DEPENTING TERPERATURE RANGE    COLOR	<b>APPLIC</b>	ABLE STAI	NDARD	TÜV approved(R 50362678	3) /1	、UL ap	oproved	l (E52653)	/2	7					
RATING  WILTAGE  AC 6000 V 2007 550 V 1070 V 100		OPERATING TE	MPERATURE	-20 °C TO +90 (Including temperature ris	°C		DRAGE TEMPERATURE				°C	T0	+60	°C	
TITEM TEST METHOD REQUIREMENTS OT THE CONSTRUCTION  SPECIFICATIONS  SPECIFICATIONS  SPECIFICATIONS  TITEM TEST METHOD REQUIREMENTS OT THE CONSTRUCTION  CONSTRUCTION  CHEAD. EXAMINATION VISUALLY AND BY MEXISIPING INSTRUMENT  CONSTRUCTION  CHEAD. EXAMINATION TO CONTINUE VISUALLY AND BY MEXISIPING INSTRUMENT  CONTINUED VISUALLY AND BY MEXISIPING INSTRUMENT  ACCORDINATION OF SESTINGE  MEXISIPING MEXISIPING BEASURED AT THE CONTACT AT DC 1A.  O. 560 MAX.  X  INSULTANT RESISTANCE  MEXISIPING MEXISIPING BEASURED AT THE CONTACT AT DC 1A.  O. 560 MAX.  X  INSULTANT RESISTANCE  MEXISIPING MEXISIPING BEASURED AT THE CONTACT AT DC 1A.  MEXISIPING MEXISIPING BEASURED AT THE CONTACT OF THE.  MEXISIPING MEXISIPING MAD RESISTANCE SUTT AND APPLICABLE CONNECTION  MEXISIPING MEXISIPING AND DESTRUCTION OF THEM.  MEXISIPING MEXISI	RATING	VOLTA	GE /2	AC 600 V , DC 750 V (	TÜV, UL)	_	101	TGE	-	_				-	
SPECIFICATIONS TEST METHOD REQUIREMENTS OT  CONSTRUCTION  SITEM SAME AND BY MEASURING INSTRUMENT.  MORNING CONTRICTORY VISUALLY MAD BY MEASURING INSTRUMENT.  MORNING CONTINUED VISUALLY  MORNING CHANNING MESISTANCE  MEASURED AT THE CONTINUED OF INIT.  MORE CHANNING MESISTANCE  MEASURED AT THE CONTINUED OF INIT.  MORE CHANNING MESISTANCE  MESTANCE  MESTANCE MESTANCE  MESTANCE					Ar	nnlicah	le Cable	+		1\ 1	1	<b>,</b>			
ITEM TEST METHOD REQUIREMENTS OT CONSTRUCTION  GREATL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT.  MARKING COMPINED VISUALLY.  ELECTRIC CHARACTERISTICS  CONTACT RESISTANCE MEASURED AT DIS COV.  INSULATION RESISTANCE MEASURED AT THE CONTACT AT DIS COV.  INSULATION RESISTANCE MEASURED AT THE CONTACT AT DIS COV.  INSULATION RESISTANCE MEASURED AT THE AN APPLICABLE CORRECTION MARK TOKES.  WITHOUT ALL DISCONDITION OF THE AN APPLICABLE CORRECTION OF DAMAGE.  WECHANICAL OFFICIAL OFFI AND PART AND AND EXTRACTED SO TIMES.  VIBRATION OF TREQUIRED THE AN APPLICABLE CONTACT DISCONDITION OF DAMAGE.  VIBRATION OF TREQUIRED THE AN APPLICABLE CONTACT DISCONDITION OF THE AND EXTRACTED SO TIMES.  VIBRATION OF TREQUIRED THE AN APPLICABLE CONTACT DISCONDITION OF THE AND EXTRACTED SO TIMES.  VIBRATION OF TREQUIRED THE AN APPLICABLE CONTACT DISCONDITION OF THE AND EXTRACTED SO TIMES.  VIBRATION OF TREQUIRED THE AND EXTRACTED SO TIMES.  VIBRATION OF THE AND EXTRACTED THE APPLICATION OF 400 ms.**.  VIBRATION OF TREATMENT OF 10 ms. A PLACE RESISTANCE TO MS. OF LOOSENESS IN THE XX PARTS.  ENVIRONMENTAL CHARACTERISTICS  UNPREMATURE OF THE THE APPLICABLE OF THE APPLICATION OF 400 ms.**.  VIBRATION OF THE APPLICABLE OF THE APPLICABLE OF THE APPLICATION OF THE APPLICABLE OF		00111121			CIFICA			TO GUDIO							
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EDERIC EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT.  CONFIDENCE VISUALLY.  COVERING VISUALLY.  COVERN VISUALLY.  COUNTY OF THE COVERN VISUALLY.  COVERN VISUALLY.  CONTROL OF THE COVERN VISUALLY.  COVERN VISUALLY.  COUNTY OF THE COVERN VISUALLY.  COVERN VISUALLY.  COVERN VISU				1E31 METHOD				- Ki	_Q0	IKEWENI	3			QΙ	AI
MINICAL CHARACTERISTICS  CONTACT RESISTANCE  MEASURED AT THE CONTACT AT DD 1A.  D. 5m O MAX.  X  INSULATION RESISTANCE  MEASURED AT DE SOON.  A 2200V APPLED FOR Inin.  NO FLASHOVER OR BREADOOM.  X  MECHANICAL CHARACTERISTICS  CONTACT RESISTANCE  METHAD 1 A LOCKING DEVICE.  TENNINAL RETRITION FORCE  200M APPLED AT THE CONTACT OF THE CO			VISHALLY	AND BY MEASURING INSTRUMENT										Х	Х
ELECTRIC CHARACTERISTICS  ONIAGT RESISTANCE  MEASURED AT THE OWNTACT AT DC 1A.  O. SeQ. MAX.  X  INSLATION RESISTANCE  MEASURED AT THE OWNTACT AT DC 1A.  O. SeQ. MAX.  X  INSLATION RESISTANCE  MEASURED AT DC 500V.  1000MQ NIN.  X  MCCHANNOR OR BREADDOWN.  X  MCCHANNOR OR BREADDOWN.  X  MCCHANNOR OR BREADDOWN.  X  MCCHANNOR INSERTION AND MITHORAMAL FORCES. 200M MAX.  X  WITHORMAL FORCES.  WITHORMAL OPERATION  INSERTION AND MITHORAMAL FORCES.  UND DAMAGE.  ON THE PARTS.  ULOSSNESS IN THE PARTS.  ULOSSNESS IN THE PARTS.  ULOSSNESS IN THE PARTS.  UND DAMAGE.  ON D		ITINATION					ACCORDING TO DRAWING.					Х			
INSULATION RESISTANCE  WEASHED AT DC 5000V  MECHANICAL CHARACTERISTICS  WITHOUR ALD ARRED WITH AN APPLICABLE CONNECTOR  WITHOUR ALD CONNECTOR INSERTION AND  WEASHED AT IT A PAPEL AS A PAP		IC CHARA												1	
VOLTAGE PROOF  AC 22000 APPLIED FOR Imin.  NO FLASHOVER OR BREAKDOWN.  X  MECHANICAL CHARACTERISTICS  CONNECTOR INSERTION AND  NITHORAMAL FORCES  NITHOUR A LOCATING PERIOD  NITHORAMAL FORCES  NIT	CONTACT RES	STANCE	MEASURED A	AT THE CONTACT AT DC 1A.			0. 5m Ω MAX.				Х	х			
MECHANICAL CHARACTERISTICS  CONNECTOR INSERTION AND  IREASURED WITH AN APPLICABLE CONNECTOR  INSERTION AND PROCES  IRECTION FORCE  RECHANICAL OPERATION  INSERTED AND EXTRACTED SO TIMES.  INSERTION FORCE  INSERTION FORCE  INSERTION FORCE  INSERTION FORCE  INSERTION FORCE  INSERTION FORCE  INSERTED AND EXTRACTED SO TIMES.  INSERTION INPAIRING DAMAGE. CRACKS, OR LOSSHESS IN THE PARTS.  VIBRATION  O. 75ms. FOR 3 HOURS IN 3 AXIAL DIRECTIONS  (MIL-31D-1344 method 2005, condition 2).  IN 6 AXIAL DIRECTIONS AT AN ADDELEGATION OF 490 m/c².  A PULSE DURATION OF 11ms AND PERFORMED 3 TIMES.  PARTS.  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  IN 10 AMAGE. CRACKS, OR LOSSHESS IN THE PARTS.  X DO DAMAGE. CRACKS, OR LOSSHESS IN THE PARTS.  X DO DAMAGE. CRACKS, OR LOSSHESS IN THE PARTS.  X DO DAMAGE. CRACKS, OR LOSSHESS IN THE PARTS.  X DO DAMAGE. CRACKS, OR LOSSHESS IN THE PARTS.  X DAMAGE. CRACKS, OR LOSSHESS IN THE P	INSULATION F	RESISTANCE	MEASURED	T DC 500V. 1000			1000MΩ	MIN.						Х	Х
MECHANICAL CHARACTERISTICS  CONNECTOR INSERTION AND MICHORARMA (MICHORARMA PRICES)  INSERTION AND MICHORARMA (MICHORARMA PRICES)  INSERTION AND MICHORARMA (MICHORARMA PRICES)  INSERTION AND ALBORING BY INFORMATION (INSERTED AND EXTRACTED SO TIMES, LOSSHESS IN THE PARTS, CONNECTOR)  INSERTED AND EXTRACTED SO TIMES, LOSSHESS IN THE PARTS, CITED AND EXTRACTED SO TIMES, LOSSHESS IN THE PARTS, CITED AND EXTRACTED SO TIMES, LOSSHESS IN THE PARTS, CITED AND EXTRACTED SO TIMES, LOSSHESS IN THE PARTS, CITED AND EXERTION OF THE AND EXTRACTED AND EXERCISE AND EXTRACTED EXTRACTED AND EXTRACTED EXTRACTED AND EXTRACTED EXTRACTED AND EXTRACTED EXTRACT	VOLTAGE PROC	)F	AC 2200V	APPLIED FOR 1min.			NO FLASHOVER OR BREAKDOWN.				Х	Х			
### HITHORAL PORCES ### HITHORY A LOCKING DEVICE. ### HITHORY AND PURCES AT THE CONNECTION ### DAMAGE ### HITHORY AND EXTRACTED SO TIMES. ### HITHORY AND EXTRACTED SOUTH OF 10 24 5 2 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MECHA	VICAL CHA	RACTE	RISTICS											
TERMINAL RETENTION FORCE   200N APPLIED AT THE CONNECTION   NO DAMAGE   X   X   NO FUNCTION IMPAIRING DAMAGE, CRACKS, OR   X   X   X   X   X   X   X   X   X							INSERTI	ON AND WIT	HDRA	WAL FORCES	: 200	ON MAX		Х	_
INSERTED AND EXTRACTED 50 TIMES.   D. NO FINICTION IMPAIRING DAMAGE, CRACKS, OR CASHESS IN THE PARTS.   D. ORDINACT RESISTANCE: 1 mg D. MAX.   D. STORM, FOR 9 HOURS IN 3 AXIAL DIRECTIONS   D. NO LECTRICAL DISCONDITY OF 10 µ s.   S. NO DAMAGE, CRACKS, OR LOSSENESS IN THE PARTS.   D. NO DAMAGE, CRACKS, OR LOSSE			+		LOCKING DEVICE.							_			
PREDURNY PARKET: 10 15 SOHL/CYCLE, SINGLE, AMPLITUDE OF   O Sime, FOR a MOURS IN 3 AXIAL DIRECTIONS ON   O Sime, FOR a MOURS IN 3 AXIAL DIRECTIONS ON   O Sime, FOR a MOURS IN 3 AXIAL DIRECTIONS ON   O SIME, STAND DIRECTIONS AT AM ACCELERATION OF 400 m/s².   IN 6 AXIAL DIRECTIONS AT AM ACCELERATION OF 400 m/s².   A PULSE DURATION OF 1 ms AMO PERFORNED 3 TIMES.   ON DAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.   O DAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.							NO FUNCTION IMPAIRING DAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.				0R		_		
In 6 ARIAL DIRECTIONS AT AN ACCELERATION OF 490 m/s².   1) NO ELECTRICAL DISCONUITY OF 10 μs.   x   x   x   x   x   x   x   x   x	VIBRATION 0.75mm		0.75mm, F	OR 3 HOURS IN 3 AXIAL DIRECT	IONS	ITUDE OF	1) NO 2) NO	<ol> <li>NO ELECTRICAL DISCONUITY OF 10 μs.</li> <li>NO DAMAGE, CRACKS, OR LOOSENESS IN THE</li> </ol>				×	_		
ENVIRONMENTAL CHARACTERISTICS    DAMP HEAT (STEADY STATE)   TEMPERATURE: 40°C, HUMIDITY 90 TO 95%.   21 INSULATION RESISTANCE: 100MΩ MIN (WHEN WET).   STATE)   TEMPERATURE: 40°C, HUMIDITY 90 TO 95%.   22 INSULATION RESISTANCE: 100MΩ MIN (WHEN DRY).   30 MADAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.   TEMPERATURE CYCLE   TIME: 30 + 2 TO 3 + 30 + 2 TO 3 min   20 MADAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.   22 MO DAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.   23 MADAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.   24 MADAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.   25 MADAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.   25 MADAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.   26 MADAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.   27 MADAMAGE, CRACKS, OR LOOSENESS I	IN 6 AXIA			DIRECTIONS AT AN ACCELERAT	ION OF 49	0 m/s²,	<ol> <li>NO ELECTRICAL DISCONUITY OF 10 μs.</li> <li>NO DAMAGE, CRACKS, OR LOOSENESS IN THE</li> </ol>				X				
DAMP HEAT (STEADY STATE)  TEMPERATURE: 40 ° C, HUMIDITY 90 TO 95%, LEFT FOR 96 HOURS  TEMPERATURE: -40 ° C → R/T □ → +105 ° C → R/T 3 NO DAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.  TEMPERATURE: -40 ° C → R/T □ → +105 ° C → R/T 3 NO DAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.  TEMPERATURE CYCLE  TIME: 30 → 2 TO 3 → 30 → 2 TO 3 min 2) NO DAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.  RESISTANCE TO HEAT  EXPOSED AT A TEMPERATURE OF +105 ° C FOR 96 HOURS.  RESISTANCE TO COLD  EXPOSED AT A TEMPERATURE OF +00 ° C FOR 96 HOURS.  OCONNECTED TO AM APPLICABLE CONTACT AT A WATER DEPTH OF IN FOR 30 MINUTES.  AIR TIGHTNESS □ CONNECTED TO AM APPLICABLE CONTACT AT A WATER DEPTH OF INFO AND AMAGE, CRACKS, OR LOOSENESS IN THE PARTS.  X  CONNECTED TO AM APPLICABLE CONTACT, 17, 6RPa OF AIR NO WATER PENETRATION INSIDE THE CONNECTOR.  X  CONNECTED TO AM APPLICABLE CONTACT, 17, 6RPa OF AIR NO AIR BUBBLES EMITTED FROM THE CONNECTOR.  X  CORNOSION SALT MIST 3  CONNECTED TO AM APPLICABLE CONTACT, 17, 6RPa OF AIR NO AIR BUBBLES EMITTED FROM THE CONNECTOR.  X  CORROSION SALT MIST 3  CONNECTED TO AM APPLICABLE CONTACT, 17, 6RPa OF AIR NO AIR BUBBLES EMITTED FROM THE CONNECTOR.  X  CORNOSION SALT MIST 3  CONNECTED TO AM APPLICABLE CONTACT, 17, 6RPa OF AIR NO AIR BUBBLES EMITTED FROM THE CONNECTOR.  X  CORNOSION SALT MIST 3  CONNECTED TO AM APPLICABLE CONTACT, 17, 6RPa OF AIR NO AIR BUBBLES EMITTED FROM THE CONNECTOR.  X  COUNT DESCRIPTION OF REVISIONS  DESIGNED CHECKED DATI  APPROVED SU, OBARA 201512  CHECKED YH. YAMADA 201512  CHECKED YH. YAMADA 201512  CHECKED YH. YAMADA 201512  APPROVED SU, OBARA 201512  CHECKED YH. YAMADA 201512  CHECKED YH. YAMADA 201512  DRAWIN THOMAS FORAN 201512	FNVIRO	NMENTAL	CHARA	CTERISTICS			PAR	(15.							1
TEMPERATURE: -40 ° C → R/T <sup>(1)</sup> → +105 ° C → R/T <sup>(1)</sup> → 105 ° C → R/T <sup>(1)</sup> NO DAMAGE, CRACKS, OR LOOSENESS IN THE X 1STED OVER 5 CYCLES.  RESISTANCE TO HEAT EXPOSED AT A TEMPERATURE OF +105 ° C FOR 96 HOURS. NO DAMAGE, CRACKS, OR LOOSENESS IN THE PARTS. X RESISTANCE TO COLD EXPOSED AT A TEMPERATURE OF -40 ° C FOR 96 HOURS. NO DAMAGE, CRACKS, OR LOOSENESS IN THE PARTS. X CONNECTED TO AN APPLICABLE CONTACT AT A WATER DEPTH OF Im FOR 30 MINUTES.  AIR TIGHTNESS <sup>(2)</sup> CONNECTED TO AN APPLICABLE CONTACT, A WATER DEPTH OF PRESSURE WAS APPLIED FOR 30 SECONDS. NO FUNCTION INSIDE THE CONNECTOR. X CORROSION SALT MIST (3) CONCENTRATION 5% SALT WATER, LEFT FOR 48 HOURS. NO FUNCTION IMPAIRING CORROSION. X CORROSION SALT MIST (2) Sealing and air tightness were tested under mated condition with applicable or imp contacts.  (2) Sealing and air tightness were tested under mated condition with applicable or imp contacts. (2) Sealing and air tightness were tested under mated condition with applicable or imp contacts. (2) Sealing and air tightness were tested under mated condition with applicable or imp contacts. (2) Sealing and air tightness were tested under mated condition with applicable or imp contacts. (2) Sealing and air tightness were tested under mated condition with applicable or imp contacts. (3) R/T = room temperature  For unspecified specifications, refer to IEC 60512 (JIS C 5402).  Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC-118664-00-000	(			MPERATURE: 40°C, HUMIDITY 90 TO 95%,			<ul> <li>WET).</li> <li>INSULATION RESISTANCE: 100MΩ MIN (WHEN DRY).</li> <li>NO DAMAGE, CRACKS, OR LOOSENESS IN THE</li> </ul>				х	_			
RESISTANCE TO COLD  EXPOSED AT A TEMPERATURE OF -40 ° C FOR 96 HOURS.  SEALING CONNECTED TO AN APPLICABLE CONTACT AT A WATER DEPTH OF IMFOR 30 MINUTES.  AIR TIGHTNESS CONNECTED TO AN APPLICABLE CONTACT, 17.6kPa OF AIR NO AIR BUBBLES EMITTED FROM THE CONNECTOR.  X  CONNECTED TO AN APPLICABLE CONTACT, 17.6kPa OF AIR NO AIR BUBBLES EMITTED FROM THE CONNECTOR.  X  CORROSION SALT MIST CONCENTRATION 5% SALT WATER, LEFT FOR 48 HOURS.  CORROSION SALT MIST TO DESCRIPTION OF REVISIONS  DESIGNED  COUNT  DESCRIPTION OF REVISIONS  DESIGNED  COUNT  DESCRIPTION OF REVISIONS  DESIGNED  CHECKED  DATI  APPROVED  SU. OBARA  201512  APPROVED  SU. OBARA  201512  (2) Sealing and air tightness were tested under mated condition with applicable connector, and SANKEI CO., LTD KEIGLAND E2KD 2836, E2KD 3236 or E2KD 3636 installed.  (3) R/T = room temperature  For unspecified specifications, refer to IEC 60512 (JIS C 5402).  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  DRAWING NO.  EM52M—WBP-4PCA	TEMPERATURE CYCLE TIME: 30		TIME: 30	→ 2 TO 3 → 30 → 2 TO 3 min	C → R/T		<ol> <li>INSULATION RESISTANCE: 1000MΩ MIN.</li> <li>NO DAMAGE, CRACKS, OR LOOSENESS IN THE</li> </ol>			HE	х	_			
CONNECTED TO AN APPLICABLE CONTACT AT A WATER DEPTH OF IM FOR 30 MINUTES.  AIR TIGHTNESS CONNECTED TO AN APPLICABLE CONTACT, 17. 6kPa 0F AIR PRESSURE WAS APPLIED FOR 30 SECONDS.  CORROSION SALT MIST 3 CONCENTRATION 5% SALT WATER, LEFT FOR 48 HOURS.  CONTROSION SALT MIST 3 CONCENTRATION 5% SALT WATER, LEFT FOR 48 HOURS.  COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATION SECONDS.  Notes: (1) Above specifications show the values in assembled condition with applicable connector, and SANKEI CO., LTD KEIGLAND E2KD 2836, E2KD 3236 or EXCHARGE PROMISE PRO	RESISTANCE 1	TO HEAT	EXPOSED A	AT A TEMPERATURE OF +105 °C FOR 96 HOURS.			NO DAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.					Х	_		
Im FOR 30 MINUTES.	RESISTANCE TO COLD EXPOSE		EXPOSED A	AT A TEMPERATURE OF -40°C FOR 96 HOURS.			NO DAMAGE, CRACKS, OR LOOSENESS IN THE PARTS.					Х	<u> </u>		
AIR TIGHTNESS PRESSURE WAS APPLIED FOR 30 SECONDS.  CORROSION SALT MIST 3 CONCENTRATION 5% SALT WATER, LEFT FOR 48 HOURS.  COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE SOLD TO SECOND	SEALING (2)				A WATER	DEPTH OF	NO WATER PENETRATION INSIDE THE CONNECTOR.					х	_		
COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE  5 DIS-C-00002977 WR. AJIRO TP. KOMATSU 201903  REMARKS  Notes: (1) Above specifications show the values in assembled condition with applicable crimp contacts.  (2) Sealing and air tightness were tested under mated condition with applicable connector, and SANKEI CO. LTD KEIGLAND EZKD 2836, EZKD 3236 or EZKD 3636 installed.  (3) R/T = room temperature  For unspecified specifications, refer to IEC 60512 (JIS C 5402).  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  DRAWING NO.  EM52M—WBP—4PCA					17. 6kPa	OF AIR	NO AIR BUBBLES EMITTED FROM THE CONNECTOR.				х	_			
TP. KOMATSU 201903  REMARKS  Notes: (1) Above specifications show the values in assembled condition with applicable crimp contacts.  (2) Sealing and air tightness were tested under mated condition with an applicable connector, and SANKEI CO., LTD KEIGLAND E2KD 2836, E2KD 3236 or E2KD 3636 installed.  (3) R/T = room temperature  For unspecified specifications, refer to IEC 60512 (JIS C 5402).  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  SPECIFICATION SHEET  WR. AJIRO  TP. KOMATSU 201903  APPROVED SU. 0BARA 201512  CHECKED YH. YAMADA 201512  DESIGNED YS. SAKODA 201512  DRAWN THOMAS FORAN 201512  DRAWN ON.  ELC-118664-00-00  EM52M-WBP-4PCA	CORROSION SALT MIST 3 CONCENTRA		ATION 5% SALT WATER, LEFT FOR 48 HOURS.			NO FUNC	TION IMPAI	RING	CORROSION	ROSION.		Х	_		
TP. KOMATSU 201903  REMARKS  Notes: (1) Above specifications show the values in assembled condition with applicable crimp contacts.  (2) Sealing and air tightness were tested under mated condition with an applicable connector, and SANKEI CO., LTD KEIGLAND E2KD 2836, E2KD 3236 or E2KD 3636 installed.  (3) R/T = room temperature  For unspecified specifications, refer to IEC 60512 (JIS C 5402).  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  SPECIFICATION SHEET  WR. AJIRO  TP. KOMATSU 201903  APPROVED SU. 0BARA 201512  CHECKED YH. YAMADA 201512  DESIGNED YS. SAKODA 201512  DRAWN THOMAS FORAN 201512  DRAWN ON.  ELC-118664-00-00  EM52M-WBP-4PCA															
Notes: (1) Above specifications show the values in assembled condition with applicable crimp contacts.  (2) Sealing and air tightness were tested under mated condition with an applicable connector, and SANKEI CO., LTD KEIGLAND E2KD 2836, E2KD 3236 or E2KD 3636 installed.  (3) R/T = room temperature  For unspecified specifications, refer to IEC 60512 (JIS C 5402).  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  SPECIFICATION SHEET  APPROVED  SU. 0BARA  201512  CHECKED  YH. YAMADA  201512  DESIGNED  THOMAS FORAN  201512  DRAWN  THOMAS FORAN  ELC-118664-00-00  ELC-118664-00-00  EM52M-WBP-4PCA	COUNT DESCRIPTION			ON OF REVISIONS		DESIG	DESIGNED			CHECKED				DATE	
Notes: (1) Above specifications show the values in assembled condition with applicable crimp contacts.  (2) Sealing and air tightness were tested under mated condition with an applicable connector, and SANKEI CO., LTD KEIGLAND E2KD 2836, E2KD 3236 or E2KD 3636 installed.  (3) R/T = room temperature  For unspecified specifications, refer to IEC 60512 (JIS C 5402).  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  SPECIFICATION SHEET  APPROVED  SU. 0BARA  201512  CHECKED  YH. YAMADA  201512  DESIGNED  THOMAS FORAN  201512  DRAWN  THOMAS FORAN  ELC-118664-00-00  ELC-118664-00-00  EM52M-WBP-4PCA	A -			C-00002977		WR. A	JIRO							20190305	
Notes: (1) Above specifications show the values in assembled condition with applicable crimp contacts.  (2) Sealing and air tightness were tested under mated condition with an applicable connector, and SANKEI CO., LTD KEIGLAND E2KD 2836, E2KD 3236 or E2KD 3636 installed.  (3) R/T = room temperature  For unspecified specifications, refer to IEC 60512 (JIS C 5402).  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  SPECIFICATION SHEET  PART NO.  CHECKED  YH. YAMADA  201512  DESIGNED  YS. SAKODA  201512  DRAWN  THOMAS FORAN  201512  PART NO.  ELC-118664-00-00  EM52M-WBP-4PCA								APPROVED				20151217			
applicable connector, and SANKEI CO., LTD KEIGLAND E2KD 2836, E2KD 3236 or E2KD 3636 installed.  (3) R/T = room temperature  For unspecified specifications, refer to IEC 60512 (JIS C 5402).  Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC-118664-00-00  SPECIFICATION SHEET PART NO. EM52M-WBP-4PCA	· ·				dition w				ED	YH	I. YAMA	\DA		2015	1217
For unspecified specifications, refer to IEC 60512 (JIS C 5402).  Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO.  ELC-118664-00-00  SPECIFICATION SHEET PART NO.  EM52M-WBP-4PCA	applicable connector, an							DESIGNED YS. SAKODA				20151217			
Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC-118664-00-00  SPECIFICATION SHEET PART NO. EM52M-WBP-4PCA	,			-f +- IFO COF10 /UC 0	E400\				DRAWN THOMAS FORAN				20151217		
HRS SPECIFICATION SHEET PART NO. EM52M-WBP-4PCA					וח	RAWING NO FI C-11866/-			<b>4</b> −∩	-00-00					
HC SIZERIO MISTORILE	SDECIEIO							1							
HIROSE ELECTRIC CO., LTD.   CODE NO.   CL138-0035-6-00   🛆   1	I NO										<u> </u>	1/3			

1 Current Rating and Applicable Cable 1

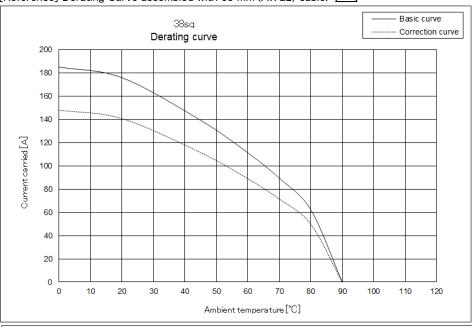
Table 1 shows the current rating and applicate cable.

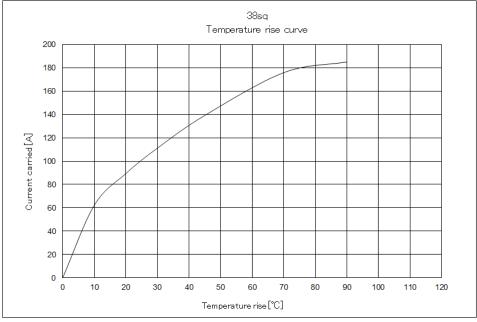
Table 1. Current Rating And Applicable Cable

Current (7)	100A (TÜV.UL), ∕2\ 130A(Ambient Temperature 25°C)	80A (TÜV, UL), 📤
Applicable Cable	38 (26. 66 to 42. 42) mm <sup>2</sup> AWG 2	$22(16.78 \text{ to } 26.66) \text{ mm}^2$ AWG 4

Current rating depends on ambient temperature. Please refer to the derating curve shown below.

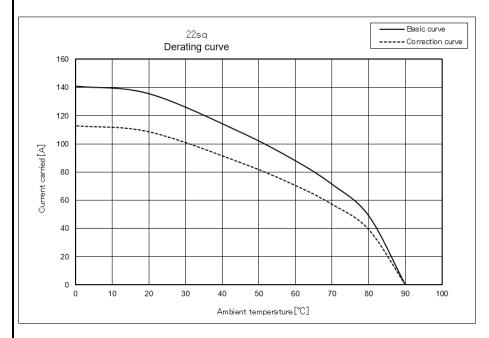
[Reference] Derating Curve assembled with 38 mm²(AWG2) cable.

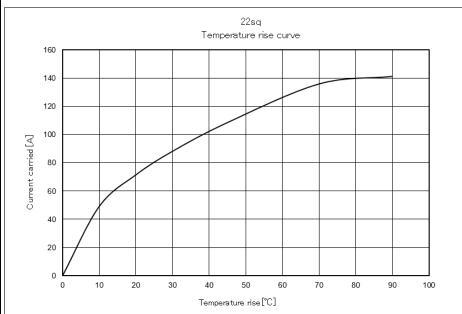




Note QT:Qu	ualification Test AT:Assurance Test X:Applicable Test	DRAWIN	ING NO. ELC-118664-00-0				
HS.	SPECIFICATION SHEET	PART NO.	EM52M-WBP-4PCA				
11.0	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL138	3-0035-6-00	Δ	2/3	

(AWG4) cable.





- 4) The correction curve is derived from the basic curve multiplied by the derating factor of 0.8.
- 5) The value of rated current varies with the ambient temperature. It is recommended to use the product within the correction curve zone. When using a UL or TÜV approved product, please use the product within the specified range as well as the correction curve area.
- 6) The measurement method of the derating curve is shown below.
  - •Test specimen: This product, unused prior to testing.
  - •Test condition: Power supplied while the specimen is in a stationary state and then measured.
  - •Measure by energizing 3 contacts excluding No.4 contact.

Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	DRAWING NO. ELC-118664-0				0		
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11.0	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL138	3-0035-6-00	Δ	3/3		