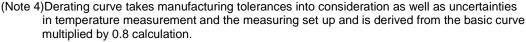
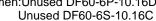
			DARD					0-0-	~-					
		ING ATURE R/		-55°C TO + 105°C (NOTE 1)			STORAGE		-10°C 1	-10°C TO + 60°C (NOTE 3)				
RATING	OPERAT	ING		20% TO 80% (NOTE 2)				TEMPERATURE RAN STORAGE						
	HUMIDITY RANGE CURRENT (*1)			AWG8 42A			HUMIDITY RANGE APPLICABLE		40% T0 70% (NOTE 3) DF60-8SC (F) A (##)			5)		
	CORREN	1 (*1)		AWG10		+2A 34A		CONTACT DF60-1012						
				AWG12 28A				VOLTAGE			1000V AC/DC			
	Ra	Rated voltage		Rated current							degree			
UL		500V AC/1		AWG8:55A/AWG10:50A/AWG12:40A (AT AMBIENT TEMP.25°C) (NOTE 5)										
C-UL	6	500V AC/1	DC											
TÜV		600V AC/DC		See above(*1) (Temp. rise up 30°CMAX) See above(*1)					Ш		TP20	(Note	7)	
	, °				SPEC								(110 00	• /
						110/		VV						
	ITEM			TI	EST METHOD				R	EQUIF	REMENTS		QT	A
CONST			1										1	
SENERAL E	EXAMINA	TION			ASURING INSTRU	JMENT.		ACCO	RDING T	O DRA	WING.		Х	Х
ARKING				MED VISUALL	Y.								Х	X
		HARA	CTER	ISTICS										
NSULATI			1000	/ DC.				1000	MΩ MIN				x	_
RESISTAN	-	-	3000V AC FOR 1 min.								BREAKDOWN	1	~	<u> </u>
OLIAGE	. FROOF		3000	ACTORT				NOTL			BREARDOWN	ν.	Х	-
MECHA	NICA	L CHA	RACT	ERISTIC	S									
/IBRATIO			FREQU	FREQUENCY 10 TO 500 Hz, TOTAL AMPLITUDE				NO DA	MAGE, O	CRACK	OR LOOSEN	IESS OF		
								PARTS.				Х	-	
			DIRECT											
				90 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES				NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					х	
				3 DIRECTIONS.								X	-	
Contact ex					er housing fixatio	n.		49N M	N				^	
		NIAL		ACTERIS				@ 11.10			071107 400		1	r
DAMP HE			EXPOS	ED AT 40 \pm	: 2 °C, 90 TO 95	%, 96 h		(1) INS MIN		N RESI	STANCE: 100	0ΜΩ	X	
SILADI	STATE)									F CRA	CK OR LOOS	SENESS		
									PARTS.	L, 010-				
RAPID CH	IANGE C)F	TEMPE	TEMPERATURE -55°C→ +105°C				1 INS	ULATIO	N RESI	STANCE: 100	0MΩ		
			TIME 30min→ 30min				MIN.				X	-		
				25 CYCLES	-			~		E, CRA	ACK OR LOOS	SENESS		
				RANSFERRI	NG TIME OF TH	E IANK	IS 2-3	OF PA	RIS.					
			min) (AFTER	I FAVING T		PERATI	IRF							
			FOR 1-			210110								
				POSED AT 105 ± 2°C, 250h				(1) INSULATION RESISTANCE: 1000M Ω				Х	-	
			(AFTER LEAVING THE ROOM TEMPERATURE				MIN.							
			FOR 1-2h.)				2 NO DAMAGE, CRACK OR LOOSENESS							
Cold		Evr					OF PARTS.				X			
Colu			Exposed at -55±3°C, 96h					1 Contact resistance: $2m_{\Omega}$ MAX. 2 Insulation resistance: $1000M_{\Omega}$ MIN.				^		
								 3 No damage, crack or looseness of parts 						
								÷		2.401				\vdash
Remarks														L
Note 1:Inclu			rising by	current.										
Note2:No co			long term	storage for up	used products befor	re mount	on och							
					d humidity range is			torage d	uring tran	sportatio	on.			
, COL	JNT	DE					DESIG	GNED CHECKED DA					TE	
$\hat{\mathbb{A}}$														
Unless otherwise specified , refer to				er to IEC 60	to IEC 60512.				APPRO	VED	HS. OKAV	VA	18.0	3 1
							CHECKED				ST. WADA		3.1	
								DESIGNED						3.1
							DRAWN					18.0		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test						DF	RAWING NO. ELC-379291-00-00)			
104		00					PART			וח		10 160		
H		SP	ECIF		SHEET		FARI	NU.		וע	F60FR-3S-	10.100		
	HIROSE E			ELECTRIC CO., LTD.				CODE NO.		CL680-4005-0-00				1/2



(Note 5)The value of rated current differs depending on the ambient temperature.

It is recommended to use the product within the derating curve zone.

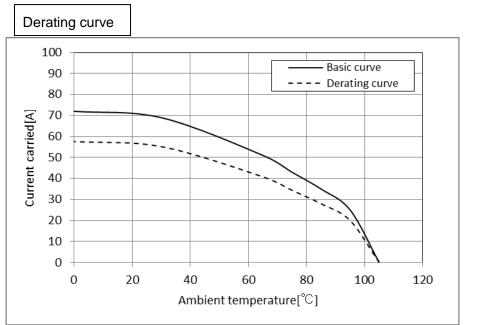
(Note 6) Measurement method of derating curve is shown below. • Test specimen:Unused DF60-6P-10.16DS(27).

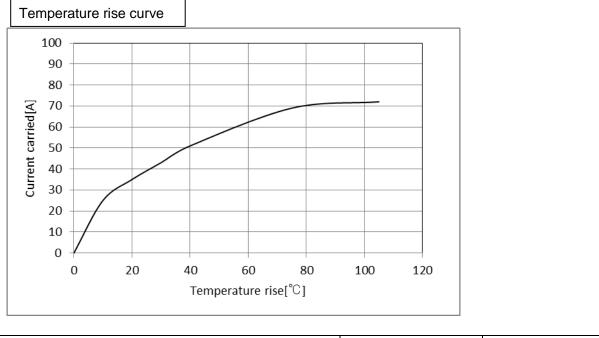


- Unused DF60-8SCFA
- Test cable spec:AWG 8
- Test condition: Turn on electricity under the static state and measure.
- (Test report # TR680E-20802)

(Note 7) Refer to "ETAD-H0653-00".







Note QT:0	Qualification Test AT:Assurance Test X:Applicable Test	Drawin	g no.	ELC-379291-00-00		
HRS	Specification sheet	Part no.	DF60FR-3S-10. 16C			
	Hirose electric co., ltd.	Code no.	CL680	0-4005-0-00	Δ	2/2

FORM HD0011-2-1