Applica	able stand	ard														
	Operating temperature r		-5	55°C to	+ 85°C(Note 1)		Storage	iture rang	70		-10°C to	+ 60°C	(Note 3)		
Rating	Operating humidity range			000/ 1 000/ (11 1 0)			Storage	-	Je.		40% to 70% (Note 3)					
	Voltage			AC 1000V DC				humidity range Applicable connector		DF22B#-*S-7. 92C (%%) DF22C#-*S-7. 92C (%%) DF222#-*EP-7. 92C (%%)						
	Current(* 1)^	CONTACT	AWG10	AWG12	AWG14	AWG16	Curren	t(* 2)		CONTACT		*=2 to 5 AWG12		A۱	WG16
	,	<u> </u>	2	38A	32A	23A	21A	1	,		2	25A	20A	18A	_	15A
			3	38A	32A	23A	21A				3	25A	20A	18A		15A
			4	33A	26A	22A	19A				4	22A	18A	15A	_	13A
			5	33A	26A	22A	19A				5	22A	18A	15A		13A
		Rat	ted voltag	ge		Rated See abov	d curren			Insu	lationgro	up	IP-Prote	ctio meth	nod	
	UL	P	AC 600V		(At amb	oient te	mp. 25°C	(Note	5)		_			_		
C	–UL	A	AC 600V			ee above mp. rise	_				_			_		
1	ΓÜV	P	AC 600V		,		ove(*				Π		IF	200		
						Sp	ecific	ation	าร							
	Item				Test	method					Requ	irements		C)T	AT
Constr	uction															
	kamination				y measurin	g instrume	ent.		Accord	ling to	drawing.				X	X
Marking				firmed vis	sually.									Χ	X	
	c characten resistance	eristic		000V D0					1000	NAO 1	AIN I			<u> </u>		
)MΩ N)	X	_
Voltage p	proof		2	500V AC	C for 1 mir	٦.			No flas	hover	or break	down.)	X	_
	nical cha	racte							r							
Mechanio	cal operation		3	0 times	insertions	and extra	actions.		No dan	nage,	crack or l	ooseness o	of parts.		X	_
Vibration					10 to 55 H at 2 h, for	_		de	No dan	nage,	crack or l	ooseness (of parts.)	X	_
Shock					m/s ² duration of pulse 11 ms at 3 times No damage, of directions.				crack or l	ooseness (of parts.)	X	_		
Enviro	nmental c	hara	cteristic	:S					I					1		
Rapid ch	ange of temp	erature	Tim min							e: 1000Mg or loosene		S.)	X	_		
Damp he (Steady s					40 ± 2°	°c, 90 to 9	95 %, 96	h.	_		resistance ge, crack	e: 500MΩ or loosene		s.)	X	_
Note2:No Note3:App	lude the tempe condensing ly to the condit er mounted on p	ion of lor	ng term stor	age for ur					orage du	ring tra	ınsportatior	1.				
	Count		Descrip	tion of re	visions			Desi	gned			Checked		Da	ate	
Δ	1			-H-00002				TS. KUN	MAZAWA			TS. FUKUSHI	MA	17. 0	7. 08	3
Unless of	otherwise s	pecifie	d, refer t	o IEC 6	0512.						proved	KI. AKI		14. 0		
											ecked	TS. FUKU		14. 0		
											signed rawn	HT. SA MI. SAKI		14. 0		
Note Q	T:Qualification	n Test	AT:Assu	ırance T	est X:App	licable Te	est		Drawin				_C4-16			,
R	1				on she			Part)F22B/C-			•	
77	J				ric co., I			Code	no			L680-	•	Δ.	1	/9
FORM			555	5.500				Coue	110.						'	, 5

(Note 4)Derating curve takes manufacturing tolerances into consideration as well as uncertainties in temperature measurement and the measuring set up and is derived from the basic curve multiplied by 0.8 calculation.

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

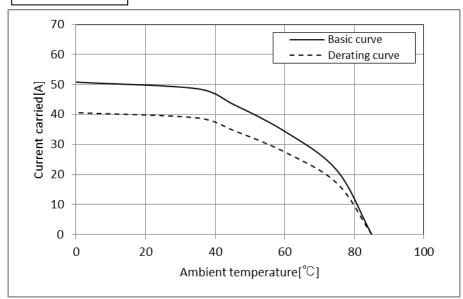
It is recommended to use the product within the derating curve zone.

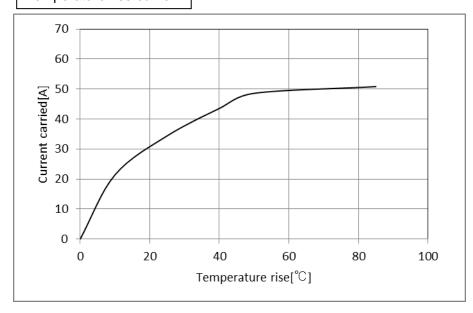
(Note 6) Measurement method of derating curve is shown below.

- Test specimen:Unused DF22-3P-7.92DS(05).
 Unused DF22-3S-7.92C(28)
 Unused DF22A-1012SCF
- Test cable spec:AWG 10
- Test condition: Turn on electricity under the static state and measure. (Test report # TR680E-20855)

[Reference]

Derating curve





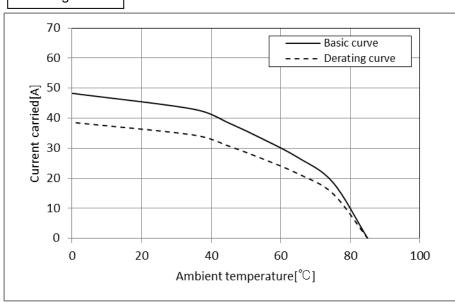
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing no.		ELC4-164777-01			
R	7	Specification sheet	Part no.	D	F22B/C-*RS/P-7	. 92	
		Hirose electric co., ltd.	Code no.		CL680-		

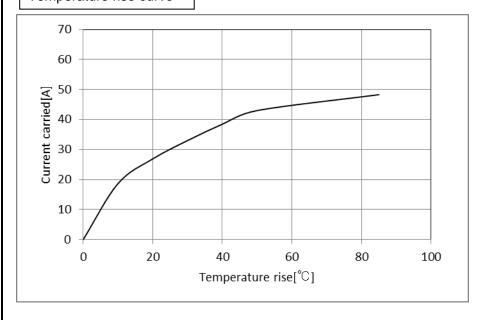
(Note 7) Measurement method of derating curve is shown below.

- Test specimen:Unused DF22-5P-7.92DSA(05).
 Unused DF22-5S-7.92C(28)
 Unused DF22A-1012SCF
- Test cable spec:AWG 10
- Test condition: Turn on electricity under the static state and measure.
 (Test report # TR680E-20587)

[Reference]

Derating curve





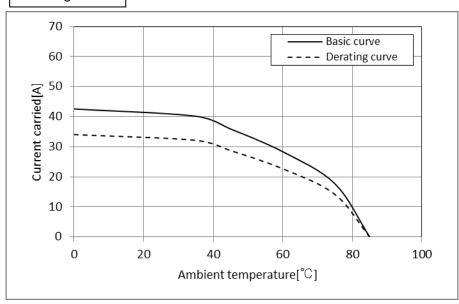
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HS.	Specification sheet	Part no.	D	DF22B/C-*RS/P-7. 92		
	Hirose electric co., ltd.	Code no.		CL680-	Δ	3/9

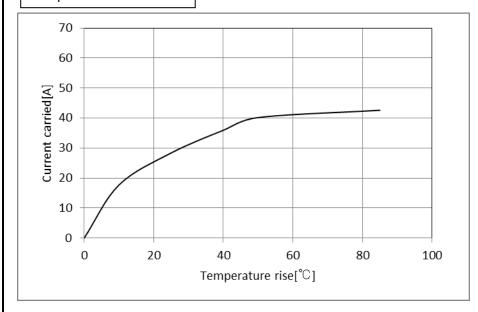
(Note 8) Measurement method of derating curve is shown below.

- Test specimen:Unused DF22-3P-7.92DS(05).
 Unused DF22-3S-7.92C(28)
 Unused DF22A-1012SCF
- Test cable spec:AWG 12
- Test condition: Turn on electricity under the static state and measure. (Test report # TR680E-20855)

[Reference]

Derating curve





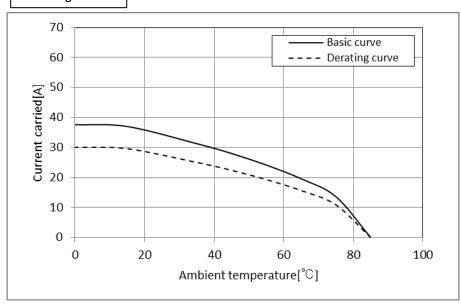
Note QT	QT:Qualification Test AT:Assurance Test X:Applicable Test		g no.	ELC4-164777-01		
RS	Specification sheet	Part no.	D	DF22B/C-*RS/P-7. 92		
	Hirose electric co., ltd.			CL680-	A	4/9

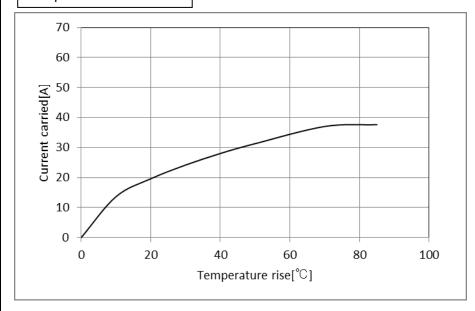
(Note 9) Measurement method of derating curve is shown below.

- Test specimen:Unused DF22-5P-7.92DSA(05).
 Unused DF22-5S-7.92C(28)
 Unused DF22A-1012SCF
- Test cable spec:AWG 12
- Test condition: Turn on electricity under the static state and measure. (Test report # TR680E-20810)

[Reference]

Derating curve





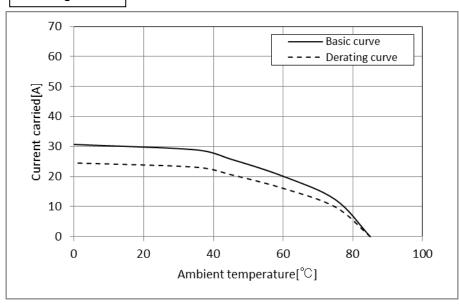
Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	Drawin	g no.	ELC4-164777-01		
Specification sheet		Part no.	DF22B/C-*RS/P-7. 92			
	Hirose electric co., ltd.	Code no.		CL680-	Δ	5/9

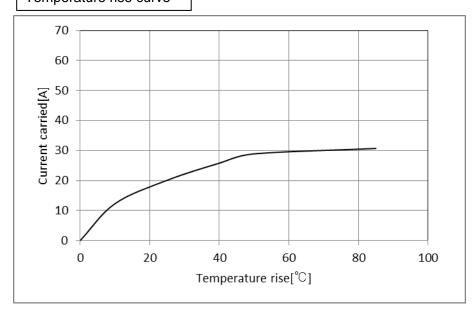
(Note 10) Measurement method of derating curve is shown below.

- Test specimen:Unused DF22-3P-7.92DS(05).
 Unused DF22-3S-7.92C(28)
 Unused DF22A-1416SCF
- Test cable spec:AWG 14
- Test condition: Turn on electricity under the static state and measure. (Test report # TR680E-20855)

[Reference]

Derating curve





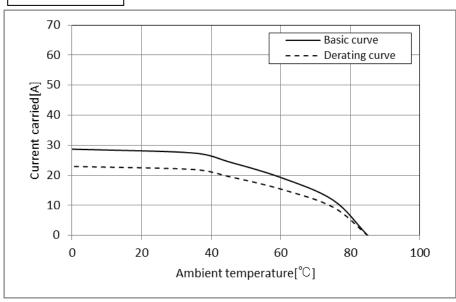
Note QT:Qu	ote QT:Qualification Test AT:Assurance Test X:Applicable Test		g no.	ELC4-164777-01		
HS	Specification sheet	Part no.	D	DF22B/C-*RS/P-7. 92		
	Hirose electric co., ltd. Code no.			CL680-	Δ	6/9

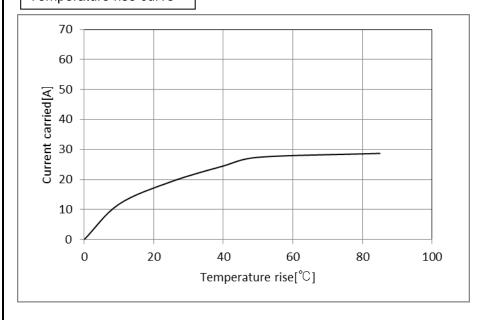
(Note 11) Measurement method of derating curve is shown below.

- Test specimen:Unused DF22-5P-7.92DS(05).
 Unused DF22-5S-7.92C(28)
 Unused DF22A-1416SCF
- Test cable spec:AWG 14
- Test condition: Turn on electricity under the static state and measure. (Test report # TR680E-20855)

[Reference]

Derating curve





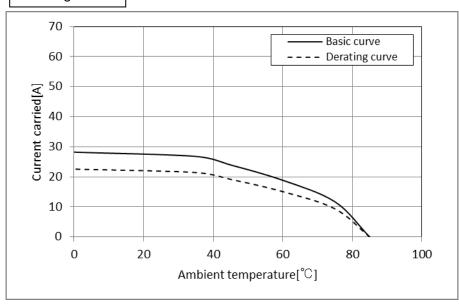
Note QT:Q	ote QT:Qualification Test AT:Assurance Test X:Applicable Test		g no.	ELC4-164777-01		
HS.	Specification sheet	Part no.	D	DF22B/C-*RS/P-7. 92		
1.0	Hirose electric co., ltd.	Hirose electric co., ltd. Code no.		CL680-	Δ	7/9

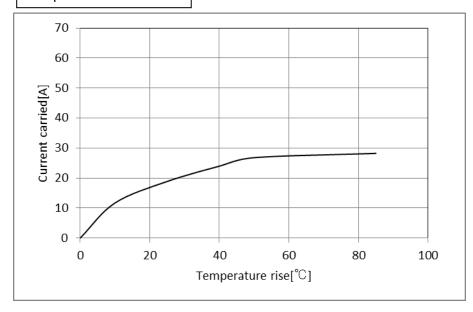
(Note 12) Measurement method of derating curve is shown below.

- Test specimen:Unused DF22-3P-7.92DS(05).
 Unused DF22-3S-7.92C(28)
 Unused DF22A-1416SCF
- Test cable spec:AWG 16
- Test condition: Turn on electricity under the static state and measure. (Test report # TR680E-20855)

[Reference]

Derating curve





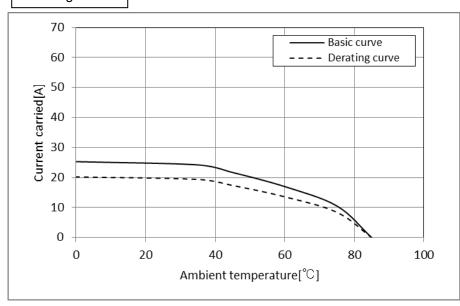
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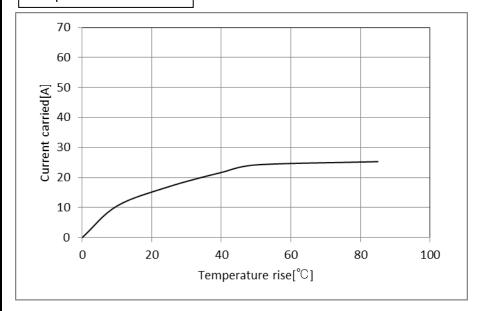
(Note 13) Measurement method of derating curve is shown below.

- Test specimen:Unused DF22-5P-7.92DS(05).
 Unused DF22-5S-7.92C(28)
 Unused DF22A-1416SCF
- Test cable spec:AWG 16
- Test condition: Turn on electricity under the static state and measure. (Test report # TR680E-20855)

[Reference]

Derating curve





Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	Drawing no. ELC4-1647			77–01	
HS.	-RS Specification sheet		D	DF22B/C-*RS/P-7.92		
	Hirose electric co., ltd.	Code no.		CL680-	Δ	9/9