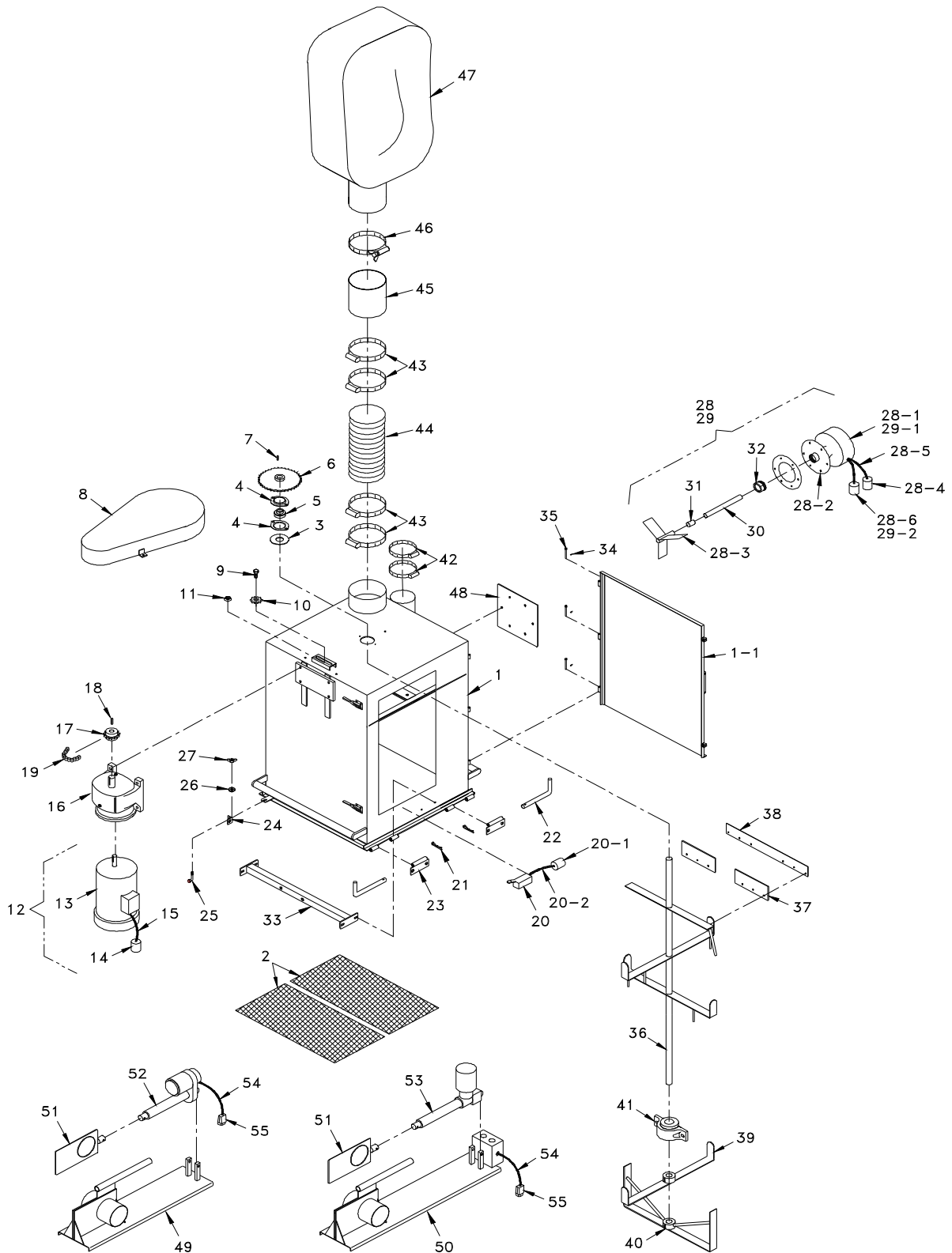


# VH550 Exploded Parts View

## VH550 VACUUM CANISTER



See next page for Parts List.

## VH550 Exploded Parts List

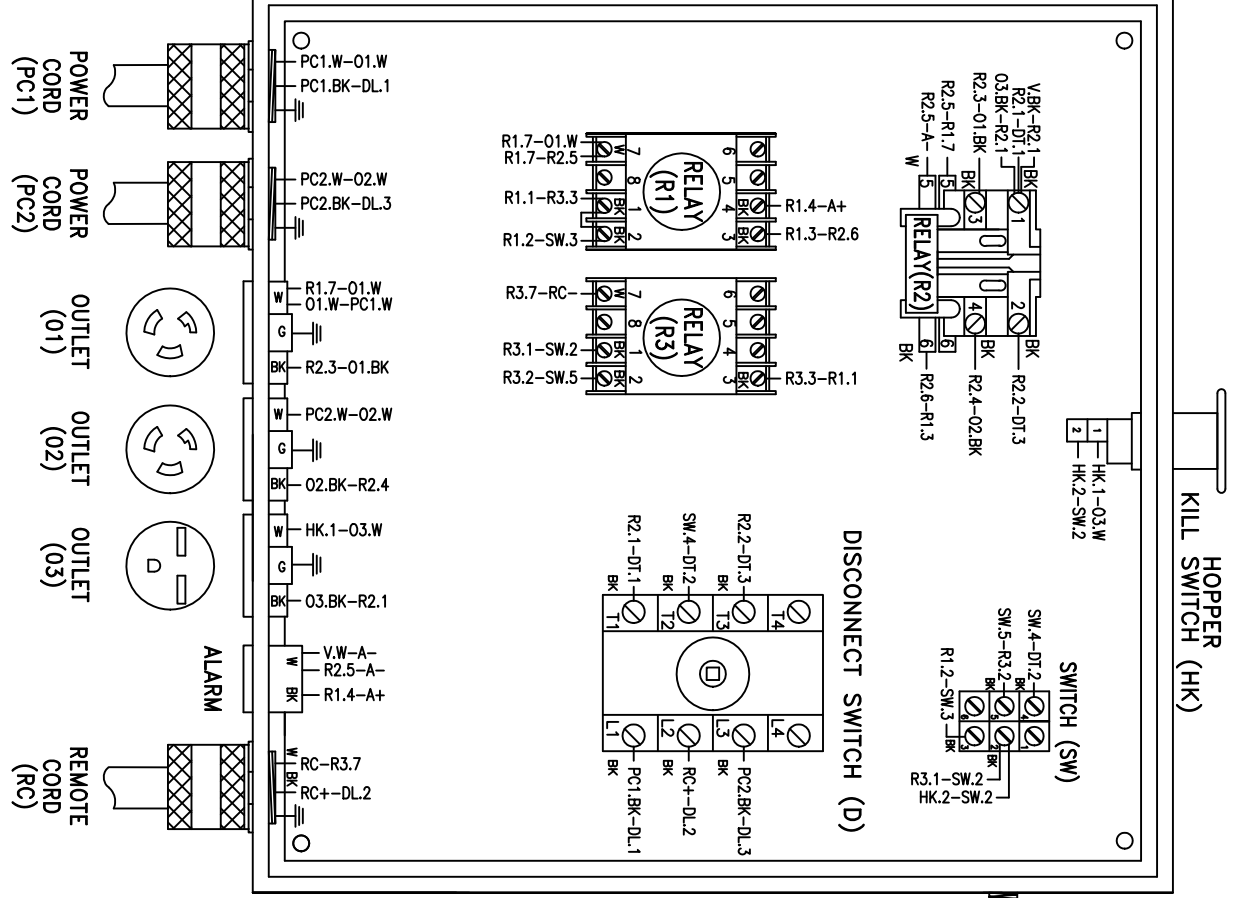
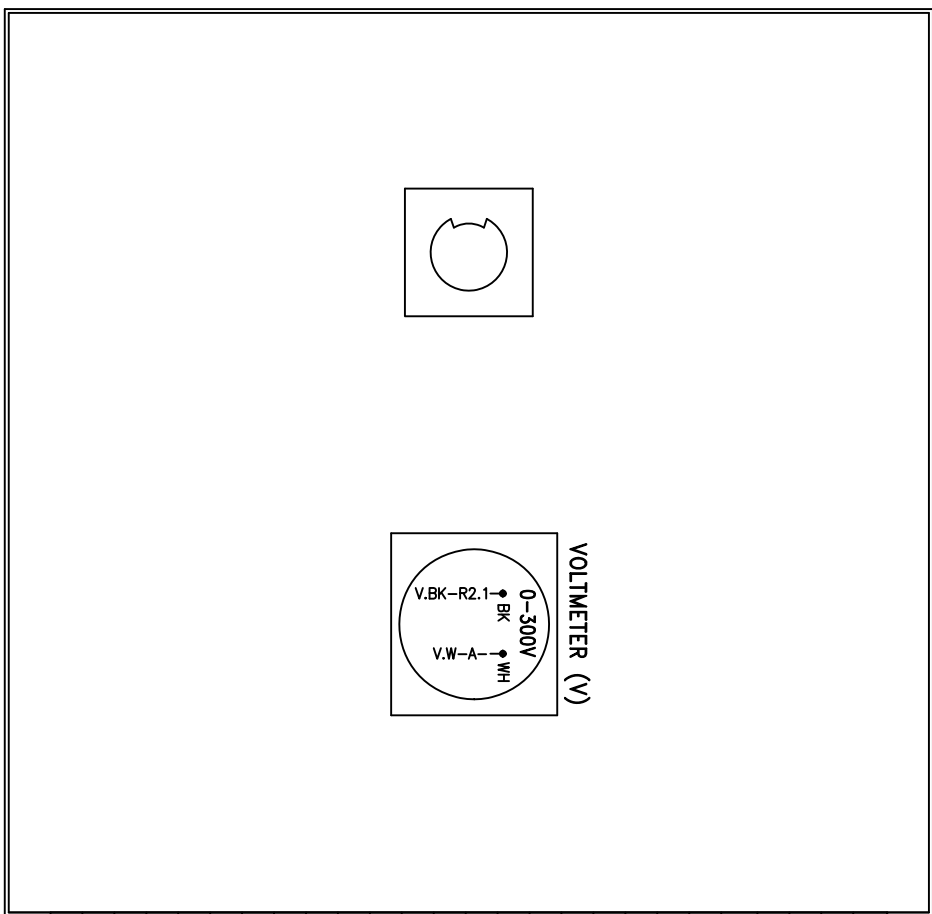
Item#	Part#	Description
1	200500-1-1	Hopper, Upper Vacuum
1-1	200500-1-8	Door, Vacuum Hopper
2	200500-9	Screen, Aluminum, Vacuum Hopper (2)
3	564	Seal, Felt, 3 1/4" O.D. x 1"
4	565	Housing, Flange, 1", 2-Bolt (2)
5	563	Bearing Insert, 1"
6	S-40BS40	Sprocket, #40 40T x 1"
7	562	Key 1/4" x 1/4" x 1 1/4"
8	200500-1-6	Guard, Vacuum Hopper
9	FSB112	SB 5/8" x 1 3/4" Shoulder Bolt
10	432	Sprocket, Idler #40 17T x 5/8"
11	40052	Nut, 1" x 1/2" (Plated)
12	VH550-CORE-60-1	Motor Assy, 3/4 H.P., 120V/60 Hz. (U.S.)
12	VH550-CORE-50-1	Motor Assy, 3/4 H.P., 230V/50 Hz. (Overseas)
13	511-1A	Motor, 3/4 H.P., 56 C-Face, 60 Hz (U.S.)
14	1538	Plug, NEMA#L5-15P (U.S.)
15	12-3 SJ	Wire, 12-3 SJ, 70" Long
16	513-R2	Reducer, Speed (Hub City)
17	S-40B15-B	Sprocket 15T x 1" w/Hub
18	561	Key, 1/4" x 1/4" x 1"
19	VH550-2	#40 Chain, 45" Long
20	250523-1	Limit Switch
20-1	126-B	Plug, NEMA# 6-15P
20-2	18-3 SJ	Wire, 18-3 SJ, 26" Long
21	150303	Pin, Clevis (2)
22	541	Hinge Pin (2)
23	580	Bracket, Hinge, Hopper Extension (2)
24	581	Latch Down Bracket (2)
25	2530-1	Latch Bolt, 2" Bent (2)
26	FW007	5/16" Flat Washer (2)
27	FN013	5/16 - 18 Wing Nut (2)
28	VH550-3	Bin Level Indicator Assy, 60Hz. (U.S.)
28-1	150523-3	Bin Level Indicator, 120V (U.S.)
28-2	150523-7	Flange Assy w/Gasket
28-3	150523-6	Paddle, Indicator
28-4	250530-A1-1	Connector (4579C)
28-5	18-3 SJ	Wire, 18-3 SJ 6ft Long (2)

## VH550 Exploded Parts List

Item#	Part#	Description
28-6	434	Plug, NEMA#L6-15P (U.S.)
29	VH550-3-50	Bin Level Indicator Assy, 50hZ. (Overseas)
29-1	150523-3-230	Bin Level Indicator, 230V (Overseas)
29-2	1538	Plug, NEMA# L5-15P (Overseas)
30	150523-4	Nipple, Pipe 1/4" x 3 1/2"
31	150523-5	Coupling, Pipe 1/4"
32	250527	Bushing Reducer, 1 1/4" - 1/2" PVC
33	200500-1-7	Brace, f/Vertical Agitator
34	109078-1-1	Pin, Clevis, 1/4" x 2 1/4" (3)
35	109078-1-2	Pin, Roll, 3/32" x 1/2" (3)
36	200500-1-2	Agitator, Vertical
37	150524-2	Wiper Strip, Screen, Rhionhyde (2)
38	150524-3	Retainer, Bar
39	200500-1-4	Agitator Tine, w/Hub Top
40	200500-1-5	Agitator Tine, w/Hub Bottom
41	1032	Bearing, 1" P.B.
42	340	Clamp, Hose, 4" (2)
43	341	Clamp, Hose, 6" (6)
44	H435	Hose, Flex-Thane, 6", 36" long
45	VH550-5	Tube, Connector, 6"
46	150522	Clamp, Hose, 6" w/wingnut
47	FB250-2	Bag, Filter
48	VH550-4	Cover, Bin Level, 9" x 9"
49	VH550-B-2-3	Mounting Frame, Blastgate (U.S)
50	VH550-B-2-7	Mounting Frame, Blastgate (Overseas)
51	VH550-B-2-2	Slidegate, Blastgate
52	VH550-B-2-4	Actuator, Linear f/Blastgate, 120V/60Hz (U.S.)
53	VH550-B-2-5	Actuator, Linear f/Blastgate, 230V/50Hz (Overseas)
54	18-3 SJ	Wire, 18-3 SJ, 50 ft long
55	543-M-11	Plug, H320P
56	VH550-B-2-6	Capacitor, f/230V/50 Hz, Actuator (Overseas Only) (Not Shown)

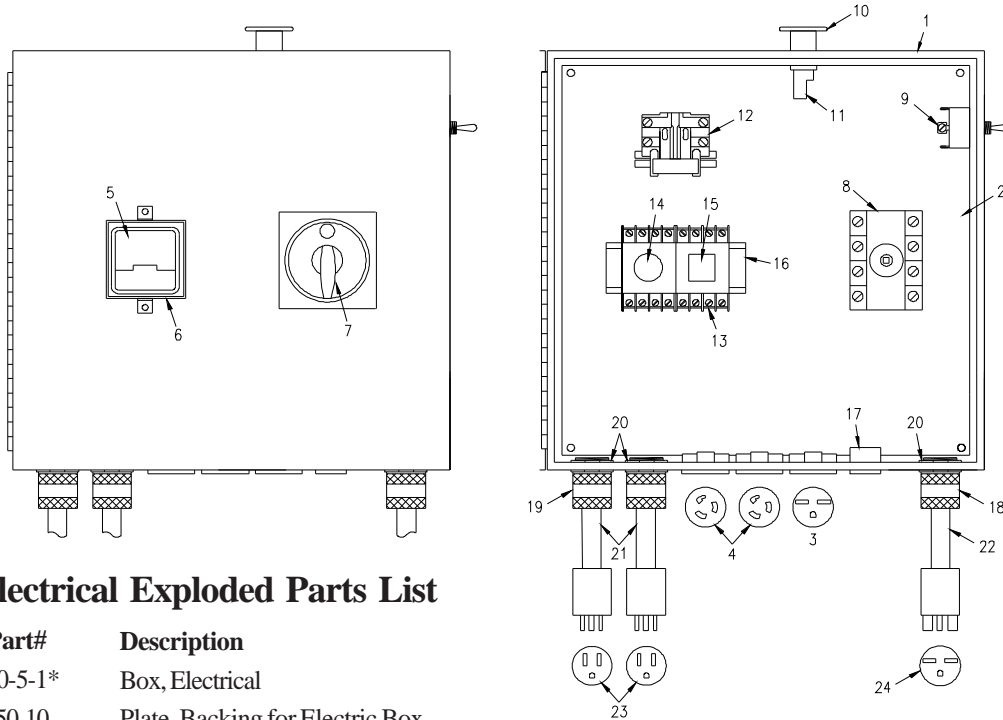
WIRE COLOR CODE	
BLACK	- 3 - PHASE
RED	- 120V HOT
WHITE	- 120V COMMON
YELLOW	- 24V HOT
W/Y	- 24V COMMON

# VH550 120V 60HZ WITH OUT BLASTGATE CONTROLS



# VH550 Exploded Parts View

## VH550 WITHOUT BLASTGATE CONTROLS 120 V.A.C. 60 Hz. ELECTRICAL PARTS LIST

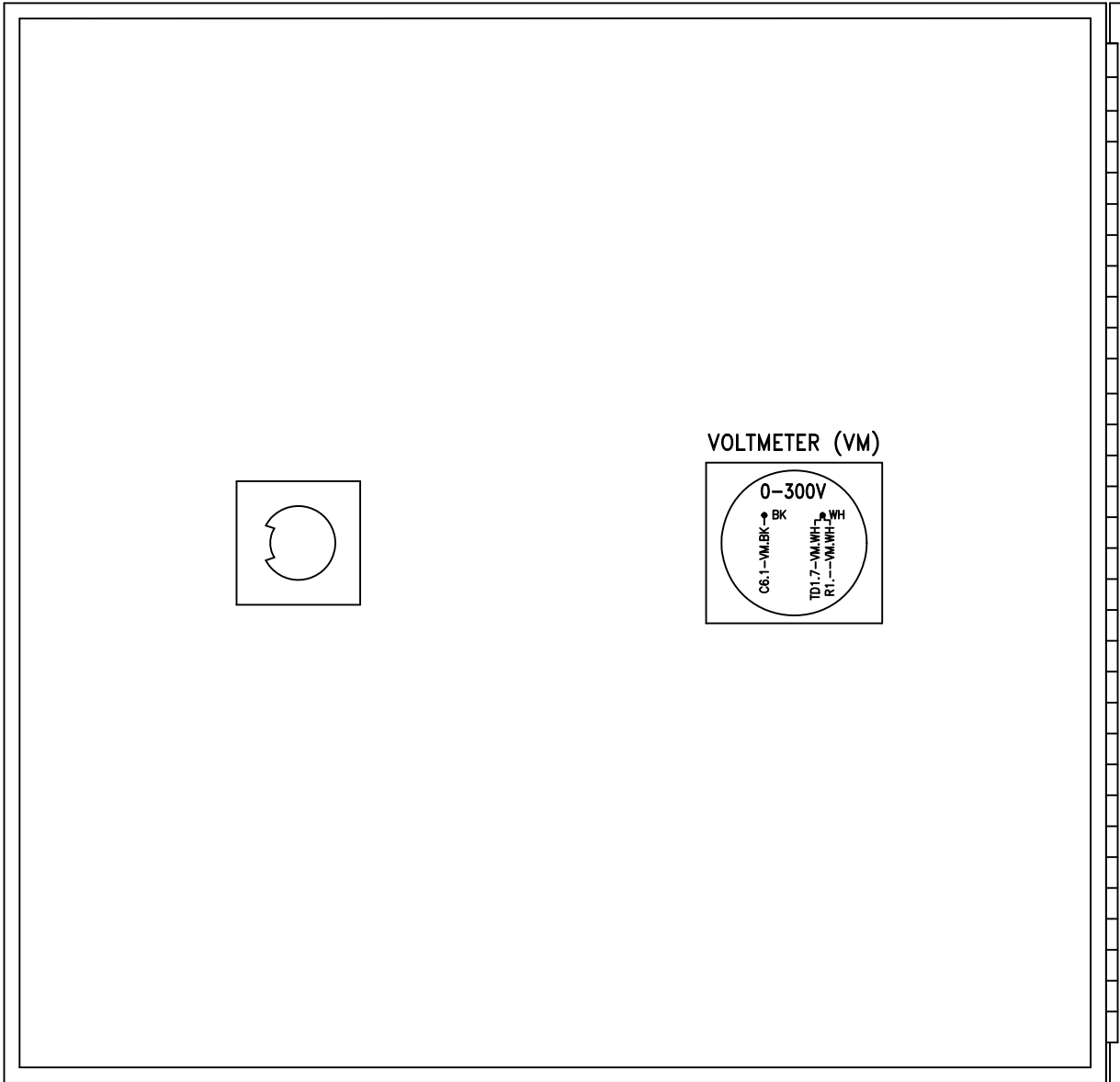


### VH550 Electrical Exploded Parts List

Item#	Part#	Description
1	550-5-1*	Box, Electrical
2	550-10	Plate, Backing for Electric Box
3	132-B	Receptacle, NEMA #6-15R
4	1542-A	Receptacle, NEMA# L5-15R (2)
5	1531-B	Voltmeter, 0-300V
6	550-3	Guard, Voltmeter
7	543-M-33-D*	Operator Handle Assembly
8	543-M-33-D	Switch, Disconnect 40A #XA324BY
9	109066-9	Switch, Toggle, (DPDT)
10	508-2	Kill Switch Button
11	8075-1	Kill Switch Contactor
12	550-5-2	Relay, 120V Heavy Duty
13	543-M-41	Socket, 8 Pin (2)
14	543-M-39	Relay for Pre-Alarm System, 24V
15	543-M-58	Relay, 24V Tubular
15	550-5-3	Relay, 12VDC Cube
16	RM-DINRAIL-A	1 3/8" Din Rail
17	543-M-38	Alarm for Pre-Alarm System, 24V
18	391N-A-2	Connector, Cord, Liquid. Tite, 1/2" White
19	543-M-17	Connector, Cord, Liquid. Tite, 1/2" Blue (2)
20	391N-A-3	Locknut, Steel, Conduit, 1/2" (3)
21	12-3 SJ	Wire, 12-3 SJOW (20 ft. long) (2)
22	18-3 SJ	Wire, 18-3 SJOW (20 ft. long)
23	127	Plug, NEMA# 5-15P (2)
24	126-B	Plug, NEMA# 6-15P (goes on 24V only)

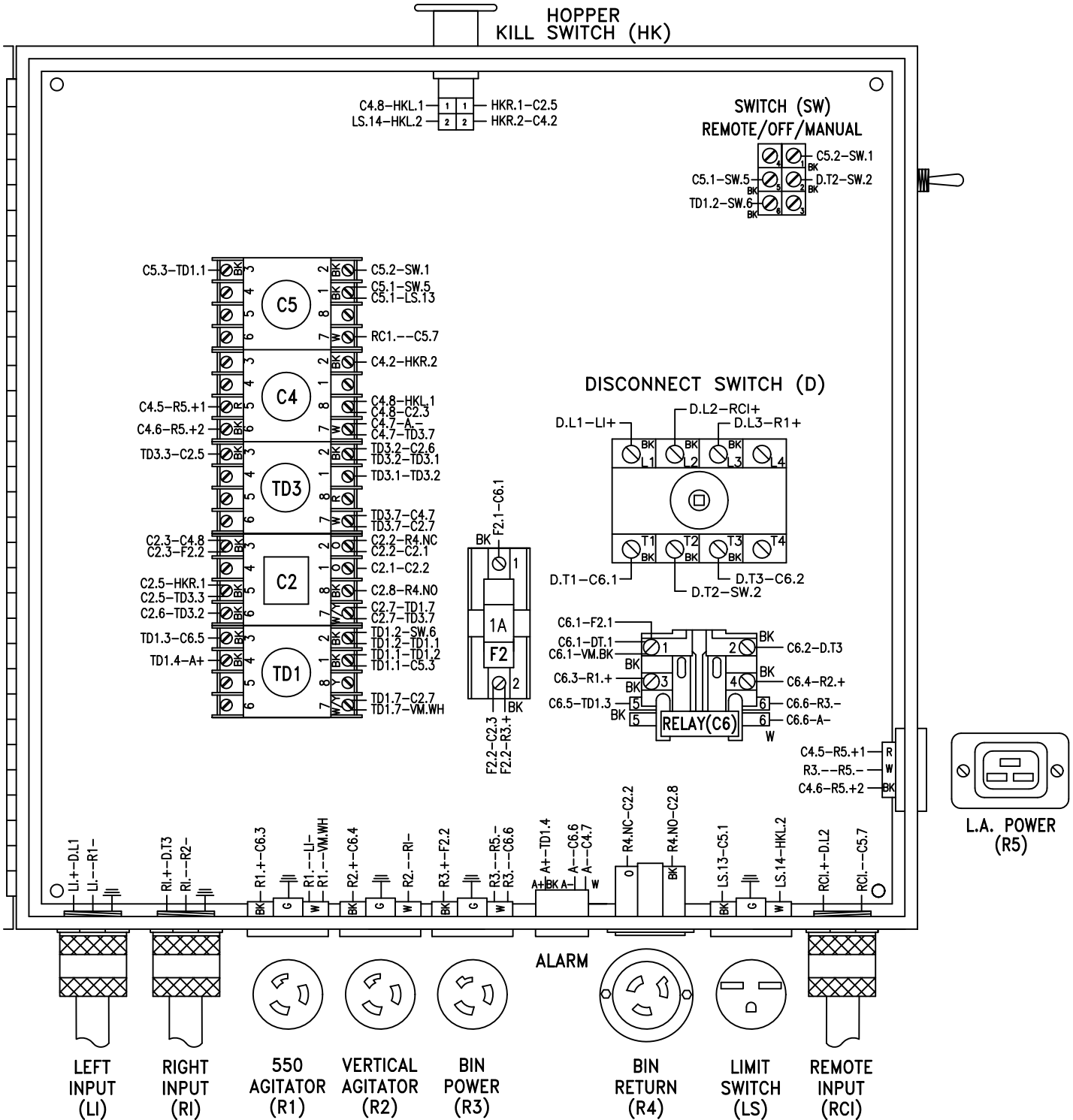
VH550 120V 60 Hz  
WITH VERTICAL AGITATOR & BLASTGATE CONTROLS (DOOR)

WIRE COLOR CODE	
BLACK	- 120V HOT
WHITE	- 120V COMMON
YELLOW	- 24V HOT
W/Y	- 24V COMMON



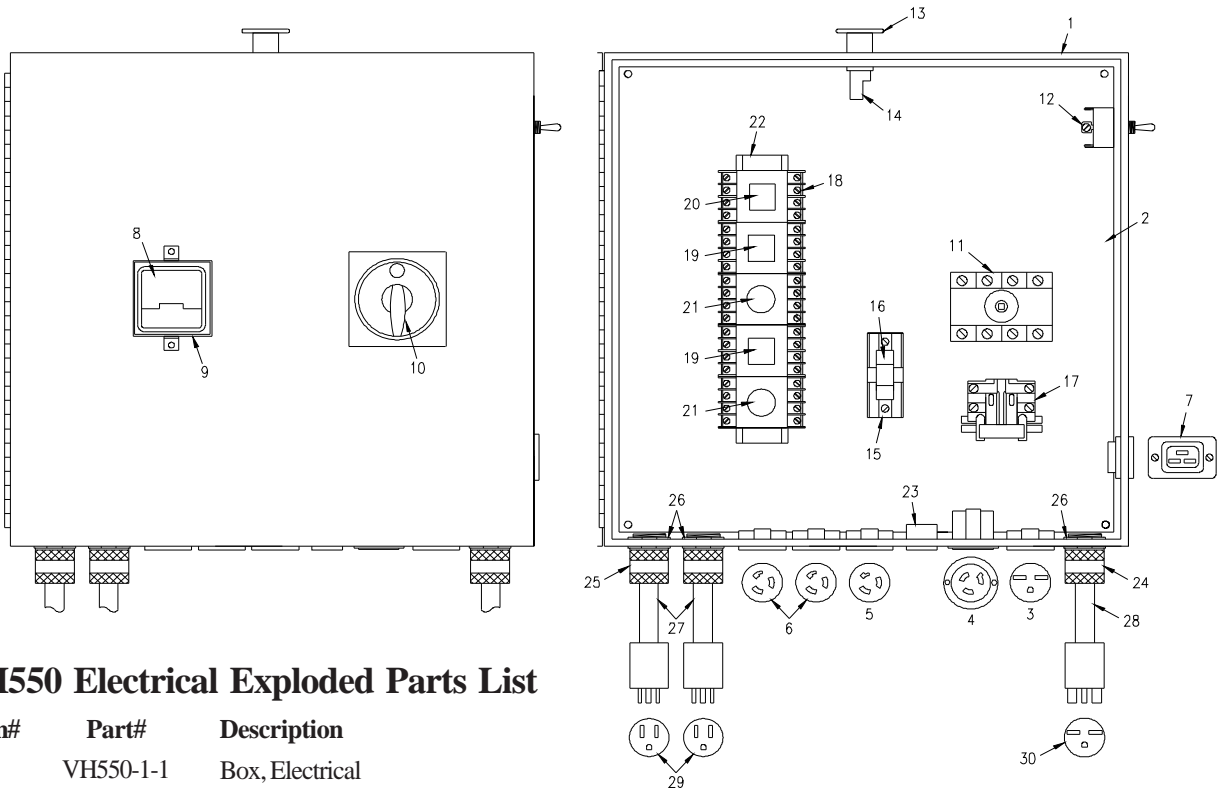
# VH550 120V 60Hz WITH VERTICAL AGITATOR & BLASTGATE CONTROLS (PANEL)

WIRE COLOR CODE	
BLACK	- 120V HOT
WHITE	- 120V COMMON
YELLOW	- 24V HOT
W/Y	- 24V COMMON



# VH550 Exploded Parts View

## VH550 W/VERTICAL AGITATOR & BLASTGATE CONTROLS 120 V.A.C. 60 Hz. ELECTRICAL PARTS LIST



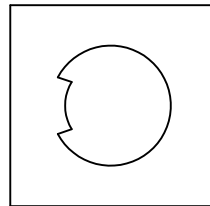
### VH550 Electrical Exploded Parts List

Item#	Part#	Description	Item#	Part#	Description
1	VH550-1-1	Box, Electrical	22	RM-DINRAIL-A	1 3/8" Din Rail
2	VH550-1-2	Plate, Backing for Electric Box	23	543-M-38	Alarm for Pre-Alarm System, 24V
3	132-B	Receptacle, NEMA #6-15R	24	391N-A-2	Connector, Cord, Liquid. Tite, 1/2" White
4	251080-28	Receptacle, Flanged L6-15P	25	543-M-17	Connector, Cord, Liquid. Tite, 1/2" Blue (2)
5	1542-B	Receptacle, NEMA# L6-15R	26	391N-A-3	Locknut, Steel, Conduit, 1/2" (3)
6	1542-A	Receptacle, NEMA# L5-15R (2)	27	12-3 SJ	Wire, 12-3 SJOW (20 ft. long) (2)
7	543-M-6	Receptacle, #H320R	28	18-3 SJ	Wire, 18-3 SJOW (20 ft. long)
8	1531-B	Voltmeter, 0-300V	29	127	Plug, NEMA# 5-15P (2)
9	550-3	Guard, Voltmeter	30	126-B	Plug, NEMA# 6-15P (goes on 24V only)
10	543-M-33-D*	Operator Handle Assembly			
11	543-M-33-D	Switch, Disconnect 40A #XA324BY			
12	109066-9	Switch, Toggle,(DPDT)			
13	508-2	Kill Switch Button			
14	8075-1	Kill Switch Contactor			
15	543-M-10	Fuse Holder, Single #9080FB1211			
16	543-M-21	Fuse, 1Amp Cartridge			
17	550-5-2	Relay, 120V Heavy Duty			
18	543-M-41	Socket, 8 Pin (5)			
19	543-M-51	Cube Relay 120 Volt (2)			
20	543-M-58	Relay, 24V Tubular			
20	550-5-3	Relay, 12VDC Cube			
21	543-M-39	Relay for Pre-Alarm System, 24V (2)			

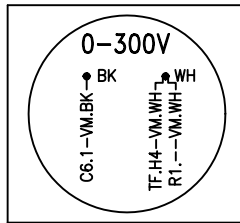
# 230V 50Hz VH550 WITH VERTICAL AGITATOR & BLASTGATE CONTROLS (DOOR)

## WIRE COLOR CODE

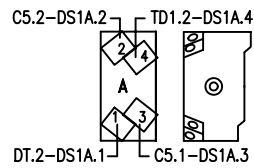
BLACK	- 3 - PHASE
RED	- 120V HOT
WHITE	- 120V COMMON
YELLOW	- 24V HOT
W/Y	- 24V COMMON



**VOLTMETER (VM)**



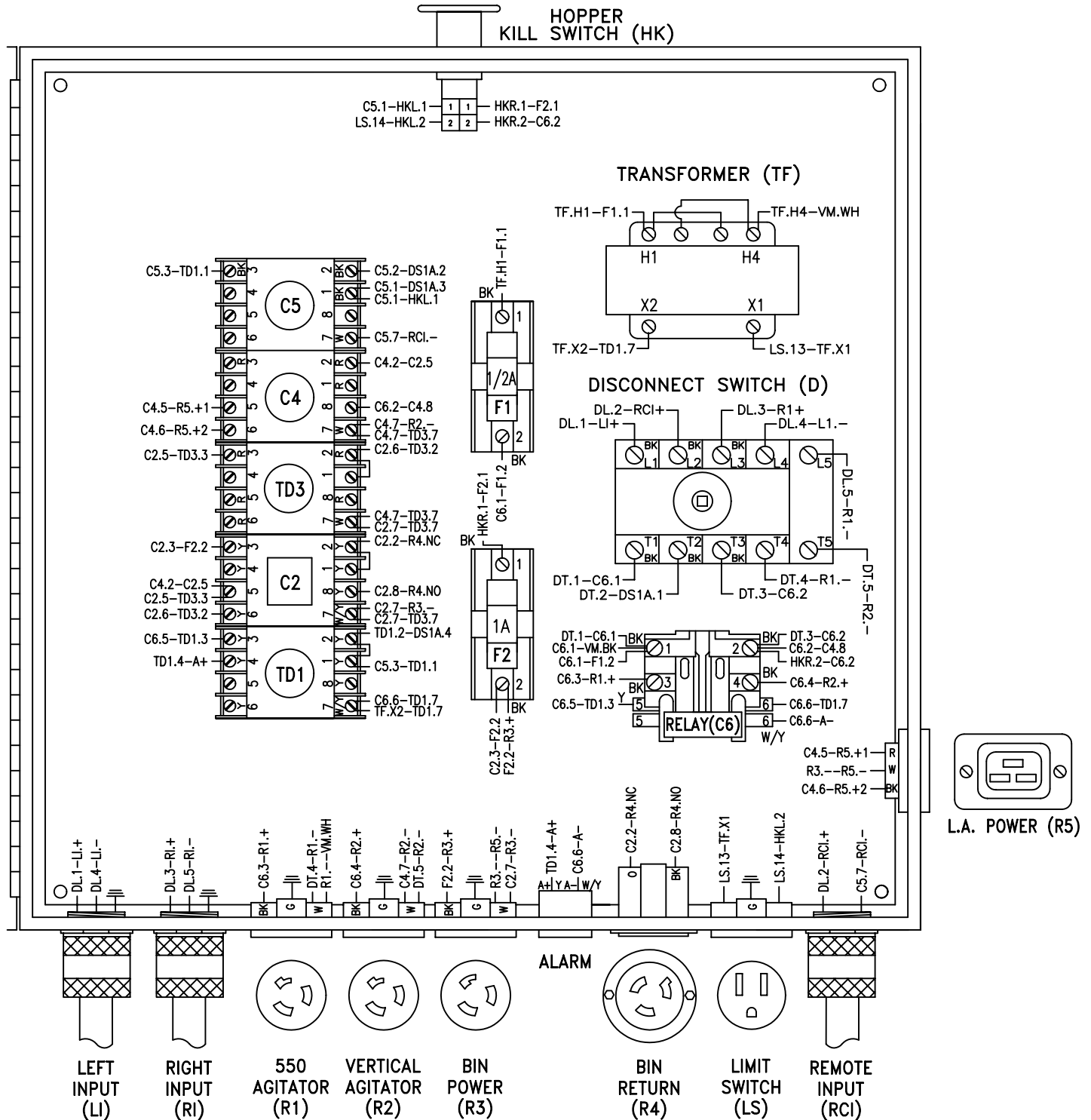
**MACHINE (DS1)  
REMOTE/OFF/MANUAL**



# 230V 50Hz VH550 WITH VERTICAL AGITATOR & BLASTGATE CONTROLS (PANEL)

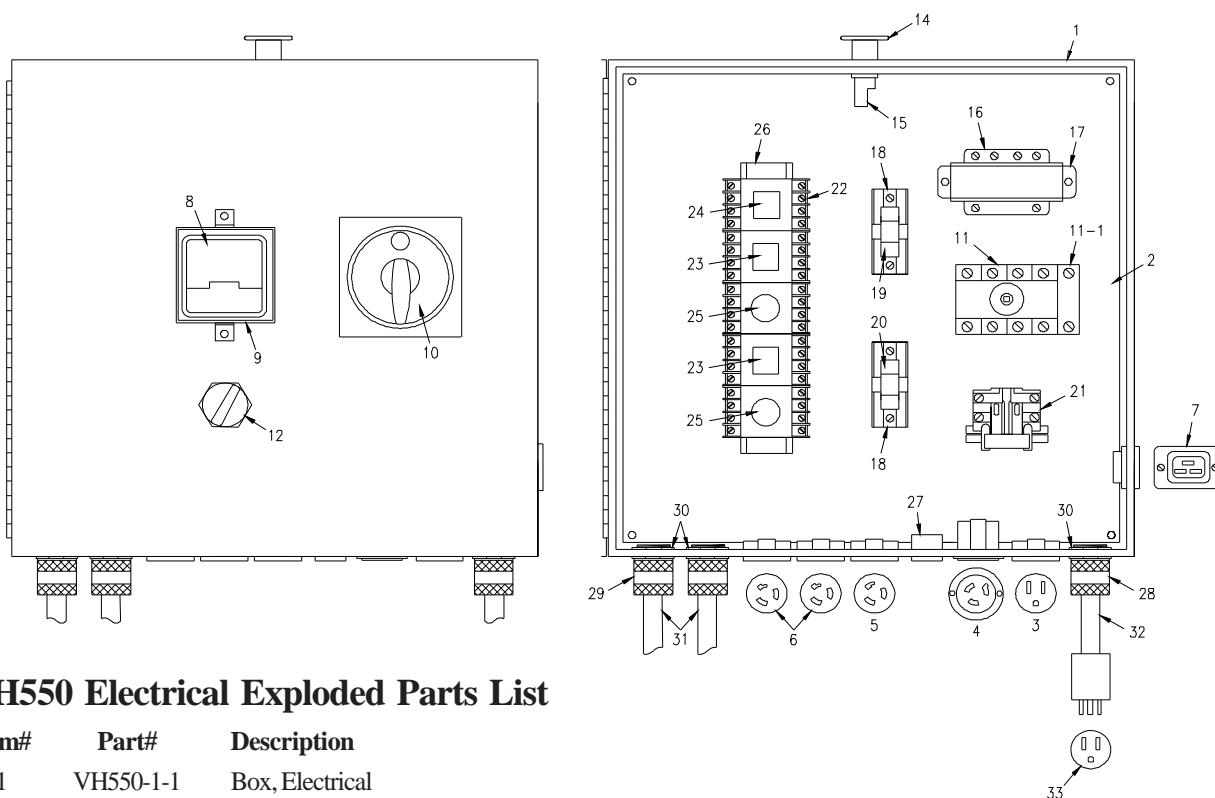
## WIRE COLOR CODE

BLACK	- 3 - PHASE
RED	- 120V HOT
WHITE	- 120V COMMON
YELLOW	- 24V HOT
W/Y	- 24V COMMON



# VH550 Exploded Parts View

## VH550 W/VERTICAL AGITATOR & BLASTGATE CONTROLS 230 V.A.C. 50 Hz. ELECTRICAL PARTS LIST



### VH550 Electrical Exploded Parts List

Item#	Part#	Description	Item#	Part#	Description
1	VH550-1-1	Box, Electrical	22	543-M-41	Socket, 8 Pin (5)
2	VH550-1-2	Plate, Backing for Electric Box	23	543-M-63	Cube Relay 230 Volt (2)
3	1544	Receptacle, NEMA #5-15R	24	543-M-58	Relay, 24V Tubular
4	251080-28	Receptacle, Flanged L6-15P	25	543-M-39	Relay for Pre-Alarm System, 24V (2)
5	1542-A	Receptacle, NEMA# L5-15R	26	RM-DINRAIL-A	1 3/8" Din Rail
6	1542-B	Receptacle, NEMA# L6-15R (2)	27	543-M-38	Alarm for Pre-Alarm System, 24V
7	543-M-6	Receptacle, #H320R	28	391N-A-2	Connector, Cord, Liquid. Tite, 1/2" White
8	1531-B	Voltmeter, 0-300V	29	543-M-17	Connector, Cord, Liquid. Tite, 1/2" Blue (2)
9	550-3	Guard, Voltmeter	30	391N-A-3	Locknut, Steel, Conduit, 1/2" (3)
10	543-M-33-D*	Operator Handle Assembly	31	12-3 SJ	Wire, 12-3 SJOW (20 ft. long) (2)
11	543-M-33-D	Switch, Disconnect 40A #XA324BY	32	18-3 SJ	Wire, 18-3 SJOW (20 ft. long)
11-1	543-M-33-DTI	Add On Power Pole, No	33	127	Plug, NEMA# 5-15P
12	251080-3	3 Pos. Selector Switch			
13	543-M-15	Contact Block, KA-1 (not shown)			
14	508-2	Kill Switch Button			
15	8075-1	Kill Switch Contactor			
16	543-M-35	Transformer, 2 Amp			
17	45464	Cover Strap, 2 Amp Transformer			
18	543-M-10	Fuse Holder, Single #9080FB1211 (2)			
19	543-M-45	Fuse, 1/2 Amp Cartridge			
20	543-M-28	Fuse, 2 Amp Cartridge			
21	1529-B	Relay, 24V Heavy Duty			