

Low Voltage Air Circuit Breaker

Type	AE2000-SWA 3P FIX-VT	
Serial No.	P20322017W	
Applicable standard	IEC 60947-2	
Ambient temp.	40 °C	
Rated insulation voltage U_i	1000VAC	
Rated operational voltage U_e	690VAC	50/60Hz
Rated current $I_r(I_n)$	2000A	(2000A max.)
Electronic trip relay	Type	WS2-NA-P1
ETR No. P20322017		

Electrical Accessories	
Shunt Trip Device (SHT)	Not equipped
Under Voltage Trip Device (UVT)	Not equipped
Motor Charging unit (MD)	Not equipped
Closing Coil (CC)	Not equipped

Test results

<Item>	<Test conditions or data>	<Judgment>
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Construction tests

Good

Surface defects, Components, Dimensions

Mechanical and Electrical operation tests

Good

closing-opening operation and closing-tripping operation

Calibration test for Electronic trip relay

Good

- Long-delay pick-up current	2300A	~ 2320A	(115% ~ 116%)
tripping time	148.3s	at4000A	
- Short-delay pick-up current	20000A		(1000%)
tripping time	0.488s	at30000A	
- Instantaneous pick-up current	24960A		(1248%)
- MCR. pick-up current	--A		(--%)
- Ground-fault pick-up current	--A		(--%)
tripping time	--s	at--A	
- Pre-alarm pick-up current	2300A		
operating time	74.4s	at4000A	

Insulation test (Interface unit is not connected.)

Good

- Insulation resistance	Point of Application : Between each pole, Line-Load terminals, Criteria: 100MΩ over	Between all live parts and ground with 500V DC. megohm tester
- Dielectric test	AC 60Hz 3500V for one minute	Point of Application : Same as Insulation resistance
	AC 60Hz 2000V for one minute	Point of Application :Between control circuit and ground Except for terminals; VT Connector, I/F Connector, N1,N2,Z1, Z2,RS1,RS2 and P4

Optional Accessories test

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- Shunt Trip Device	Operation test	-- %
- Under Voltage Trip Device	Pickup voltage	-- % or less
	Dropout voltage	-- % ~ -- %
- Motor Charging Device	Operation test	-- %
- Closing Coil	Operation test	-- %

Test Place; Mitsubishi Electric Corporation Fukuyama Works
Test date ; 2020-03-11

Tested by H.FUJIKAWA

Approved by M. Takahashi

Low Voltage Circuit Breaker Quality Assurance Sect.

**CÔNG TY TNHH THƯƠNG MẠI XÂY DỰNG ĐIỆN TUẤN KHANH**

Địa chỉ: Số 30/6A Ấp 1, Xã Nhị Bình, Huyện Hóc Môn - TP.Hồ Chí Minh
Điện Thoại: 08. 39.804.778 - Fax: 08. 39.804.778, Hotline: 0903.152.495
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BIÊN BẢN XÁC NHẬN NHÀ CUNG CẤP

SỐ: 05/05/20 /TK/BBXN

TP.HCM. Ngày 2 tháng 5 năm 2020

Công Ty TNHH TM XD Điện TUẤN KHANH là đơn cung cấp hệ thống tủ điện công nghiệp và phụ kiện tủ điện tại Việt Nam. Chúng tôi xác nhận đã cung cấp thiết bị điện cho:

Đơn vị: CÔNG TY TNHH THU LỘC

Địa chỉ: Số 215 Hùng Vương, K4, Thị Trấn Gia Ray, Huyện Xuân Lộc, Tỉnh Đồng Nai

Bao gồm các mã hàng và số lượng như sau

STT	Tên Thiết Bị	Số Seri	ĐVT	Số Lượng	Ghi Chú
1	AE2000-SWA 3P 2000A FIX	P20322017	Cái	1	ACB 3p 2000A Mitsubishi


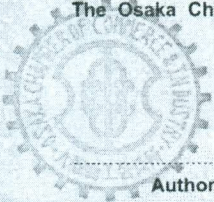
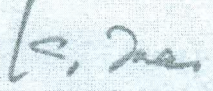
Thiết bị cung cấp được bảo hành 12 tháng kể từ ngày giao hàng theo điều kiện bảo hành của nhà sản xuất. không bảo hành đối với các trường hợp thiên tai, sấm sét, côn trùng làm ảnh hưởng đến thiết bị, lưới điện phát sinh sóng hài bậc cao ảnh hưởng đến thiết bị...

Ghi chú:

CÔNG TY TNHH TM XD ĐIỆN TUẤN KHANH



Trần Văn Khanh

1. Exporter (Name, address, country) SETSUYO ASTEC CORPORATION 1-29, MINAMIMORIMACHI 2-CHOME, KITA-KU, OSAKA, 530-0054 JAPAN 06-6130-0132	<h2 style="text-align: center;">CERTIFICATE OF ORIGIN</h2> <p style="text-align: center;">issued by The Osaka Chamber of Commerce & Industry Osaka, Japan</p>	
2. Consignee (Name, address, country) MITSUBISHI ELECTRIC VIETNAM CO.,LTD. UNIT 01-04, 10TH FLOOR, VINCOM CENTER 72 LE THANH TON STREET, DISTRICT 1, HOCHIMINH CITY VIETNAM	* Print ORIGINAL or COPY <div style="text-align: center;">ORIGINAL</div>	3. No. and date of Invoice <div style="text-align: center;">KA101066 8-Jan-20</div>
5. Transport details FROM OSAKA, JAPAN TO HOCHIMINH CITY, VIETNAM by VESSEL	4. Country of Origin <div style="text-align: center;">JAPAN</div>	
<div style="display: flex; justify-content: space-between;"> 7. Marks, numbers, number and kind of packages; description of goods 8. Quantity </div> <div style="text-align: center;"> <u>"MITSUBISHI" BRAND ELECTRICAL GOODS</u> DETAILS AS PER ATTACHED SHEET TOTAL : 17,505 PCS & 148 Sets (228 PACKAGES) ***** </div> <div style="margin-top: 20px;"> SHIPPING MARKS : as per attached sheet </div>		
9. Declaration by the Exporter The undersigned, as an authorized signatory, hereby declares that the above-mentioned goods were produced or manufactured in the country shown in box 4. <div style="text-align: right;"> OSAKA, 2020. 1. 17 </div> <div style="margin-top: 10px;"> Place and Date: _____ </div> <div style="margin-top: 20px;"> <div style="text-align: center;"> SETSUYO ASTEC CORPORATION  TETSUYA KISHIMOTO MANAGER </div> </div>	10. Certification The undersigned, hereby certifies, on the basis of relative invoice and other supporting documents, that the above-mentioned goods originate in the country shown in box 4 to the best of its knowledge and belief. <div style="text-align: right;"> JAN. 17 2020  The Osaka Chamber of Commerce & Industry  Authorized Signatory </div> <div style="text-align: right; margin-top: 10px;"> (No., Date, Signature and Stamp of Certifying Authority) </div> <div style="margin-top: 10px;"> Certificate No. A 123862 </div>	



CERTIFICATE OF QUALITY

Date of issue: 17-Jan-20

Invoice No. KA101066

We, **MITSUBISHI ELECTRIC VIETNAM COMPANY LIMITED (MEVN)**, as supplier hereby certify that the products as per attached sheet are:

- Supplied in conformity with the mentioned purchase order and origin
- Manufactured and tested according to Mitsubishi Electric quality standards with specified quantity
- Kind of package:

MADE IN JAPAN

17505 PCS & 148 SETS

Grand Total:

17505 PCS & 148 SETS

Mitsubishi Electric Vietnam Company Limited



Takashi Nakayama

GM, Division Head, Factory Automation Division

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Can Tho Office

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Ninh Kieu District, Can Tho City, Vietnam
Tel: (84-292) 362 7678

Attached sheet for

Invoice No. : **KA101066**

Date of issue: **17-Jan-20**

Page(s): **03**

DESCRIPTION	QTY(PCS/SETS)	P/O NO.	ORIGIN
MITSUBISHI BRAND			
S-T12 AC200V 1A1B	MAGNETIC CONTACTOR	4721	L19A0367EPA JAPAN
S-T20 AC200V 1A1B	MAGNETIC CONTACTOR	1269	L19A0367EPA JAPAN
S-T21 AC200V 2A2B	MAGNETIC CONTACTOR	476	L19A0367EPA JAPAN
S-T25 AC200V 2A2B	MAGNETIC CONTACTOR	1261	L19A0367EPA JAPAN
S-T35 AC200V 2A2B	MAGNETIC CONTACTOR	1359	L19A0367EPA JAPAN
AE1000-SW 3P 1000A DR;IEC;40C;WS1NA-P1;BA	AIR CIRCUIT BREAKER	2	L19B0402EPA JAPAN
AE1600-SW 4P 1600A FIX;IEC;40C;WS1NA-P1;BA	AIR CIRCUIT BREAKER	27	L19B0402EPA JAPAN
AE2000-SWA 3P 2000A DR-VT;IEC;40C;WS2NA-P1;BA	AIR CIRCUIT BREAKER	6	L19B0402EPA JAPAN
AE2000-SWA 3P 2000A FIX-VT;IEC;40C;WS2NA-P1;BA	AIR CIRCUIT BREAKER	12	L19B0402EPA JAPAN
AE3200-SW 3P 3200A FIX;CCC;40C;WS1NA-P1;BA	AIR CIRCUIT BREAKER	27	L19B0402EPA JAPAN
AE3200-SW 4P 3200A FIX;CCC;40C;WS1NA-P1;BA	AIR CIRCUIT BREAKER	13	L19B0402EPA JAPAN
AE4000-SWA 3P 4000A FIX-VT;CCC;40C;WS2NA-P1;BA	AIR CIRCUIT BREAKER	34	L19B0402EPA JAPAN
AE4000-SWA 4P 4000A FIX-VT;CCC;40C;WS2NA-P1;BA	AIR CIRCUIT BREAKER	10	L19B0402EPA JAPAN
NF63-HV 3P 20A	MOLDED CASE CIRCUIT BREAKER	100	L19B0402EPA JAPAN
NF125-SV 3P 125A	MOLDED CASE CIRCUIT BREAKER	200	L19B0402EPA JAPAN
NF125-SGV 3P 35-50A	MOLDED CASE CIRCUIT BREAKER	10	L19B0402EPA JAPAN
NF125-SGV 3P 45-63A	MOLDED CASE CIRCUIT BREAKER	45	L19B0402EPA JAPAN
NF125-SGV 3P 56-80A	MOLDED CASE CIRCUIT BREAKER	2	L19B0402EPA JAPAN
NF125-SGV 3P 70-100A	MOLDED CASE CIRCUIT BREAKER	36	L19B0402EPA JAPAN
NF125-SGV 3P 90-125A	MOLDED CASE CIRCUIT BREAKER	50	L19B0402EPA JAPAN
NV125-SV 4P 60A 200-440V 1.2.500MA	EARTH LEAKAGE CIRCUIT BREAKER	11	L19B0402EPA JAPAN
S-N180 AC200V 2A2B	MAGNETIC CONTACTOR	50	L19B0404EPA JAPAN
S-N220 AC200V 2A2B	MAGNETIC CONTACTOR	50	L19B0404EPA JAPAN
S-N400 AC200V 2A2B	MAGNETIC CONTACTOR	6	L19B0404EPA JAPAN
S-T10 AC200V 1A	MAGNETIC CONTACTOR	300	L19B0404EPA JAPAN
S-T32 AC200V	MAGNETIC CONTACTOR	580	L19B0404EPA JAPAN
S-T100 AC200V 2A2B	MAGNETIC CONTACTOR	100	L19B0404EPA JAPAN
S-T80 AC200V 2A2B	MAGNETIC CONTACTOR	400	L19B0404EPA JAPAN
S-T12 AC200V 2A	MAGNETIC CONTACTOR	20	L19B0409EPA JAPAN
AE4000-SWA 3P 4000A FIX-VT;IEC;40C;WS2NA-P1;BA	AIR CIRCUIT BREAKER	1	L19B0411EPA JAPAN
AE5000-SW 4P 5000A HN DR-VT;IEC;40C;WS2NA-P1;BA	AIR CIRCUIT BREAKER	1	L19B0411EPA JAPAN
SD-T35 DC24V 2A2B	DC MAGNETIC CONTACTOR	6	L19B0414EPA JAPAN
SD-T20 DC24V 1A1B	DC MAGNETIC CONTACTOR	6	L19B0414EPA JAPAN
NF125-SGV 4P 25-32A	MOLDED CASE CIRCUIT BREAKER	5	L19B0414EPA JAPAN
NF125-SGV 4P 35-50A	MOLDED CASE CIRCUIT BREAKER	1	L19B0414EPA JAPAN
AE4000-SWA 4P 4000A DR-VT;CCC;40C;WS2NA-P1;BA	AIR CIRCUIT BREAKER	1	L19B0414EPA JAPAN
AE5000-SW 4P 5000A HN FIX-VT;IEC;40C;WS2NA-P1	AIR CIRCUIT BREAKER	1	L19B0414EPA JAPAN
AE630-SW 3P 630A DR;IEC;40C;WS1NA-P1;BA	AIR CIRCUIT BREAKER	3	L19B0414EPA JAPAN
AE4000-SWA 4P 4000A DR-VT;CCC;40C;WS2NA-P1;BA	AIR CIRCUIT BREAKER	2	L19B0414EPA JAPAN

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