Hershey (Y&S) ENG-F-008 Bill of Material Worksheet - Rev 008 QUOTE #:

1 Twist Line 5 9015292 DATE:

		1	Twist Line 5	<u>9015292</u>	DATE:			
Received	Back Ordered	QTY	PART #	DESCRIPTION	MFG.	COMMENTS	ON AE BOM	ITEM
x		1	HPB106-3	Edison open power distribution block, 175A, 3- pole, line side: 1 opening accepts 2/0 AWG to 8 AWG, load side: 6 openings accept 4 AWG to 14 AWG, panel mount, UL 1953 listed.	Edison		х	20
x		1	PBC33	Edison power distribution block cover, package of 1. For use with 310A, 380A, and 570A open style 3-pole blocks and HPB106-3 block.	Edison		х	20
x		1	FG4	Hammond finger guard, primary or secondary side. For use with fused and unfused 350 VA and 500 VA Imperator series control transformers as well as PH750MQMJ, PH250MLI, and PH250MGJ.	Hammond		х	31
x		1	PH500MQMJ	Hammond control transformer, encapsulated core, 500 VA, 1-phase, 240/480 VAC primary, 120/240 VAC secondary, 50/60 Hz, panel mount.	Hammond		х	31
x		1	LEFT CELL	Textured Plastic Nameplate - 3/4" x 3 1/2" - 3/8" Text - Mtg Holes "LEFT CELL"	Carolina Laser		х	HVE
х		1	PROGRAMMING PORT ONLY 120VAC FOR LAPTOP ONLY	Textured Plastic Nameplate - 1" x 5" - 1/4" Text - 2 Lines - Mtg Holes LINE 1 = "PROGRAMMING PORT ONLY" LINE 2 = "120VAC FOR LAPTOP ONLY"	Carolina Laser		х	HVE
x		2	RELEASE ACCESS	Textured Plastic Legend Plate - 22mm Rectangular - 2 Lines "RELEASE ACCESS"	Carolina Laser		х	HVE
х		2	REQUEST ACCESS	Textured Plastic Legend Plate - 22mm Rectangular - 2 Lines "REQUEST ACCESS"	Carolina Laser		х	HVE
х		1	RIGHT CELL	Textured Plastic Nameplate - 3/4" x 3 1/2" - 3/8" Text - Mtg Holes "RIGHT CELL"	Carolina Laser		Х	HVE
x		2	SAFETY KEY FOR ENTRY TO CELL	Textured Plastic Nameplate - 1" x 5" - 1/4" Text - 2 Lines - Mtg Holes LINE 1 = "SAFETY KEY FOR" LINE 2 = "ENTRY TO CELL"	Carolina Laser		х	HVE
х		3	SAFETY RESET	Textured Plastic Legend Plate - 22mm	Carolina Laser		Х	HVE
x		2	ESL-41/60-ENES-10	Rectangular - 2 Lines "SAFETY RESET" , EMERGENCY STOP, PARADA DE EMERGENCIA (English & Spanish), 60 mm OD, 41 mm hole, Use with SSA-EB1 40 mm and SSA- EB2 60 mm Actuators, Qty 10	Banner		х	FIELD
х		50	F6073-ND	FUSE AUTOMOTIVE 3A 32VDC BLADE	LittleFuse		Х	14
х		5	277-1088748-ND	End cover, depth: 45.7 mm, width: 2.2 mm, height: 69.2 mm, color: gray For 1078999	Phoenix Contact		х	38
х		1	277-1159044-ND	24VDC 20A 480W Power Supply Input 320 - 550 VAC 3PH	Phoenix Contact		х	27
х		50	277-1523-ND	End clamp, width: 9.5 mm, color: gray	Phoenix Contact		Х	
х		1	277-3229-ND	Plug-in bridge, pitch: 6.2 mm, number of positions: 20, color: red For 3211797	Phoenix Contact	3030365	х	39
х		2	277-3233-ND	Plug-in bridge, pitch: 5.2 mm, number of positions: 20, color: red For 1078999	Phoenix Contact	3030226	х	13,38
х		5	277-3513-ND	End cover, depth: 39.6 mm, width: 2.2 mm, height: 68 mm, color: gray For 3210567	Phoenix Contact	3211634	х	13
х		5	277-7383-ND	End cover, depth: 29 mm, width: 2.2 mm,	Phoenix Contact	3208979	Х	39
				height: 77 mm, color: gray For 3211797				
	х	1	P-R2#2-K3RF5	Panel Interface Connector with Category 5e RJ45 [Qty: 2]; Panel Mount Housing; UL Type 4; GFCI Duplex Inside-Outlet; 5 Amp Circuit Breaker	GracePort	6/14/2024		36
х		1	R-3W	Voltage Indicator with Flashing LEDs	GracePort		Х	37
х		2	2450K3	Grounding Block w/9 Holes	McMaster Carr		Х	24
х		1	MCX-23 MPX-23 VIO-217R-PC100-KBL-U-RGG-	Controller	Mujin		Х	1
x		1	1	Monitor SXGA	Primio		Х	43
х		30	1078999	Terminal block, PTV 2 5-QUATTRO	Phoenix Contact		Х	38
х		1	2866381	Power Supply, DIN Rail Mount, 24V, 20A, Input 85-264V, 480W, TRIO Series	Phoenix Contact		х	27
х		4	2903334	Relay Module, DPDT, 250VAC, 250VDC/24VDC, 8A, RIFLINE COMPLETE RELAY Series	Phoenix Contact		х	27
x		32	277-9624-ND	Conn TermBlk DINRail Fuse Push-In 2Conn 24- 10AWG 15A 400V PT Series	Phoenix Contact	3208943	х	14
х		65	3210567	Terminal Block Connector, DIN Rail, Feed Through, 4 Position, PTTB Series	Phoenix Contact		х	13
х		25	3211797	Conn Term Blk DIN Rail Feed Thru Push-In Conn 24-10 AWG Gray 6.2 mm W PT Series	Phoenix Contact		х	39

x		1	SCE-36EL3616LP	EL Enclosure 36x36x16	Saginaw		Х	ENCL
x		2	SCE-36P36	Subpanel, Bent for 36x36, Actual 33x33	Saginaw		Х	ENCL
x		2	SCE-N12FA44LG	Filter Fan. (115v) Type 12 RAL 7035	Saginaw		Х	35
х		2	SCE-N12FGA44LG	Filter & Grille Assy. Type 12 RAL 7035	Saginaw		Х	35
x		1	440R-D22R2	AB 440R-D22R2 2NO SAFETY 1NC SOLID STATE REMOVABLE TERMINALS CONFIGURED AUTO/MANUAL OR MANUAL MONITORED RESET SAFETY RELAY, SWS	AB		x	46
x		4	440R-S13R2	AB 440R-S13R2 COMPATIBLE INPUT (CI) (1)DUAL CHANNEL INPUT INV 2NO OSSD OUTPUT (3)IMMEDIATE SAFETY OUTPUTS (1) NC AUX OUTUTS, (1) SWS OUTPUT 24VAC RELAY	АВ		х	12
х		2	5069-IB16	5069 DC INPUT MODULE	AB		Х	29
x		1	5069-L320ERS2	CONTROLLER, COMPACT GUARDLOGIX 5380 SAFETY, SIL2/PLD, 2.0MB STANDARD & 1.0MB SAFETY MEMORY, 40 NODES, 16 I/OS	АВ		х	29
x		2	5069-OB16	5069 DC OUTPUT MODULE	AB		Х	29
x		4	5069-RTB18-SCREW	TERMINAL BLOCK 18 SCREW RTB	AB		Х	29
x		1	5069-RTB64-SCREW	5069 COMPACT I/O POWER TERMINAL RTB KIT FOR BOTH 4 AND 6 PIN SCREW TYPE	AB		Х	29
x		1	AB 140G-G6C3-C60	AB 140G-G6C3-C60 140G-G6C3-C60, MCCB, 60AT, 125AF, G Frame	AB		Х	19
x		1	AB 140G-G-NVM12R	AB 140G-G-NVM12R 140G G FRAME ROTARY OPERATOR 12IN RED/YEL W/NFPA79 OPTION	AB		х	19
x		10	AB 1489-M1C030	AB 1489-M1C030 3AMP 1POLE 277VAC 48VDC MINIATURE CIRCUIT BREAKER TRIP CURVE C UL489	AB		х	33
x		3	AB 1489-M1C050	AB 1489-M1C050 5AMP 1POLE 277VAC 48VDC MINIATURE CIRCUIT BREAKER TRIP CURVE C UL489	AB		Х	34
x		1	AB 1489-M1C100	AB 1489-M1C100 10AMP 1POLE 277VAC 48VDC MINIATURE CIRCUIT BREAKER TRIP CURVE C UL489	AB		Х	32
x		1	AB 1489-M1C150	AB 1489-M1C150 15AMP 1POLE 277VAC 48VDC MINIATURE CIRCUIT BREAKER TRIP CURVE C UL489	AB		х	40
	x	1	AB 1489-M2D040	AB 1489-M2C040 4AMP 2POLE 480Y/277VAC 96VDC MINIATURE CIRCUIT BREAKER TRIP CURVE D UL489	AB			26?
x		2	AB 1489-M3C040	AB 1489-M3C040 UL489 4 A MINIATURE CIRCUIT BREAKER	AB		х	26
	x	1	AB 1489-M3C050	AB 1489-M3C040 UL489 5 A MINIATURE CIRCUIT BREAKER	AB	EXPECTED 7/01/2024		30
x		3	AB 1489-M3C100	AB 1489-M3C100 10AMP 3POLE 480Y/277VAC MINIATURE CIRCUIT BREAKER TRIP CURVE C UL489	AB		х	23
x		1	AB 1489-M3C150	AB 1489-M3C150 15AMP 3POLE 480Y/277VAC MINIATURE CIRCUIT BREAKER TRIP CURVE C UL489	AB		X	25
x		1	AB 1489-M3C200	AB 1489-M3C200 20AMP 3POLE 480Y/277VAC MINIATURE CIRCUIT BREAKER TRIP CURVE C UL489	AB		Х	22
	x	1	AB 1489-M3D030	AB 1489-M3D030 3AMP 3POLE 480Y/27TVAC MINIATURE CIRCUIT BREAKER TRIP CURVE D UL489	AB			42
x		1	AB 1783-US16T	AB 1783-US16T STRATIX 2000 16 PORT UNMANAGED SWITCH	AB		х	10
х		1	AB 1783-US5T	AB 1783-US5T STRATIX 2000 (5)PORT UNMANAGED ETHERNET SWITCH RJ45 10/100MBPS PORTS	AB		х	59
x		1	AB 800F-15YSE112	AB 800F-15YSE112 NAMEPLATE "EMERGENCY STOP" YELLOW W/BLACK TEXT 60MM ROUND 22.5MM MOUNTING HOLE	АВ		Х	49
x		7	AB 800F-ALM	AB 800F-ALM METAL MOUNTING LATCH FOR	AB		х	4,5,7
х		2	AB 800FM-LF5	BUILDING 22.5MM UNITS AB 800FM-LF5 YELLOW MOMENTARY PUSHBUTTON METAL ILLUMINATED FLUSH HEAD OPERATOR ONLY 22.5MM NEMA4/13 IP66	АВ		х	4
х		3	AB 800FM-LF6	AB 800FM-LF6 BLUE MOMENTARY PUSHBUTTON METAL ILLUMINATED FLUSH HEAD OPERATOR ONLY 22.5MM NEMA4/13 IP66	AB		х	5
x		2	AB 800FM-LF7	AB 800FM-LF7 MOMENTARY PUSHBUTTON METAL CLEAR ILLUMINATED FLUSH HEAD OPERATOR ONLY 22.5MM NEMA4/13 IP66	АВ		х	7

x		1	AB 800FM-LMT44MN3RX02S	AB 800FM-LMT44MN3RX02S RED ILLUMINATED TWIST TO RELEASE PUSHBUTTON,40MM,2NC SELF MOMITORING CONTACTS,RED,INTEGRATED LED	AB		x	49
				MODULE,METAL, 24V AC/DC LED,METAL LATCH MOUNT				
x		7	AB 800F-N3W	AB 800F-N3W WHITE 24VAC/DC INTEGRATED LED MODULE, LESS LATCH	AB		х	4,5,7
x		7	AB 800F-X10	AB 800F-X10 1NO CONTACT BLOCK FOR PUSHBUTTONS AND 194R DISCT LESS LATCH	АВ		х	4,5,7
x		1	AB 855E-24TL3	AB 855E-24TL3 GREEN STEADY LED SOCKET MOUNT 24VAC/DC STACK LIGHT MODULE	АВ		х	17
x		1	AB 855E-24TL4	AB 855E-24TL4 RED STEADY LED SOCKET MOUNT 24VAC/DC STACK LIGHT MODULE	АВ		х	15
x		1	AB 855E-24TL5	AB 855E-24TL5 AMBER STEADY LED SOCKET MOUNT 24VAC/DC STACK LIGHT MODULE	AB		х	16
х		1	AB 855E-B24SA3	AB 855E-B24SA3 SOUND MODULE (1)CIRCUIT/TONE PIEZO SOUND 24VAC/DC BLACK (CONTINUOUS OR PULSING TONES MODIFIED BY DIP SWITCH)	АВ		х	18
x		1	AB 855E-BPM10C	AB 855E-BPM10C CONTROL TOWER STACK LIGHT MOUNTING BASE,10CM POLE MOUNT,BLACK HOUSING,CAP INCLUDED	АВ		х	17
х		1	ABDR 25B-D010N104	AB 25B-D010N104 POWERFLEX 525 10.5AMP 480VAC 5.0HP B-FRAME OPEN IP20 AC DRIVE W/ EMBEDDED ETHERNET/IP SAFETY TORQUE OFF	АВ		х	8
x		3	ABDR 25B-D4P0N104	AB 25B-D4P0N104 POWERFLEX 525 4.0AMP 480VAC 2.0HP A-FRAME OPEN IP20 AC DRIVE W/ EMBEDDED ETHERNET/IP SAFETY TORQUE OFF	АВ		х	31
x		1	ABG3 440R-D22S2	AB 440R-D22S2 GUARDMASTER SAFETY RELAY, DUAL INPUT (DI), 2 DUAL CHANNEL NC INPUTS, 2 NO SAFETY SOLID STATE & 1 SS AUX OUTPUTS, 24VDC	АВ		х	50
	x	1	ABG3 440T-MRPSE100E	AB 440T-MRPSE100E TRAPPED KEY INTERLOCK	AB	EXPECTED 5/29/2024		47
	x	1	ABG3 440T-MRPSE100Y	AB 440T-MRPSE100Y SWITCH, ROTARY PANEL "KEYED Y"	AB	EXPECTED 5/29/2024		48
x		1	ABG3 898D-48LT-DM4	AB 898D-48LT-DM4 SAFETY WIRED DISTRIBUTION BOX, DUAL-CHANNEL N.C., NO ENUNCIATION	AB		х	EXT, FIELD
x		1	ABPC 1769-ECRK	AB 1769-ECRK COMPACTLOGIX RIGHT END CAP	AB		х	29
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