AL									_								
<u> </u>									<u>A</u>								
Δ									4								
\PF	PLICAE	BLE STAND	ARD	PC C	ard	Stand	dard										
		OPERATING TEMPERATURE	DANICE		-55	°C .	TO	+85 °	Č.	STOR		DANCE	-40	O°C	TO	+70 °	С
DΔ	RATING VOLTAGE					20.					MPERATURE RANGE ERATING		95%MAXIMU			IR <i>A</i>	
CURREN			-				HUN			HUMIC	MIDITY RANGE						
			Γ 1∼68: 0.5A								(NON-CONDENSING)						
						S	SPE	CIFIC	CAT	ION	IS		•				
	IT	EM			TES	T ME				T		REQ	UIREMEN	NTS		QT	AT
20		UCTION								<u></u>			<u> </u>				1, ,,
GENERAL EXAMINATION			VISUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING.											10	0		
MARKING			CONFIR	CONFIRMED VISUALLY.											Ö	<u> </u>	
=1 E	CTDI	C CHARAC	TEDIO	ETICS												\perp	
		SISTANCE			20.5	N/ AC 8	MAY -	TEST CU	DOENIT	-							1
(LOW LEVEL)		1mA.	OLIAGE	2011	IV AC I	vi.~~,	TEST COI	VIVEIN I								_	
		D-1344A]	1110														
A #T1		DD 3002.1	500 \ /	- 4010 (DDI IE	D.FOD	4 8 4 18										
VIII		NG VOLTAGE	500 Vrm	S AC IS	APPLIE	DFUR	CIIVIII	WIE.								-	_
NSU		RESISTANCE	MEASU	RE WITH	IIN 1 M	INUTE	AFTE	R APPI Y	ING							+-	
METHOD 302			MEASURE WITHIN 1 MINUTE AFTER APPLYING 500 V DC.														
ΛE	CHAN	ICAL CHAI	RACTE	RISTI	cs							***************************************	»—————————————————————————————————————				
	LE PIN F	PULLING	PULL TH	IE STEE	L GAU	GE PIN	l:			T						T	_
OR	CE	Habana and the same of the sam	GAUGE	SIZE: φ0	.420±	0.005m	nm										ļ
		RTION FORCE	MEASU	RED BY	APPLIC	CABLE	CON	NECTOR.							,,		_
OTA	AL PULLI	NG FORCE														_	
/IEC		LOPERATION	10000 TI	MES INS	ERTIC	NS AN	IDEX	TRACTIO	NS.		① CONTACT RESISTANCE					0	
[OFFICE ENVIRONMENT]											:AFTER TEST 20 mΩ MAXIMUM CHANGE. ② NO MECHANICAL DAMAGE SHALL OCCUR						
	ENVIRO	INIVIEN									-	E PARTS		SHALL	OCCUR		
/IBR	ATION A	ND HIGH	FREQUI	ENCY 10	TO 20	00 Hz, /	AMPL	ITUDE1.5	2 mm,	147	1) MUST	NOT CAL	JSE CURREN	1T		10	
FREQUENCY			m/s ² PEAK AT 4 h, FOR 3 DIRECTIONS. INTERRUPTION GREATER									I GREATER T	THAN 10	00 ns.			
		OD 204D			100	1200		55 HOLE	11.10.77		_		AL DAMAGE	SHALL		<u> </u>	
SHO	CK			ERATION SEMI-SIN				RD HOLD S	ING H	ME	OCCU	R ON THE	. PARTS.				_
	METHO	OD 213B		RECTIO			, , , , , , , , , , , , , , , , , , , ,	_									
				CTEF	RISTI	CS											
ΞN		IMENTAL (CHARA		(OL E	241101	10011					ACT DECL					
	VIRON		10 CYCI	ES (1 C)	rCLE=	24 HU	3K2)V	VITH COI	NNECT	ORS	D CONT					10	_
	VIRON STURE R	IMENTAL (ESISTANCE	10 CYCL ENGAG	.ES (1 C\ ED.							:AFT	ER TEST :	20 mΩ MAXIN	MUM CI	HANGE.	0	
	VIRON STURE R	IMENTAL (10 CYCL ENGAG AFTER	.ES (1 C` ED. THE TES	ST,THE	ETEST	SAM	VITH CON PLE SHA OR 1 TO	LL BE		:AFT 2) INSUL	ER TEST : ATION RE	20 mΩ MAXIN ESISTANCE		HANGE.	0	-
	VIRON STURE R	IMENTAL (ESISTANCE	10 CYCL ENGAG AFTER	.ES (1 C` ED. THE TES	ST,THE	ETEST	SAM	PLE SHA	LL BE	JRS.	:AFT 2) INSUL :AFT	ER TEST : ATION RE ER TEST	20 mΩ MAXIN		HANGE.	0	
MOIS	VIRON STURE R	IMENTAL (ESISTANCE OD 106E	10 CYCL ENGAG AFTER LEFT /	LES (1 C) ED. THE TES AT THE A	ST,THE	TEST NT TEI +5~3	SAM MP. F	PLE SHA OR 1 TO +85 → +5	LL BE 2 HOU 5~35 ≈	JRS.	:AFT 2 INSUL :AFT 3 NO HE 1 CONT	ER TEST: ATION RE ER TEST EAVY COR ACT RESI	20 mΩ MAXINESISTANCE 100 MΩ MINII RROSION. ISTANCE	MUM.		0	
MOIS	VIRON STURE R METHO RMAL SH	IMENTAL (ESISTANCE OD 106E HOCK	10 CYCL ENGAG AFTER LEFT / TEMPER TIME	ES (1 C) ED. THE TES AT THE /	ST,THE	TEST NT TEI +5~3	SAM MP. F	PLE SHA OR 1 TO	LL BE 2 HOU 5~35 ≈	JRS.	:AFT 2 INSUL :AFT 3 NO HE 1 CONTA :AFT	ER TEST: ATION RE ER TEST EAVY COR ACT RESI ER TEST:	20 mΩ MAXINESISTANCE 100 MΩ MINII RROSION. ISTANCE 20 mΩ MAXIN	MUM.			
MOIS	VIRON STURE R METHO RMAL SH	IMENTAL (ESISTANCE OD 106E	10 CYCL ENGAG AFTER LEFT TEMPER TIME 5MAX. n	LES (1 CY ED. THE TES AT THE A RATURE	ST,THE AMBIE -55 →	+5~3	SAM MP.F 5 → ·	PLE SHA OR 1 TO +85 → +5	LL BE 2 HOU 5~35 ° 30 →	JRS.	AFT 2 INSUL AFT 3 NO HE 1 CONT AFT 2 INSUL	ER TEST : ATION RE ER TEST EAVY COR ACT RESI ER TEST : ATION RE	20 mΩ MAXIM ESISTANCE 100 MΩ MINII RROSION. ISTANCE 20 mΩ MAXIM ESISTANCE	MUM. MUM CI			
NOIS	VIRON STURE R METHO RMAL SH	IMENTAL (ESISTANCE OD 106E HOCK	TEMPER TIME 5MAX. n UNDER AFTER	LES (1 C) ED. THE TES AT THE / RATURE nin. 5 CYC THE TES	ST,THE	+5~3 30 -	SAM MP. F 5 → 5 M ONNE	PLE SHA OR 1 TO +85 → +5 MAX. → ECTORS E PLE SHA	LL BE 2 HOU 5~35 ° 30 → ENGAG LL BE	JRS.	:AFT 2 INSUL :AFT 3 NO HE 1 CONT. :AFT 2 INSUL	ER TEST: ATION RE ER TEST EAVY COR ACT RESI ER TEST: ATION RE ER TEST	20 mΩ MAXINESISTANCE 100 MΩ MINII RROSION. ISTANCE 20 mΩ MAXIN	MUM. MUM CH	HANGE.		
HEF	VIRON STURE R METHO RMAL SH METHO	IMENTAL (ESISTANCE OD 106E HOCK	TEMPER TIME 5MAX. n UNDER AFTER	LES (1 C) ED. THE TES AT THE / RATURE nin. 5 CYC THE TES	ST,THE	+5~3 30 -	SAM MP. F 5 → 5 M ONNE	PLE SHA OR 1 TO +85 → +5 MAX. →	LL BE 2 HOL 5~35 ° 30 → ENGAG LL BE 2 HOL	JRS.	AFT 2 INSUL AFT 3 NO HE 1 CONT AFT 2 INSUL AFT 3 NO PH DURIN	ER TEST: ATION RE ER TEST ACT RESI ER TEST: ATION RE ER TEST IYSICAL E ING TEST	20 mΩ MAXIMESISTANCE 100 MΩ MINIII RROSION. ISTANCE 20 mΩ MAXIMESISTANCE 100 MΩ MINIII DAMAGE SHANG.	MUM. MUM CH MUM. ALL OCK	HANGE.	0	
HEF	VIRON STURE R METHO RMAL SH	IMENTAL (ESISTANCE OD 106E HOCK	TEMPER TIME 5MAX. n UNDER AFTER	LES (1 C) ED. THE TES AT THE / RATURE nin. 5 CYC THE TES	ST,THE	+5~3 30 -	SAM MP. F 5 → 5 M ONNE	PLE SHA OR 1 TO +85 → +5 MAX. → ECTORS E PLE SHA	LL BE 2 HOL 5~35 ° 30 → ENGAG LL BE 2 HOL	JRS.	AFT 2 INSUL AFT 3 NO HE 1 CONT AFT 2 INSUL AFT 3 NO PH DURIN	ER TEST: ATION RE ER TEST EAVY COR ACT RESI ER TEST: ATION RE ER TEST IYSICAL [20 mΩ MAXIMESISTANCE 100 MΩ MINIII RROSION. ISTANCE 20 mΩ MAXIMESISTANCE 100 MΩ MINIII DAMAGE SHA	MUM. MUM CH MUM. ALL OCK	HANGE.		ASED
HEF	VIRON STURE R METHO RMAL SH METHO	IMENTAL (ESISTANCE OD 106E HOCK	TEMPER TIME 5MAX. n UNDER AFTER	LES (1 C) ED. THE TES AT THE / RATURE nin. 5 CYC THE TES	ST,THE	+5~3 30 -	SAM MP. F 5 → 5 M ONNE	PLE SHA OR 1 TO +85 → +5 MAX. → ECTORS E PLE SHA OR 1 TO	LL BE 2 HOU 5~35 ° 30 → ENGAG LL BE 2 HOU	JRS.	AFT 2 INSUL AFT 3 NO HE 1 CONT AFT 2 INSUL AFT 3 NO PH DURIN DES	ER TEST: ATION RE ER TEST EAVY COF ACT RESI ER TEST: ATION RE ER TEST HYSICAL D IGNED	20 mΩ MAXINESISTANCE 100 MΩ MININEROSION. ISTANCE 20 mΩ MAXINESISTANCE 100 MΩ MININEDAMAGE SHANG. CHECKED	MUM CH MUM. ALL OCC	HANGE. CUR	RELEA	ASED
HEF	VIRON STURE R METHO RMAL SH METHO	IMENTAL (ESISTANCE OD 106E HOCK	TEMPER TIME 5MAX. n UNDER AFTER	LES (1 C) ED. THE TES AT THE / RATURE nin. 5 CYC THE TES	ST,THE	+5~3 30 -	SAM MP. F 5 → 5 M ONNE	PLE SHA OR 1 TO +85 → +5 MAX. → ECTORS E PLE SHA OR 1 TO	LL BE 2 HOU 5~35 ° 30 → ENGAG LL BE 2 HOU	JRS.	AFT 2 INSUL AFT 3 NO HE 1 CONT AFT 2 INSUL AFT 3 NO PH DURIN DES	ER TEST: ATION RE ER TEST EAVY COF ACT RESI ER TEST: ATION RE ER TEST HYSICAL D IGNED	20 mΩ MAXINESISTANCE 100 MΩ MININEROSION. ISTANCE 20 mΩ MAXINESISTANCE 100 MΩ MININEDAMAGE SHANG. CHECKED	MUM CH MUM. ALL OCC	HANGE. CUR	RELEA	ASED
HEF	VIRON STURE R METHO RMAL SH METHO	IMENTAL (ESISTANCE OD 106E HOCK OD 107G	10 CYCL ENGAG AFTER LEFT / TEMPER TIME 5MAX.n UNDER AFTER	LES (1 CY ED. THE TES AT THE A RATURE nin. 5 CYC THE TES AT THE A	ST,THE AMBIE -55 → CLES V ST,THE AMBIE	+5~3 30 — WITH CA E TEST NT TE	SAM MP. F 5 → 5 M ONNE SAM MP. F	PLE SHA OR 1 TO +85 → +5 MAX. → ECTORS E PLE SHA OR 1 TO	LL BE 2 HOU 5~35 ° 30 → ENGAG LL BE 2 HOU	JRS.	AFT 2 INSUL AFT 3 NO HE 1 CONT AFT 2 INSUL AFT 3 NO PH DURIN DES	ER TEST: ATION RE ER TEST EAVY COF ACT RESI ER TEST: ATION RE ER TEST HYSICAL D IGNED	20 mΩ MAXINESISTANCE 100 MΩ MININEROSION. ISTANCE 20 mΩ MAXINESISTANCE 100 MΩ MININEDAMAGE SHANG. CHECKED	MUM CH MUM. ALL OCC	HANGE. CUR	RELEA	ASED
THEF	VIRON STURE R METHO METHO MARKS	IMENTAL (ESISTANCE OD 106E HOCK OD 107G erwise speci	10 CYCL ENGAG AFTER LEFT / TEMPER TIME 5MAX. IN UNDER AFTER LEFT /	LES (1 CY ED. THE TES AT THE A RATURE nin. 5 CYC THE TES AT THE A	ST,THE AMBIE -55 → CLES V ST,THE AMBIE	+5~3 30 - WITH CO E TEST NT TE	SAM MP. F 5 → · 5 N ONNE SAM MP. F	PLE SHA OR 1 TO +85 → +5 MAX. → ECTORS E PLE SHA OR 1 TO	LL BE 2 HOU 5~35 ° 30 → ENGAG LL BE 2 HOU	JRS.	AFT 2 INSUL AFT 3 NO HE 1 CONT AFT 2 INSUL AFT 3 NO PH DURIN DES	ER TEST: ATION RE ER TEST EAVY COF ACT RESI ER TEST: ATION RE ER TEST HYSICAL D IGNED	20 mΩ MAXIMESISTANCE 100 MΩ MINIII RROSION. ISTANCE 20 mΩ MAXIMESISTANCE 100 MΩ MINIII DAMAGE SHANG.	MUM CH MUM. ALL OCC	HANGE. CUR	RELEA	ASED
MOIS THEF REM	VIRON STURE R METHO METHO MARKS	IMENTAL (ESISTANCE OD 106E HOCK OD 107G	10 CYCL ENGAG AFTER LEFT / TEMPER TIME 5MAX. IN UNDER AFTER LEFT /	LES (1 CY ED. THE TES AT THE A RATURE nin. 5 CYC THE TES AT THE A	ST,THE AMBIE -55 → CLES V ST,THE AMBIE	+5~3 30 - WITH CO E TEST NT TE	SAM MP. F 5 → · 5 N ONNE SAM MP. F	PLE SHA OR 1 TO +85 → +5 MAX. → ECTORS E PLE SHA OR 1 TO	LL BE 2 HOU 5~35 ° 30 → ENGAG LL BE 2 HOU	JRS.	AFTI 2 INSUL AFTI 3 NO HE 1 CONT. AFTI 2 INSUL AFTI 3 NO PH DURIN DES	ER TEST: ATION RE ER TEST EAVY COF ACT RESI ER TEST: ATION RE ER TEST: IYSICAL E NG TEST! IGNED	20 mΩ MAXIMESISTANCE 100 MΩ MINIMEROSION. ISTANCE 20 mΩ MAXIMESISTANCE 100 MΩ MINIMESISTANCE CHECKED M. Johich. 98 11.04	MUM CH MUM. ALL OCC	HANGE. CUR	RELEA	ASED
THEF REM Unle	VIRON STURE R METHO RMAL SH METHO MARKS ARKS	IMENTAL (ESISTANCE OD 106E HOCK OD 107G erwise speci	10 CYCL ENGAG AFTER LEFT / TEMPER TIME 5MAX. IN UNDER AFTER LEFT /	LES (1 CY ED. THE TES AT THE A RATURE nin. 5 CYC THE TES AT THE A	ST,THE AMBIE -55 → CLES V ST,THE AMBIE	+5~3 30 - WITH CA E TEST NT TEI	SAMMP. F 5 → 5 N ONNE SAMMP. F	PLE SHA OR 1 TO +85 → +5 MAX. → ECTORS E PLE SHA OR 1 TO	LL BE 2 HOL 30 → ENGAG LL BE 2 HOL DF	JRS.	AFTI 2 INSUL AFTI 3 NO HE D CONT. AFTI 2 INSUL AFTI 3 NO PH DURIN DES	ER TEST: ATION RE ER TEST EAVY COF ACT RESI ER TEST: ATION RE ER TEST HYSICAL D IGNED	20 mΩ MAXIMESISTANCE 100 MΩ MINIMEROSION. ISTANCE 20 mΩ MAXIMESISTANCE 100 MΩ MINIMESISTANCE 100 MΩ MINIMESISTANCE OHECKED M. Johiclio 98 11.04	MUM CHALL OCC	HANGE. CUR ROVED Cyata 11.06	RELEA	ASED
THEF REM Unle	VIRON STURE R METHO METHO MARKS	IMENTAL (ESISTANCE OD 106E HOCK OD 107G erwise speci	TEMPER TIME 5MAX. n UNDER AFTER LEFT fied, ref	LES (1 CY ED. THE TES AT THE A RATURE inin. 5 CYC THE TES AT THE A er to M ance Test	ST,THE AMBIE -55 → CLES V CLE	+5~3 30 - WITH CA E TEST NT TEI	SAMMP. F 5 → 5 N ONNE SAMMP. F	PLE SHA OR 1 TO +85 → +5 MAX. → ECTORS E PLE SHA OR 1 TO	LL BE 2 HOL 30 → ENGAG LL BE 2 HOL DF	JRS.	AFTI 2 INSUL AFTI 3 NO HE D CONT. AFTI 2 INSUL AFTI 3 NO PH DURIN DES	ER TEST: ATION RE ER TEST EAVY COF ACT RESI ER TEST: ATION RE ER TEST: IYSICAL E NG TEST! IGNED	20 mΩ MAXIMESISTANCE 100 MΩ MINIMEROSION. ISTANCE 20 mΩ MAXIMESISTANCE 100 MΩ MINIMESISTANCE CHECKED M. Johich. 98 11.04	MUM CHALL OCC	HANGE. CUR ROVED Cyata 11.06	RELEA	ASED
THEF	VIRON STURE R METHO RMAL SH METHO MARKS ARKS	IMENTAL (ESISTANCE OD 106E HOCK OD 107G erwise specialification Test	TEMPER TIME SMAX. IN UNDER AFTER LEFT AFTER AFTER LEFT AT:Assura	ES (1 CY ED. THE TES AT THE A RATURE nin. 5 CYC THE TES AT THE A er to M ance Test IC CO., DRAWING	ST,THE AMBIE -55 → CLES V CL	+5~3 30 - WITH COE TEST NT TEI	SAMMP. F 5 → 5 N ONNE SAMMP. F	PLE SHA OR 1 TO +85 → +5 MAX. → ECTORS E PLE SHA OR 1 TO	S-35 % 30	JRS.	AFT INSUL AFT NO HE CONT. AFT INSUL AFT NO PH DURIN DES W. S HEET	ER TEST: ATION RE ER TEST EAVY COF ACT RESI ER TEST: ATION RE ER TEST: YSICAL E NG TEST! IGNED PART NO	20 mΩ MAXIMESISTANCE 100 MΩ MINIMEROSION. ISTANCE 20 mΩ MAXIMESISTANCE 100 MΩ MINIMESISTANCE 100 MINIMESIS	MUM CHALL OCC	HANGE. CUR ROVED (11.06	RELEA	ASED 1
THEF REM Unle	METHOMETHOMETHOMETHOMETHOMETHOMETHOMETHO	IMENTAL (ESISTANCE OD 106E HOCK OD 107G erwise specialification Test	TEMPER TIME SMAX. IN UNDER AFTER LEFT AFTER AFTER LEFT AT:Assura	ES (1 CY ED. THE TES AT THE A RATURE nin. 5 CYC THE TES AT THE A er to M ance Test IC CO., DRAWING	ST,THE AMBIE -55 → CLES V CL	+5~3 30 - WITH COE TEST NT TEI	SAMMP. F 5 → 5 N ONNE SAMMP. F	PLE SHA OR 1 TO +85 → +5 MAX. → ECTORS E PLE SHA OR 1 TO	S-35 % 30	JRS.	AFT INSUL AFT NO HE CONT. AFT INSUL AFT NO PH DURIN DES W. S HEET	ER TEST: ATION RE ER TEST EAVY COF ACT RESI ER TEST: ATION RE ER TEST: YSICAL E NG TEST! IGNED PART NO	20 mΩ MAXIMESISTANCE 100 MΩ MINIMEROSION. ISTANCE 20 mΩ MAXIMESISTANCE 100 MΩ MINIMESISTANCE 100 MΩ MINIMESISTANCE OHECKED M. Johiclio 98 11.04	MUM. MUM. ALL OCC APP APP A-BU 5 7	HANGE. CUR ROVED (11.06	RELEA	1 2

TO PCK

ITEM

METHOD 108A

[JIS C 0020]

(NORMAL CONDITION)

ENGAGED.

ENGAGED.

CONNECTORS ENGAGED.

(HIGH TEMPERATURE)

COLD RESISTANCE

DURABILITY

HUMIDITY

SPECIFICATIONS

REQUIREMENTS

AFTER TEST 20 mΩ MAXIMUM CHANGE.

:AFTER TEST 20 mΩ MAXIMUM CHANGE.

:AFTER TEST 20 mΩ MAXIMUM CHANGE.

2 NO PHYSICAL DAMAGE SHALL OCCUR

2 NO PHYSICAL DAMAGE SHALL OCCUR

① CONTACT RESISTANCE

DURING TESTING.

DURING TESTING.

① CONTACT RESISTANCE

① CONTACT RESISTANCE

QT AT

0

TEST METHOD

EXPOSED AT 85 °C,250 HOURS WITH CONNECTORS

LEFT AT THE AMBIENT TEMP, FOR 1 TO 2 HOURS.

EXPOSED AT -55 °C.96 HOURS WITH CONNECTORS

LEFT AT THE AMBIENT TEMP, FOR 1 TO 2 HOURS.

EXPOSED AT 40±2 ℃,90 TO 95 % RH 96 HOURS WITH

AFTER THE TEST, THE TEST SAMPLE SHALL BE

AFTER THE TEST, THE TEST SAMPLE SHALL BE

DRAWING FOR REFERENCE: This is subject to change without notice