



WOYR8.E35901

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PANASONIC CORPORATION
 ISE FACTORY
 TAMIYAJI, TAMAKI-CHO
 WATARAI-GUN, MIE-KEN 519-0492 JAPAN

E35901

Investigated to CSA-C22.2 No. 55

Cat. No.	Amps	Volts	Hz	Load	Endur- ance	Temp C	POL/ THR	Per Pole/ Circuit Code	SPCOA
ABS, f/b 1, 4 or 5, f/b 1, 4, 5 or 6, f/b 1 thru 3, f/b 0 thru 4, 6, 7, 8 or 9, f/b 3, 4 or 5, f/b 0, f/b 3 or 9, may be followed by additional numbers and/or letters									
	2	250	60	GP	6K	65	1/M	-/A	-
ABS, f/b 1, 4 or 5, f/b 1, 4, 5 or 6, f/b 1 thru 3, f/b 0 thru 4, 6, 7, 8 or 9, f/b 3, 4 or 5, f/b 1, f/b 3 or 4, may be followed by additional numbers and/or letters									
	0.1	250	60	GP	100K	65	1/M	-/A	-
ABS, f/b 1, 4 or 5, f/b 1, 4, 5 or 6, f/b 1 thru 3, f/b 0 thru 4, 6, 7, 8 or 9, f/b 3, 4 or 5, f/b 1, f/b 9, may be followed by additional numbers and/or letters									
	0.1	250	60	GP	6K	65	1/M	-/A	-
ABS, f/b 1, 4 or 5, f/b 1, 4, 5 or 6, f/b 1 thru 3, f/b 0 thru 4, 6, 7, 8 or 9, f/b 3, 4 or 5, f/b 4, f/b 4, may be followed by additional numbers and/or letters									
	0.1	30	DC	R	100K	65	1/M	-/A	-
ABS, f/b 1, 4 or 5, f/b 1, 4, 5 or 6, f/b 1 thru 3, f/b 0 thru 4, 6, 7, 8 or 9, f/b 3, 4 or 5, f/b 4, f/b 9, may be followed by additional numbers and/or letters									
	0.1	30	DC	R	6K	65	1/M	-/A	-
ABV1, f/b 2, 6 or 7, f/b 1, 2 or 3, f/b 0 thru 6 or 9, f/b 4, f/b 0, w/wo F, f/b 9 or 3, may be followed by additional numbers and/or letters									
	3	250	60	GP	6K	85	1/M	-/A	-
ABV1, f/b 2, 6 or 7, f/b 1, 2 or 3, f/b 0 thru 6 or 9, f/b 4, f/b 1, w/wo F, f/b 4 or 31, may be followed by additional numbers and/or letters									
	0.1	250	60	GP	100K	85	1/M	-/A	-
ABV1, f/b 2, 6 or 7, f/b 1, 2 or 3, f/b 0 thru 6 or 9, f/b 4, f/b 1, w/wo F, f/b 9 or 3, may be followed by additional numbers and/or letters									
	1	250	60	GP	6K	85	1/M	-/A	-
ABV1, f/b 2, 6 or 7, f/b 1, 2 or 3, f/b 0 thru 6 or 9, f/b 5 or 6, f/b 0, w/wo F, f/b 4 or 31, may be followed by additional numbers and/or letters									
	0.5	250	60	GP	6K	85	1/M	-/A	-
ABV1, f/b 2, 6 or 7, f/b 1, 2 or 3, f/b 0 thru 6 or 9, f/b 5 or 6, f/b 0, w/wo F, f/b 9 or 3, may be followed by additional numbers and/or letters									
	5	250	60	GP	6K	85	1/M	-/A	-
ABV1, f/b 2, 6 or 7, f/b 1, 2 or 3, f/b 0 thru 6 or 9, f/b 5 or 6, f/b 1, w/wo F, f/b 4 or 31, may be followed by additional numbers and/or letters									
	0.1	250	60	GP	100K	85	1/M	-/A	-

ABV1, f/b 2, 6 or 7, f/b 1, 2 or 3, f/b 0 thru 6 or 9, f/b 5 or 6, f/b 1, w/wo F, f/b 9 or 3, may be followed by additional numbers and/or letters

	3	250	60	GP	6K	85	1/M	-/A	-
AGX 906	0.2	48	DC	R	100K	85	2/1	PP/D1	-

AGX f/b 1, 2, 3, 6, 7 or 8, f/b 0, 2, 3, 4, 5 or 8, f/b 5, 6, 7 or 8, may be f/b additional numbers and/or letters

	10.1	250	60	GP	100K	85	M/1	PP/-	-
	6	30	DC	-	100K				
	16	250	60	GP	100K				
	0.1	48	DC	-	100K				
	3	48	DC	-	100K				
	0.2	48	DC	-	100K				
	12	250	60	GP	10K				
	6	250	60	GP	10K				
	1	30	DC	-	10K				
	1	48	DC	-	10K				

AGX f/b 4, f/b 7, f/b 5, may be f/b additional numbers and/or letters

	3	125	60	GP	10K	85	1/1	-/A	-
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AGX f/b 5, f/b 7, f/b 5, may be f/b additional numbers and/or letters

	3	125	60	GP	10K	85	2/1	PP/D1	-
AJ1 Series	7	125	60	GP	6K	55	M/M	PP/-	Note 4
	4	250	60	GP	6K				

AJ2 Series	6	125	60	GP	21K	65	M/M	PP/-	-
	3	250	60	GP	21K				

AJ7, ww/o W, 6, W6 or 7, f/b 1, f/b 0, 1, 2, 3 or 4, f/b 0, 1, 2, 3, 4, 5 or 9, f/b single letter A-Z, may be f/b single letter A-Z, may be f/b D or V5, may be f/b additional numbers and/or letters

	10	277	60	GP	6K	85	1/1	-/A	-
	6	277	60	GP	6K				
	15.1	250	60	GP	6K				
	5	120	60	TV	25K				

AJ7, ww/o W, 6, W6 or 7, f/b 2, f/b 0, 1, 2, 3 or 4, f/b 0, 1, 2, 3, 4, 5 or 9, f/b single letter A-Z, may be f/b single letter A-Z, may be f/b D or V5, may be f/b additional numbers and/or letters

	10	277	60	GP	6K	85	2/1	PP/D1	-
	6	277	60	GP	6K				
	15.1	250	60	GP	6K				
	5	120	60	TV	25K				

AJ8, ww/o W, f/b 1, f/b 0, 1, 2, 3 or 4, f/b 0, 1, 2, 3, 4, 5 or 9, f/b single letter A-Z, f/b single letter A-Z or blank, f/b V8, may be f/b additional numbers and/or letters

	8	120	60	TV	25K	85	1/1	-/A	-
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AJ8, ww/o W, f/b 1, f/b 0, 1, 2, 3 or 4, f/b 0, 1, 2, 3, 4, 5 or 9, f/b single letter A-Z, f/b single letter A-Z or blank, may be f/b additional numbers and/or letters

	16	277	60	GP	6K	85	1/1	-/A	-
	8	120	60	TV	25K				

AJ8, ww/o W, f/b 2, f/b 0, 1, 2, 3 or 4, f/b 0, 1, 2, 3, 4, 5 or 9, f/b single letter A-Z, f/b single letter A-Z or blank, f/b V8, may be f/b additional numbers and/or letters

	8	120	60	TV	25K	85	2/1	PP/D1	-
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AJ8, ww/o W, f/b 2, f/b 0, 1, 2, 3 or 4, f/b 0, 1, 2, 3, 4, 5 or 9, f/b single letter A-Z, f/b single letter A-Z or blank, may be f/b additional numbers and/or letters

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16	277	60	GP	6K	85	2/1	PP/D1	-
8	120	60	TV	25K				

AJ8D, f/b 6, f/b 0 or 5, f/b 0, 1, 2, 3, 4, 5 or 9, f/b 1, 2, 3, 4 or 5, f/b single letter A-Z, f/b single letter A-Z, f/b M, may be f/b additional numbers and/or letters

16	125	60	GP	6K	65	1/1	-/A	Note 8, 9
10	250	60	GP	6K				

AJ8D, f/b 7, f/b 0 or 5, f/b 0, 1, 2, 3, 4, 5 or 9, f/b 1, 2, 3, 4 or 5, f/b single letter A-Z, f/b single letter A-Z, f/b M, may be f/b additional numbers and/or letters

16	125	60	GP	6K	65	1/1	PP/D2	Note 8, 9
10	250	60	GP	6K				

AJ8R, f/b 1 or 5, f/b 0 or 1, f/b 0, 1, 2, 3, 4, 5 or 9, f/b 0, 1, 2, 3, 4 or 5, f/b single letter A-Z, f/b single letter A-Z or blank, f/b L or C, may be f/b additional numbers and/or letters

16	125	60	GP	10K	85	1/1 or 1/2	-/A	-
10.1	277	60	GP	10K				
8	277	60	GP	10K				

AJ8R, f/b 1 or 5, f/b 0 or 1, f/b 0, 1, 2, 3, 4, 5 or 9, f/b 0, 1, 2, 3, 4 or 5, f/b single letter A-Z, f/b single letter A-Z or blank, f/b U or T, may be f/b additional numbers and/or letters

16	125	60	GP	6K	85	1/1 or 1/2	-/A	-
8	277	60	GP	6K				

AJ8R, f/b 2, f/b 0 or 1, f/b 0, 1, 2, 3, 4, 5 or 9, f/b 0, 1, 2, 3, 4 or 5, f/b single letter A-Z, f/b single letter A-Z or blank, f/b L or C, may be f/b additional numbers and/or letters

8	277	60	GP	10K	85	2/1	PP/D1	-
16	125	60	GP	10K				
10.1	277	60	GP	10K				

AJ8R, f/b 2, f/b 0 or 1, f/b 0, 1, 2, 3, 4, 5 or 9, f/b 0, 1, 2, 3, 4 or 5, f/b single letter A-Z, f/b single letter A-Z or blank, f/b U or T, may be f/b additional numbers and/or letters

8	277	60	GP	6K	85	2/1	PP/D1	-
16	125	60	GP	6K				

AJ8S, f/b 1 or 6, f/b 0 or 1, f/b 0, 1, 2, 3, 4, 5 or 9, f/b 1, 2, 3, 4, 5 or blank, f/b single letter A-Z, f/b single letter A-Z, f/b U, T, L, C or blank, may be f/b additional numbers and/or letters

16	250	60	GP	10K	85	1/1	-/A	Note 8
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AJ8S, f/b 2, 5 or 7, f/b 0 or 1, f/b 0, 1, 2, 3, 4, 5 or 9, f/b 1, 2, 3, 4, 5 or blank, f/b single letter A-Z, f/b single letter A-Z, f/b U, T, L, C or blank, may be f/b additional numbers and/or letters

16	250	60	GP	10K	85	2/1	PP/D1	Note 8
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AJ9 f/b 1, 2 or 9, f/b 1 thru 4, f/b 0 or 1, f/b 0 thru 4, f/b 0, 1 or 2, f/b A thru Z, f/b blank or A thru Z, f/b 3 or 9

16	250	60	GP	6K	55	M/M	-/-	Note 4, 6, 7
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AJ9 f/b 1, 2, f/b 7 or 8, f/b 0 or 1, f/b 0, or 1, f/b 0, 1, or 2, f/b A thru Z, f/b may be blank or A thru Z, f/b 3 or 9

17	250	60	GP	6K	55	M/M	-/-	Note 4, 7
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AJN f/b 1 or 2, f/b 1, 2, 3 or 4, f/b 1, 2, 3, 4 or 5, f/b 1, 2, 3, 4, 5 or 6, may be f/b W, R, Y, L, H or G*

0.1	30	DC	-	6K	55	M/M	-/-	-
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AJN1B3 or AJN2B3, f/b 1, 2, 3, 4, 5 or 6*

0.05	48	DC	-	6K	55	M/M	PP/-	-
0.1	30	60	GP	6K				
0.05	48	60	GP	6K				

AM1 Series

10	125	60	GP	6K	85	1/M	-/-	-
10	250	60	GP	6K				
10	480	60	GP	6K				
-	125	60	1/8hp	6K				

-	250	60	1/4hp	6K
0.5	125	DC	-	6K
0.25	250	DC	-	6K

AM500 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 0 thru 9, ww/o F, ww/o 60 or 65, ww/o R or L, f/b 3, 4, 9, or 31*

0.1	250	60	GP	100K	105	1/1 or 2	-/A	-
0.1	30	DC	-	100K				

AM500 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 0 thru 9, ww/o F, ww/o 60 or 65, ww/o R or L, f/b 76*

0.1	250	60	GP	100K	70	1/1 or 2	-/A	-
0.1	30	DC	-	100K				

AM506 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 0 or 3 thru 9, ww/o F, ww/o 60 or 65, ww/o R or L, f/b 3, 4, 9, or 31*

6	250	60	GP	100K	105	1/1 or 2	-/A	-
3	30	DC	-	100K				

AM506 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 0 or 3 thru 9, ww/o F, ww/o 60 or 65, ww/o R or L, f/b 76*

6	250	60	GP	100K	70	1/1 or 2	-/A	-
3	30	DC	-	100K				

AM511 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 0 or 4 thru 9, ww/o F, ww/o 60, ww/o R or L, f/b 3, or 9*

11	250	60	GP	6K	105	1/1 or 2	-/A	Note A
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AM511 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 0 or 4 thru 9, ww/o F, ww/o 60, ww/o R or L, f/b 4 or 31*

6	250	60	GP	100K	105	1/1 or 2	-/A	-
4	30	DC	-	100K				

AM511 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 0 or 4 thru 9, ww/o F, ww/o 60, ww/o R or L, f/b 76*

11	250	60	GP	6K	70	1/1 or 2	-/A	Note A
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AM516 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 5 thru 9, ww/o F, ww/o 60, ww/o R or L, f/b 3, or 9*

16	250	60	GP	6K	105	1/1 or 2	-/A	Note A, B
-	125	60	1/2hp	6K				
-	250	60	1/2hp	6K				

AM516 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 5 thru 9, ww/o F, ww/o 60, ww/o R or L, f/b 4 or 31*

12	250	60	GP	100K	105	1/1 or 2	-/A	Note A
6	30	DC	-	100K				

AM516 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 5 thru 9, ww/o F, ww/o 60, ww/o R or L, f/b 76*

16	250	60	GP	6K	70	1/1 or 2	-/A	Note A, B
-	125	60	1/2hp	6K				
-	250	60	1/2hp	6K				

AM516 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 7 or 8, ww/o F, ww/o 60 ww/o RG or LG, f/b 30, 40 or 50, f/b 3 or 9*

12	250	60	GP	100K	105	1/1 or 2	-/A	-
10	30	DC	-	100K				

AM516 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 7 or 8, ww/o F, ww/o 60, ww/o R or L, f/b 4 or 31*

8	30	DC	-	100K	105	1/1 or 2	-/A	-
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AM521 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 6 thru 8, ww/o F, ww/o 60, ww/o R or L, f/b 3, 4, 9 or 31

16	250	60	GP	100K	105	1/1 or 2	-/A	-
21	250	60	GP	6K				
5	120	60	L	12K				

-	125	60	1/2hp	6K
-	250	60	1/2hp	6K

AM521 f/b 1 thru 6, f/b 0 thru 6, 8 or 9, f/b A, C or D, f/b 6 thru 8, ww/o F, ww/o 60, ww/o R or L, f/b 76

16	250	60	GP	100K	70	1/1 or 2	-/A	-
21	250	60	GP	6K				
5	120	60	L	12K				
-	125	60	1/2hp	6K				
-	250	60	1/2hp	6K				

AV1 f/b 1, 2, 3, 4, 5, 6 or 9, f/b 0, 1, 2,6, 7 or 8, f/b 3 or 5, f/b 3, 4, 9, or 31*

16	380	60	GP	100K	85	2/1	-/-	-
16	250	60	GP	100K				
10.1	250	60	GP	100K				
12	380	60	GP	100K				
5	30	DC	-	100K				
-	125	60	GP	100K				
-	250	60	GP	100K				

AV1, f/b 3, f/b 6, 7 or 8, f/b 3 or 5, f/b 2

3	125	60	GP	100K	85	2/1	PP/D1	-	
AV19023*	8	250	60	GP	100K	55	2/2	-/-	-
AV19153*	18	125	60	GP	100K	55	2/1	PP/-	-
-	250	60	2hp	100K					
5	120	60	L	100K					
16	250	60	GP	100K					

AV3 or AVT3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 0, 2 or 4, maybe f/b 11, f/b 61 or 63, f/b 3 or 4, maybe f/b additional numbers and/or letters

0.1	250	60	GP	100K	85	1/2	-/A	-
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AV3 or AVT3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 0, 2 or 4, maybe f/b 11, f/b 64, f/b 4, maybe f/b additional numbers and/or letters

0.1	30	DC	R	100K	85	1/2	-/A	-
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AV3 or AVT3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 2 or 4, maybe f/b 11, f/b 3, 4, 9 or 31, maybe f/b additional numbers and/or letters

3	250	60	GP	6K	85	1/2	-/A	-
2	250	60	GP	100K				
2	30	DC	R	100K				

AV3 or AVT3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 2 or 4, maybe f/b 11, f/b 61, f/b 41, maybe f/b additional numbers and/or letters

0.5	30	DC	R	100K	85	1/2	-/A	-
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AV3 or AVT3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 5, maybe f/b 11, f/b G, f/b 3, maybe f/b additional numbers and/or letters

3	30	DC	R	10K	85	1/2	-/A	-
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AV39169, maybe f/b additional numbers and/or letters

2	30	DC	R	6K	85	1/2	-/A	-
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AV6 f/b 2 or 3, f/b 0, 1, 2, 3, 4, 5 or 9, f/b 0, 2, 4 or 5, f/b 11 or 12, f/b 64, f/b 3*

0.1	30	DC	-	100K	85	1/1	-/-	-
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AVM3 or AVL3, f/b 1 thru 4, f/b 0 thru 5, 7 or 9, f/b 5, maybe f/b 11, f/b P, f/b 3 or 9, maybe f/b additional numbers and/or letters

10.1	250	60	GP	6K	85	1/2	-/A	-
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AVM3 or AVL3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 5 or 6, maybe f/b 11, f/b G, f/b 3 or 9, maybe f/b additional numbers and/or letters									
	5	30	DC	R	100K	85	1/2	-/A	-
	3	30	DC	R	100K				
AVM3 or AVL3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 5, maybe f/b 11, f/b 3 or 9, maybe f/b additional numbers and/or letters									
	5	250	60	GP	6K	85	1/2	-/A	-
AVM3 or AVL3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 5, maybe f/b 11, f/b 4, maybe f/b additional numbers and/or letters									
	2	250	60	GP	100K	85	1/2	-/A	-
	2	30	DC	R	100K				
AVM3 or AVL3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 5, maybe f/b 11, f/b 61 or 63, f/b 3 or 4, maybe f/b additional numbers and/or letters									
	0.1	250	60	GP	100K	85	1/2	-/A	-
AVM3 or AVL3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 5, maybe f/b 11, f/b 61 or 63, f/b 9, maybe f/b additional numbers and/or letters									
	0.1	250	60	GP	6K	85	1/2	-/A	-
AVM3 or AVL3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 5, maybe f/b 11, f/b 64, f/b 4, maybe f/b additional numbers and/or letters									
	0.1	30	DC	R	100K	85	1/2	-/A	-
AVM3 or AVL3, f/b 1 thru 8, f/b 0 thru 5, 7 or 9, f/b 5, maybe f/b 11, f/b 64, f/b 9, maybe f/b additional numbers and/or letters									
	0.1	30	DC	R	6K	85	1/2	-/A	-
WD1, WDR1, WDB1 Series									
	10	250	60	GP	6K	85	1/2	-/-	Note 4, C
	15	250	60	GP	6K				
WD2, WD3 Series									
	10	250	60	GP	6K	85	1/2	-/-	-

(a) - TV-1 (f/b 671), TV-2 (f/b 672)

* - May be followed by additional numbers and/or letters.

Note 1 - When using push-on connections on 12A rated switches, terminal temperatures should be considered, See test Record No. 4.

Note 2 - Switches not using thermoset parts are rated 120 C.

Note 3 - These switches have been investigated for use only in an ordinary environment. Switches should be evaluated for compliance with the end-use product standard, if intended to be used in environment such as oil, freon, X-Ray, etc.

Note 4 - Terminations other than solder connections should be evaluated for compliance with the end-use product standard

Note 6 - The suitability of the actuator button material as an enclosure has not been investigated.

Note 7 - These switches have a contact gap of 3 mm or more.

Note 8 - The unit is provided with an additional signal switch contacts. These contacts are intended for low voltage rating and has not been evaluated. The need to evaluate these contacts should be considered in the end product.

Note 9 - The unit is provided with a reset coil. The contact of this switch is closed by mechanical operation and opened by electrical operation with a reset coil.

Note A - Terminations other than quick-connect with solder should be evaluated for compliance with the end-use product standard.

Note B - For horsepower rating.

Note C - The switch has not been evaluated for water proof function.



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