	Operating	rd		Sto	orage				
Rating	Operating temperature range Operating		-35 °C to +85 °C(Note	s 1) ten	Storage temperature range -10 Storage		-10°C to +60 °C(No	-10°C to +60 °C(Note 3)	
	humidity ra	nge	20% to + 80%(Note	2) hur	midity range	e	40% to + 70%(Note		: 3)
	Voltage Applicable cable		150 V AC/DC 26 - 30 AWG	Cu	rrent	<u>_1</u>	AWG 26 : 2.5A AWG 28 : 2.0A AWG 30 : 1.0A		
			Spec	cification	IS		AWG 30 . 1.0A		
	Item		Test method	moutor		Rea	uirements	QT	ļ
Constru			rest method			iteq		S.	
	amination	Visually a	nd by measuring instrument.		Accordi	ng to drawing	I.	X	
Marking		-	Confirmed visually.						
Electric	character	ristics	•					Х	
Contact resis Aillivolt leve	stance		X, 1mA (DC or 1000Hz).		30 mΩ	2 MAX.		X	
Mechan	ical chara	acteristics							
	sertion and		.002mm by steel gauge.		Insertio	n force : 3.0	N MAX.	×	
extraction f						Extraction force : 0.3N MIN.			
Mechanical operation			50 times insertions and extractions.			 Contact resistance: 30 mΩ MAX. No damage, crack or looseness of parts. 			
Vibration		Frequency	Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 2 h, for 3 directions.			(1) No electrical discontinuity of 1 μ s.			
Shock			0.75 mm, at 2 h, for 3 directions. 490 m/s ² duration of pulse 11 ms at 3 times for			 ② No damage, crack or looseness of parts. ③ No electrical discontinuity of 1 μs. 			+
			directions.				k or looseness of parts.	X	
Environ	mental ch	naracteristic	cs				·		-
Rapid char	nge of	, Temperate	ure –55→15 to 35 →+85→1		-		e: 30 mΩ MAX.	Х	Τ
temperature /1		Under 5 c	Under 5 cycles.			② No damage, crack or looseness of parts.			
Damp heat (Steady state)		Exposed at	Exposed at 40 \pm 2 °c, 90 to 95 %, 96 h.		-	1) Contact resistance: 30 m Ω MAX.			
Stoady state	(Steady state) Corrosion salt mist		Exposed in 5 % salt water spray for 48h.		2 110 0	o damage, crack or looseness of parts. ontact resistance: 60 mΩ MAX.			
-		Exposed i	n 5 % salt water spray for 48	h.	① Con	tact resistanc	e: 60 mΩ MAX.	X	
-		Exposed i	n 5 % salt water spray for 48	h.	-	tact resistanc		Х	
Corrosion s Sulphur dia Remarks Note 1: Inclu Note 2: No c Note 3: Appl	oxide de the temper condensing. y to the conditi	Exposed i ature rising by cu	n 10 ppm for 96h rrent. torage for unused products befo	re mounted on F	2 No I 1 Con 2 No I 2 No I	neavy corrosi tact resistanc neavy corrosi	on. e: 60 mΩ MAX. on.	X	
Sulphur die Remarks Note 1: Inclu Note 2: No c Note 3: Appl	oxide de the temper condensing. y to the conditi	Exposed i ature rising by cu	n 10 ppm for 96h rrent.	re mounted on F	2 No I 1 Con 2 No I 2 No I	neavy corrosi tact resistanc neavy corrosi	on. e: 60 mΩ MAX. on.		
Corrosion s Sulphur dia Remarks Note 1: Inclu Note 2: No c Note 3: Appl	salt mist oxide de the temper ondensing. y to the conditi mounted on PO	Exposed i ature rising by cu ion of long term s CB, operation ten	n 10 ppm for 96h rrent. torage for unused products befo	re mounted on F applied for interi	2 No I 1 Con 2 No I 2 No I	neavy corrosi tact resistanc neavy corrosi	on. e: 60 mΩ MAX. on.	×	ate
Corrosion s Sulphur did Remarks Note 1: Inclu Note 2: No c Note 3: Appl After After	int	Exposed i ature rising by cu ion of long term s CB, operation ten	n 10 ppm for 96h rrent. torage for unused products befo pperature and humidity range is a	re mounted on F applied for interi Des	2 No I	neavy corrosi tact resistanc neavy corrosi	on. e: 60 mΩ MAX. on. ation.	×	ate
Corrosion s Sulphur did Remarks Note 1: Inclu Note 2: No c Note 3: Appl After After	int	Exposed i ature rising by cu ion of long term s CB, operation ten	n 10 ppm for 96h rrent. torage for unused products befo pperature and humidity range is a	re mounted on F applied for interi Des	2 No I 1 Con 2 No I CB. m storage of storage of	neavy corrosi tact resistanc neavy corrosi	on. e: 60 mΩ MAX. on. ation.	X	905
Corrosion s Sulphur did Remarks Note 1: Inclu Note 2: No c Note 3: Appl After After	int	Exposed i ature rising by cu ion of long term s CB, operation ten	n 10 ppm for 96h rrent. torage for unused products befo pperature and humidity range is a	re mounted on F applied for interi Des	2 No I 1 Con 2 No I CB. m storage of storage of	heavy corrosin tact resistance heavy corrosin during transport	on. e: 60 mΩ MAX. on. ation. Checked SZ. 0N0	D. 2019	905 912
Corrosion s Gulphur did Remarks Jote 1: Inclu Jote 2: No c Jote 3: Appl After After	int	Exposed i ature rising by cu ion of long term s CB, operation ten	n 10 ppm for 96h rrent. torage for unused products befo pperature and humidity range is a	re mounted on F applied for interi Des	2 No I 1 Con 2 No I CB. m storage of storage of	neavy corrosid tact resistance during transport during transport Approved	on. e: 60 mΩ MAX. on. ation. Checked SZ. 0N0 TS. SAKATA	D. 2019 2009	905 912 912
Corrosion s Gulphur did Remarks Jote 1: Inclu Jote 2: No c Jote 3: Appl After After	int	Exposed i ature rising by cu ion of long term s CB, operation ten	n 10 ppm for 96h rrent. torage for unused products befo pperature and humidity range is a	re mounted on F applied for interi Des	2 No I 1 Con 2 No I CB. m storage of storage of	neavy corrosid tact resistance neavy corrosid during transport during transport Approved Checked	on. e: 60 mΩ MAX. on. ation. Checked SZ. 0N0 TS. SAKATA TS. FUKUSHIMA	D. 2019 2009	905 912 912 912
Corrosion s Sulphur did Remarks Note 1: Inclu Note 2: No c Note 3: Appl After After 2 Jnless ot	int herwise spe	Exposed i ature rising by cu ion of long term s CB, operation ten Descriptio	n 10 ppm for 96h rrent. torage for unused products befo pperature and humidity range is a	re mounted on F applied for interi Des HT.	2 No I 1 Con 2 No I CB. m storage of storage of	neavy corrosid tact resistance neavy corrosid during transport during transport Approved Checked Designed Drawn	on. e: 60 mΩ MAX. on. ation. Checked SZ. 0N0 TS. SAKATA TS. FUKUSHIMA KT. ISHII	D. 2019 2009 2009 2009	905 912 912 912 912
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