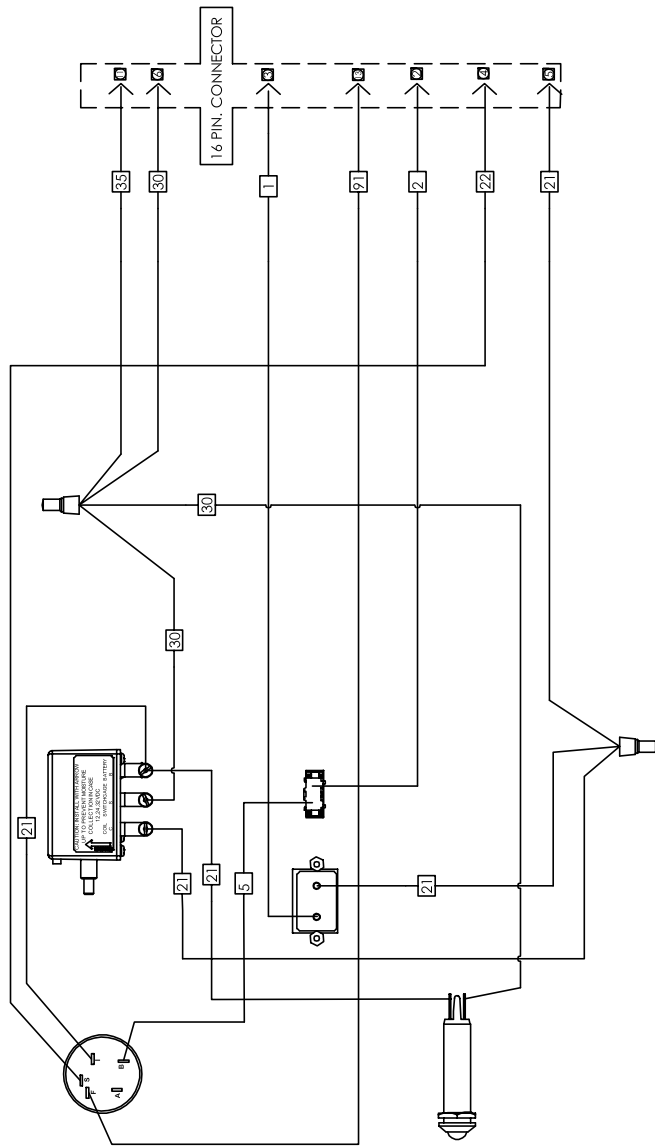
277/480 Three Phase



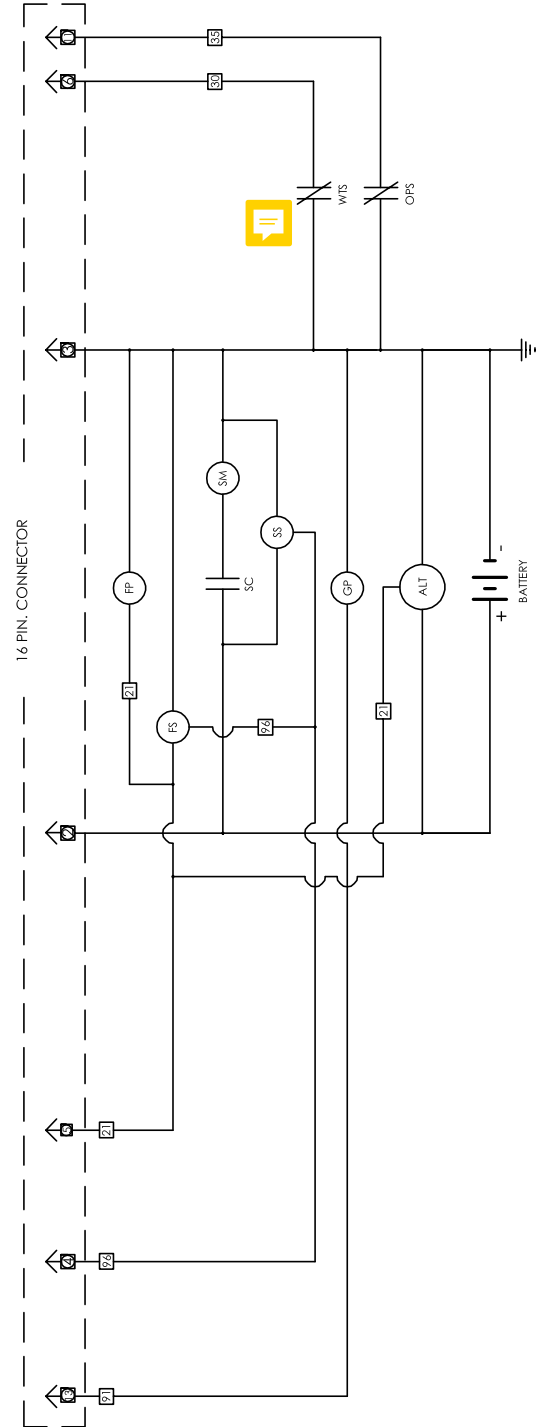
DC SCHEMATIC DSE702 CONTROL



DC SCHEMATIC KEY-START CONTROL



START
CONTROL
PANEL



ENGINE
WIRING
HARNESS

WIRING DIAGRAM DSE3110 CONTROL

