

**HIGH VOLTAGE SWITCH DATA SHEET
(HVLBS)**

DATE : 8/31/2023
 CUSTOMER : HVES
 SUB. : HVES #17
 FEEDER : Bay 1 Switch
 MFR. : S&C
 M/N Type : PMH 6 - 5512R2-B1G1G2HJP1-S260
 S/N : N/A

INTERRUPTING CAPACITY : 40ka
 KV RATING : 17
 AMPERAGE : 600
 BIL : 95
 DUTY CYCLE : 40ka
 FUSES :
 PUB. / I.B. :

ENVIRONMENT Indoor Outdoor Dry Wet Damp Clean Dirty

VISUAL INSPECTION

1. Inspect insulators for breaks, cracks or burns.
2. Inspect contacts for alignment, pressure, burns or corrosion.
3. Check for proper lubrication, wipes, gaps and clearances. Check blade lock or latch.
4. Inspect inter-phase mechanical linkages, operating rods, levers, bearings for adjustment, lubrication, tightness or damage.
5. Check that ground straps and ground slip rings have good contact.
6. Inspect overall switch including controls and indicators for good working condition.

SATISFACTORY UNSATISFACTORY CORRECTED

7. CLOSED CONTACT RESISTANCE (DUCTER) TESTS at : 100 Amps

Measured in Milliohms Micro-ohms

	<u>SATISFACTORY</u>	<u>UNSATISFACTORY</u>	<u>CORRECTION REQUIRED</u>
Phase A : 26.11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phase B : 27.02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phase C : 26.34	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. MEGGER TESTS Measured in Megaohms at:

VDC

<u>Primary</u>	Phase A : 100k M-Ohms	<u>Secondary</u>	Phase A : 100k M-Ohms
	Phase B : 100k M-Ohms		Phase B : 100k M-Ohms
	Phase C : 100k M-Ohms		Phase C : 100k M-Ohms
	A - B : 100k M-Ohms		A - B : 100k M-Ohms
	B - C : 100k M-Ohms		B - C : 100k M-Ohms
	C - A : 100k M-Ohms		C - A : 100k M-Ohms

COMMENTS

**HIGH VOLTAGE SWITCH DATA SHEET
(HVLBS)**

DATE : 8/31/2023
 CUSTOMER : HVES
 SUB. : HVES #17
 FEEDER : Bay 2 Switch
 MFR. : S&C
 M/N Type : PMH 6 - 5512R2-B1G1G2HJP1-S260
 S/N : N/A

INTERRUPTING CAPACITY : 40ka
 KV RATING : 17
 AMPERAGE : 600
 BIL : 95
 DUTY CYCLE : 40ka
 FUSES :
 PUB. / I.B. :

ENVIRONMENT Indoor Outdoor Dry Wet Damp Clean Dirty

VISUAL INSPECTION

1. Inspect insulators for breaks, cracks or burns.
2. Inspect contacts for alignment, pressure, burns or corrosion.
3. Check for proper lubrication, wipes, gaps and clearances. Check blade lock or latch.
4. Inspect inter-phase mechanical linkages, operating rods, levers, bearings for adjustment, lubrication, tightness or damage.
5. Check that ground straps and ground slip rings have good contact.
6. Inspect overall switch including controls and indicators for good working condition.

SATISFACTORY UNSATISFACTORY CORRECTED

7. CLOSED CONTACT RESISTANCE (DUCTER) TESTS at : 100 Amps

Measured in Milliohms Micro-ohms

	<u>SATISFACTORY</u>	<u>UNSATISFACTORY</u>	<u>CORRECTION REQUIRED</u>
Phase A : 23.18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phase B : 23.76	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phase C : 24.04	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. MEGGER TESTS Measured in Megaohms at:

VDC

<u>Primary</u>	Phase A : 100k M-Ohms	<u>Secondary</u>	Phase A : 100k M-Ohms
	Phase B : 100k M-Ohms		Phase B : 100k M-Ohms
	Phase C : 100k M-Ohms		Phase C : 100k M-Ohms
	A - B : 100k M-Ohms		A - B : 100k M-Ohms
	B - C : 100k M-Ohms		B - C : 100k M-Ohms
	C - A : 100k M-Ohms		C - A : 100k M-Ohms

COMMENTS

**HIGH VOLTAGE SWITCH DATA SHEET
(HVLBS)**

DATE : 8/31/2023	INTERRUPTING CAPACITY : 40ka
CUSTOMER : HVES	KV RATING : 17
SUB. : HVES #17	AMPERAGE : 600
FEEDER : Bay 3 Fuse Bay	BIL : 95
MFR. : S&C	DUTY CYCLE : 40ka
M/N Type : PMH 6 - 5512R2-B1G1G2HJP1-S260	FUSES : 100E
S/N : N/A	PUB. / I.B. :

ENVIRONMENT Indoor Outdoor Dry Wet Damp Clean Dirty

VISUAL INSPECTION

	<u>SATISFACTORY</u>	<u>UNSATISFACTORY</u>	<u>CORRECTED</u>
1. Inspect insulators for breaks, cracks or burns.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Inspect contacts for alignment, pressure, burns or corrosion.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Check for proper lubrication, wipes, gaps and clearances. Check blade lock or latch.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Inspect inter-phase mechanical linkages, operating rods, levers, bearings for adjustment, lubrication, tightness or damage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Check that ground straps and ground slip rings have good contact.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Inspect overall switch including controls and indicators for good working condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. CLOSED CONTACT RESISTANCE (DUCTER) TESTS at : 100 Amps

Measured in <input type="checkbox"/> Milliohms <input checked="" type="checkbox"/> Micro-ohms	<u>SATISFACTORY</u>	<u>UNSATISFACTORY</u>	<u>CORRECTION REQUIRED</u>
Phase A : 37.24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phase B : 38.16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phase C : 39.04	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. MEGGER TESTS Measured in Megaohms at: VDC

<u>Primary</u>	Phase A : 100k M-Ohms	<u>Secondary</u>	Phase A : 100k M-Ohms
	Phase B : 100k M-Ohms		Phase B : 100k M-Ohms
	Phase C : 100k M-Ohms		Phase C : 100k M-Ohms
	A - B : 100k M-Ohms		A - B : 100k M-Ohms
	B - C : 100k M-Ohms		B - C : 100k M-Ohms
	C - A : 100k M-Ohms		C - A : 100k M-Ohms

COMMENTS

**C PAD MOUNTED
GEAR**

55122R2-B1G1G2HJP1-
S260

Manual PMH-6

COVERED BY ONE OR MORE
OF THE FOLLOWING U.S. PATENTS:

49,840	3,671,697	4,102,475	D 256,352
62,102	3,676,629	4,123,639	D 256,353
572,862	3,974,397	4,142,078	D 256,354
576,961	3,980,977	4,268,811	D 256,355
		4,398,072	

B&C ELECTRIC COMPANY
CHICAGO, ILLINOIS 60626

MADE IN U.S.A.

D-56255

KOHLER®

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SWITCH-17

SWITCH #17