

REPLACEMENT PARTS FOR Y (P125) SERIES

MODELS YDHA, YDMA, YDSA, AND YWMA



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IMPORTANT

1. Always include complete model and serial number so that any specification change can be considered for parts replacement. It can save time and expense.
2. In keeping with our policy of continuous product improvement, we reserve the right to alter any information shown here. Specifications are subject to change without notice.
3. We reserve the right to substitute functional replacements.
4. Order by Part Number (PN) not by option designation.

ELECTRICAL COMPONENTS—CONTINUED

Table 5. Electrical Components				
Item No.	Component	Description	PN	Figure Reference
High Voltage Panel Components				
1	Monitor, phase loss/voltage (option PL4)	208/230/460V (options AK5, AK6, and AK7)	176826	Figure 3, Figure 4, Figure 5, Figure 6, Figure 10
		575V (option AK8)	258881	
1A	Socket	Monitor	194168	
2	Grounding bar	12 output	273792	Figure 3, Figure 4, Figure 10
3	Transformer	0.5 kVA, 480–230/120, Cutler Hammer #S20N11S51, with 3A fuse (PN 201803)	11100	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 10
		0.75 kVA, 240/480–120/240V, Cutler Hammer #S20N11S76	11217	
		200 VA, 460/575–230V, ERM	210862	
		6 kVA, 600/480V	284219	
		9 kVA, 600/480V	284327	
4	Contactor	24V coil	Refer to Table 6, Table 7, Table 8, and Table 11	Figure 3, Figure 4, Figure 5, Figure 6, Figure 10
5	Digital controller	For compressor	266067	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 10
6	Power feed terminal	L1, 200A	271834	Figure 6, Figure 10
		L2, 200A	271833	
		L3, 200A	271832	
7	Universal bus adapter	L1/L2/L3, wire top, 63A	1011374	Figure 10
		L1/L2/L3, wire top, 32A	1011375	
		N, wire top, 32A	1011376	
8	Module socket	For six (6) modules	271839	
		For eight (8) modules	272003	
9	Connection pins	Four (4) pins to mount modules together	1011377	—
10	Busbar	54 inches (2 meters)	271838	Figure 10
11	Busbar end stop kit	Left and right	271828	
12	Variable Frequency Drive (VFD)		Refer to Table 8, Table 9, Table 10, Table 11, Table 12, and Table 13	Figure 3, Figure 4, Figure 5, Figure 10
13	Line reactor			
14	Supply fan			
15	Current switch	CT (used on cabinet size 0 units)	1011162	Figure 2
		CT (used on cabinet size 1, 2, and 3 units)	222764	Figure 5, Figure 11
15A		Overload, was included on some early production units, but is no longer required	—	—
16	Low ambient controller	Control, for ECM condenser fan (options CUF4 and BE8)	272460	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 11
		Sensor	272461	
17	Low ambient controller	Control, for standard condenser fan (option CUF3)	261041	Figure 5, Figure 6, Figure 11
		Sensor	261042	
18	Capacitor		207448	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 8, Figure 11
19	Grounding lug		179196	Figure 11
20	Fuse	For wheel preheat (option PH) (option AK3)	207617	Figure 3, Figure 4, Figure 5, Figure 11
			207615	
		For wheel preheat (option PH) (options AK5 and AK6)	207617	














<p>Item 1: Phase Loss/Voltage Monitor</p> <p>Item 1A: Monitor Socket</p> 	<p>Item 2: Grounding Bar</p> 	<p>Item 3: Transformer</p> 	
<p>Item 4: Contactor</p> 	<p>Item 5: Digital Controller</p> 		
<p>Item 6: Power Feed Terminal</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>L1</p> </div> <div style="text-align: center;">  <p>L2</p> </div> <div style="text-align: center;">  <p>L3</p> </div> </div>			
<p>Item 7: Universal Bus Adapter</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>PN 1011374</p> </div> <div style="text-align: center;">  <p>PN 1011375</p> </div> <div style="text-align: center;">  <p>PN 1011376</p> </div> </div>			
<p>Item 8: Module Socket</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>6-Module</p> </div> <div style="text-align: center;">  <p>8-Module</p> </div> </div>	<p>Item 10: Busbar</p> 	<p>Item 11: Busbar End Stop Kit</p> <div style="display: flex; justify-content: center; align-items: center;"> <div style="text-align: center;">  <p>Left</p> </div> <div style="text-align: center;">  <p>Right</p> </div> </div>	
<p>Item 12: VFD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Model ACS550</p> </div> <div style="text-align: center;">  <p>Model ACS355</p> </div> </div>		<p>Item 13: Line Reactor</p> 	<p>Item 14: Supply Fan</p> 

Figure 10. Individual Electrical Components—Items 1 Through 14 (Refer to [Table 5](#))