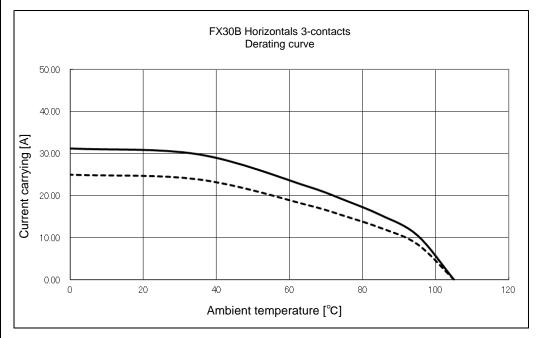
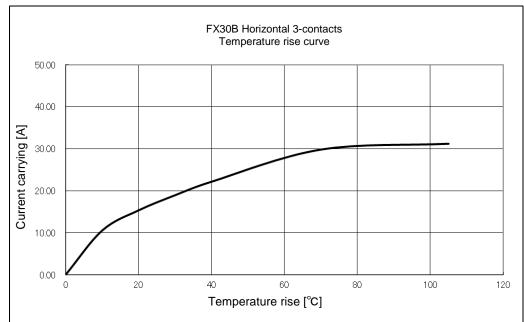
A											_	
1	pplica	able stand	ard 1	UL: UL1977, C-UL: CSA2	22.2 No.1	82.3-M1	987, 7	ΓÜV : ΕΝ6	61984:2	009 ⁽³⁾		
						T	Operating Femperature Range		-55 °C to 10			
RATI	ING	Voltage		600 V AC/DC		Operating Humidity Range		Relative Humidity 85% max (Not dewed)				
NAII	ING	Current 1		24 A (AMDILINI ILI M 25 C)			torage empera	rature Range -10 °C to 60) °C ⁽²⁾	
				18 Å (TÜV)		S	Storage Humidity Range 40 % to 70) % ⁽²⁾		
				SPEC	IFICA	TION	S					
ITEM				TEST METHOD			REQUIREMENTS				QT	AT
		CTION	lv a									1
General Examination		Visually and by measuring instrument. Confirmed visually.				According to drawing.				×	×	
Marking	_	CHARAC									×	×
	t Resist			C or 1000Hz)			2 m Ω N	1 ΔΥ			×	Τ_
	on Resis		1000 V E				1000 M				×	<u> </u>
Voltage	e Proof			AC for 1 min.				hover or b	reakdov	wn.	×	<u> </u>
		AL CHAR									-I	1
Insertio				d by applicable connector.			Insertio	n Force:	15	N MAX.	×	T -
Withdra							Withdra	awal Force	e: 0.6	N MIN.		
Mechar	nical Op	peration	100 times insertions and extractions.				 Contact Resistance: 5 m Ω MAX. No damage, crack and looseness of parts. 				×	_
Vibratio	on			cy 10 to 55 to 10Hz, approx 5						nuity of 1 μs.	×	_
			Single amplitude: 0.75 mm, 10 cycles for 3 axial directions.				2 No	damage, o	crack ar	nd looseness of parts.		
Shock			490 m/s ² , duration of pulse 11 ms, 3 times to both directions in 3 axial directions.								×	_
ENVIF	RONN	IENTAL C	HARAC	TERISTICS							1	1
Damp I	Heat		Exposed	at 40±2 °C, 90 ~ 95 %,	96 ±4h		① Con	tact Resis	stance:	5mΩ MAX.	×	_
	y State)						② Insulation Resistance: 1000 MΩ MIN. ③ No damage, crack and looseness of parts.					
Rapid C	-	of	Temperature -55 → +105 °C								×	_
Tempe	rature		Time $30 \rightarrow 30$ min.									
			under 5 c	•	NI)							
Dry heat			(Relocation time to chamber: within 2~3 MIN) Exposed at +105±2°C for 96±4h.								×	<u> </u>
Dry fleat			·									
Cold			Exposed at -55±2°C for 96±4h.								×	_
Sulfur Dioxide			Exposed at 25±2°C, 75±5%RH, 25 PPM for 96h±4h.				 Contact Resistance: 5m Ω MAX. No defect such as corrosion which impairs 				×	_
		the function of connector.										
		Resistance to Soldering Heat					the			ctor.		
		t		ath : Solder temperature 260:	±5°C		the No defo	ormation o		•	×	_
		t	for imme	ath : Solder temperature 260: rsion, duration 10±1sec. pirons : 380°C MAX. for 10 s			the No defo			ctor.	×	_
Solderii	ng Hea	t	for immer Soldering	rsion, duration 10±1sec. girons: 380°C MAX. for 10 s	ec.		No defo	ormation o erminal.	of case o	ctor. of excessive looseness		_
	ng Hea	t	for immer Soldering Soldered	rsion, duration 10±1sec.	ec.		the No defo of the to	ormation of erminal.	of case of sating of s	ctor.	×	_
Solderii Soldera	ng Hea		for immer Soldering Soldered for immer	rsion, duration 10±1sec. girons: 380°C MAX. for 10 s at solder temperature 240± rsion, duration 3 sec.	ec.		the No defo of the to A new to minimum	ormation of erminal.	of case of sating of s	ctor. of excessive looseness solder shall cover a urface being immersed.	×	 - -
Solderii Soldera	ng Hea		for immer Soldering Soldered for immer	rsion, duration 10±1sec. girons: 380°C MAX. for 10 s at solder temperature 240± rsion, duration 3 sec. ON OF REVISIONS	ec.	DESIG	the No defo of the to A new to minimum	ormation of erminal.	ating of s	ctor. of excessive looseness solder shall cover a urface being immersed. CHECKED	×	——————————————————————————————————————
Soldera	ng Hea	D	for immer Soldering Soldered for immer ESCRIPTI	rsion, duration 10±1sec. girons: 380°C MAX. for 10 s at solder temperature 240± rsion, duration 3 sec. ON OF REVISIONS -F-00001906	ec.		the No defo of the to A new to minimum	erminal. uniform coam of 95 %	ating of s	ctor. of excessive looseness solder shall cover a urface being immersed. CHECKED	DA 16. 1	2. 16
Soldera	ng Healability COUNT 4 RKS (1)	Include tempera	Soldered for immed Soldered for	rsion, duration 10±1sec. girons: 380°C MAX. for 10 s at solder temperature 240± rsion, duration 3 sec. ON OF REVISIONS -F-0001906 used by current-carrying. ustorage state	ec.	DESIG	the No defo of the to A new to minimum	erminal. uniform coam of 95 % APPROV	of case of the si	ctor. of excessive looseness solder shall cover a urface being immersed. CHECKED HT. YAMAGUCHI HS. OKAWA	DA 16. 1 14. 0	2. 16 09. 12
Soldera	ability COUNT 4 RKS (1) (2)	Include tempera "Storage" mean for the unused p	for immel Soldering Soldered for immel ESCRIPTI DIS- sture rise caus a long-term product befor	rsion, duration 10±1sec. I irons: 380°C MAX. for 10 s at solder temperature 240± rsion, duration 3 sec. ON OF REVISIONS -F-00001906 Issed by current-carrying. In storage state re assembly to PCB.	ec.	DESIG	the No defo of the to A new to minimum	aniform coam of 95 % APPROV	ating of softhe si	ctor. of excessive looseness solder shall cover a urface being immersed. CHECKED HT. YAMAGUCHI HS. OKAWA KN. SHIBUYA	DA 16. 1 14. 0	2. 16
Soldera	ability COUNT 4 RKS (1) (2)	Include tempera "Storage" mean for the unused p	for immel Soldering Soldered for immel ESCRIPTI DIS- sture rise caus a long-term product befor	rsion, duration 10±1sec. girons: 380°C MAX. for 10 s at solder temperature 240± rsion, duration 3 sec. ON OF REVISIONS -F-0001906 used by current-carrying. ustorage state	ec.	DESIG	the No defo of the to A new to minimum	erminal. uniform coam of 95 % APPROV	ating of softhe si	ctor. of excessive looseness solder shall cover a urface being immersed. CHECKED HT. YAMAGUCHI HS. OKAWA	DA 16. 1 14. 0	2. 16 09. 12
Soldera Soldera REMAI	ability COUNT 4 RKS (1) (2)	Include tempera "Storage" mean for the unused p Pollution degree	for immel Soldering Soldered for immel DIS-sture rise caus a long-term product before 22 type of te	rsion, duration 10±1sec. I irons: 380°C MAX. for 10 s at solder temperature 240± rsion, duration 3 sec. ON OF REVISIONS -F-00001906 Issed by current-carrying. In storage state re assembly to PCB.	ec.	DESIG	the No defo of the to A new to minimum	aniform coam of 95 % APPROV	ating of softhe	ctor. of excessive looseness solder shall cover a urface being immersed. CHECKED HT. YAMAGUCHI HS. OKAWA KN. SHIBUYA	DA 16. 1 14. 0 14. 0	2. 16 09. 12 09. 11
Soldera Soldera REMAI	ability COUNT 4 RKS (1) (2) (3)	Include tempera "Storage" mean for the unused p Pollution degree rwise speci	Soldered for immed Soldered for immed Soldered for immed Soldered for immediate Soldered fo	rsion, duration 10±1sec. girons: 380°C MAX. for 10 s at solder temperature 240± rsion, duration 3 sec. ON OF REVISIONS -F-00001906 Issed by current-carrying. In storage state re assembly to PCB. rminals: dip solder contacts.	ec. 3°C	DESIG TS. 00	the No deform of the to A new uminimum	uniform coom of 95 % APPROV CHECK DESIGN	ating of softhe	ctor. of excessive looseness solder shall cover a urface being immersed. CHECKED HT. YAMAGUCHI HS. OKAWA KN. SHIBUYA DK. AIMOTO	X 16. 1 14. 0 14. 0 14. 0	2. 16 09. 12 09. 11 09. 11
Soldera Soldera REMAI	ability COUNT 4 RKS (1) (2) (3) as othe QT:Qua	Include tempera "Storage" mean for the unused pollution degree rwise specialification Tes	Soldered for immed and soldering soldered for immed attree rise causes a long-term product before:2 type of terms of the standard for immediate solder.	rsion, duration 10±1sec. girons: 380°C MAX. for 10 s at solder temperature 240± rsion, duration 3 sec. ON OF REVISIONS -F-00001906 used by current-carrying. use assembly to PCB. rminals: dip solder contacts.	ec. 3°C	DESIG TS. 00	the No deform of the to A new to minimum NED ONO	APPROV CHECK DRAW	ating of sof the so	ctor. of excessive looseness solder shall cover a urface being immersed. CHECKED HT. YAMAGUCHI HS. OKAWA KN. SHIBUYA DK. AIMOTO DK. AIMOTO	DA 16. 1 14. 0 14. 0 14. 0 14. 0	2. 16 09. 12 09. 11







- (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 base 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.If used under UL or TUV standard, please use within the standard specification.
- (note 6) Measurement method of derating curve is shown below.
 - Test Specimen: used FX30B-3P-7.62DS. used FX30B-3S-7.62DS.
 - Test condition: Turn on electricity under the static state and measure. (Test report # TR570E-20682)

Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	DRAWIN	IG NO.	ELC4-359162-00		
HS	SPECIFICATION SHEET	PART NO.	FX30B-3P-7. 62DSA30			
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL570	0-3305-6-00	\triangle	2/2