


100. GENERAL  
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL: ± 1/16  
ANGULAR: MACH ± 3° BEND ± 3°  
TWO PLACE DECIMAL ± 0.01  
THREE PLACE DECIMAL ± 0.005

200. MATERIAL

300. PROCUREMENT  
301. PROCURE FROM MCMMASTER-CARR  
302. PROCURE FROM MCMMASTER-CARR AND MODIFIED  
303. PROCURE FROM AUTOMATION DIRECT

400. FINISHING  
500. RELATED FILES  
600. ASSEMBLY

32	2	SBHCSCREW 0.375-24X0.5-HX-N	3/8 - 24 X 0.5 BLACK OXIDE BUTTON HEAD CAP SCREW		C1
31	4	SBHCSCREW 0.25-20X1.625-HX-N	1/4 - 20 X 1.625 BLACK OXIDE BUTTON HEAD CAP SCREW		D6
30	12	SBHCSCREW 0.25-20X0.375-HX-N	1/4 - 20 X 0.375 BLACK OXIDE BUTTON HEAD CAP SCREW		D6
29	4	SBHCSCREW 0.19-32X5-HX-N	10 - 32 X 5 BLACK OXIDE SOCKET HEAD CAP SCREW		B5
28	3	SBHCSCREW 0.19-32X1.25-HX-N	10 - 32 X 1.25 BLACK OXIDE BUTTON HEAD CAP SCREW		A5
27	3	SBHCSCREW 0.19-32X0.375-HX-N	10 - 32 X 0.375 BLACK OXIDE BUTTON HEAD CAP SCREW		B5
26	14	SBHCSCREW 0.19-32X0.25-HX-N	10 - 32 X 0.25 BLACK OXIDE BUTTON HEAD CAP SCREW		A4
25	4	HNUT 0.3750-16-D-N	3/8 - 16 HEX NUT		A1
24	2	HNUT 0.3750-24-D-N	3/8 - 24 HEX NUT		C1
23	3	C-624	IGNITION COIL		D5
22	3	GQ-15-24-D-1-3	SOLID STATE SWITCH	303	A5
21	1	GMCBU-3C-15	3 POLE GFCI BREAKER	303	B4
20	1	148E1111	DISCONNECT HANDEL	303	A3
19	1	14070532	DISCONNECT SWITCH ROD	303	A3
18	1	22003008	DISCONNECT SWITCH	303	A1
17	1	7513K83	1 NPT FEMALE X 1 NPSM MALE STRAIGHT FOR MEDIUM- AND THICK-WALL STEEL CONDUIT	301	B1
16	1	9307K211	BUNA-N RUBBER GROMMETS	301	B1
15	1	18975T39	LED STACK LIGHT	301	D1
14	6	7641K35	END STOP FOR ONE CIRCUIT MODULAR DIN-RAIL MOUNT TERMINAL BLOCK	301	A3
13	1	8961K87	STEEL DIN 3 RAIL	301	B4
12	3	7641K848	MODULAR DIN-RAIL MOUNT TERMINAL BLOCK	301	A3
11	9	7641K929	MODULAR DIN-RAIL MOUNT TERMINAL BLOCK	301	A3
10	1	7967T7	ACCIDENT PREVENTION LABEL DANGER-HIGH VOLTAGE MESSAGE	301	A6
9	2	SP-2-9/7578K742	9.5 SLOTTED WIRE DUCT WITH SNAP-ON COVER	302	C1
8	1	SP-2-8/7578K742	18 IN SLOTTED WIRE DUCT WITH SNAP-ON COVER	302	A4
7	1	SP-2-7/7578K742	20IN SLOTTED WIRE DUCT WITH SNAP-ON COVER	302	D5
6	2	SP-2-6/7578K742	21IN SLOTTED WIRE DUCT WITH SNAP-ON COVER	302	D5
5	3	SP-2-5-0	TRANSFORMER AND MOUNTING PLATE		D6
4	1	SP-2-4/7561K64	STEEL INDOOR ENCLOSURE	302	D1
3	1	SP-2-3	IGNITION COIL MOUNT		D5
2	1	SP-2-2	MOUNTING PLATE		B1
1	3	SP-2-1-0	VOLTAGE MULTIPLIER		B5
FIND NO.	QTY.	PART NUMBER	DESCRIPTION	NOTE	ZONE



SOLARIS  
PROPULSION

PART NUMBER:  
SP-2-0

NAME  
MATTHEW MAHNKE

DATE  
1/24/2025

CHECKED

ENG APPR.

SIZE  
D

ECO NUMBER:

MATERIAL:

REV  
1

SCALE: 3:8 QTY:1

SHEET 1 OF 1