

In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

TO

Count	REVISIONS	BY	CHKD	DATE	Count	REVISIONS	BY	CHKD	DATE
Δ					Δ				
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APPLICABLE STANDARD	VOLTAGE		AC 250 V		APPLICABLE CABLES	
	CURRENT	POWER	CONTRACT No.	DC	IMPEDANCE RANGE	FREQUENCY RANGE
			3 A		Ω (0 ~	HZ)
	SPECIALTY					OPERATING TEMPERATURE RANGE

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT.	AT
1	DESIGN-MATERIAL-FINISH	Applicable std. and dc-3 - 160092-02		-	-	-	○	○
2	MARKING			-	-	-	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 500V.	MIL-STD-1344	1000	-	MΩ	○	-
4	CONTRACT UNIT CONTRACT	The voltage drop must be under the std. value at DC 0.1 A.	MIL-STD-1344	-	30	mΩ	○	-
		The voltage drop must be under the std. value at DC A.		-	-	mΩ	-	-
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC 650V for one minute.	MIL-STD-1344	-	-	-	○	-
6	LOW LEVEL CIRCUIT	The Contact Resistance must be under the std. value at DC20mV less and		-	-	mΩ	-	-
7	ONV CIRCUIT	Must have conductivity in alternate current at DC AV.		-	-	-	-	-
8	CONTRACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the std. value at applicable gauge.		-	-	gf	-	-
		Must be suitable for the std. value.		-	-	Kgf	-	-
9	HUMIDITY	Insulation resistance must be over the std. value at 40±2°C 90 ~ 95 x 96 hours.	MIL-STD-1344	1000	-	MΩ	○	-
10	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10- 55 Hz, amplitude 0.75mm.—G at 2hours for 3directions.	MIL-STD-1344	-	-	-	○	-
		Must have no damage, crack and looseness of parts after 3 cycles at 400 1/3sin 3 directions.	MIL-STD-1344	-	-	-	○	-
11	SHOCK	Must have no damage, crack and looseness of parts for -55 ~ +85°C 5 cycles.	MIL-STD-1344	-	-	-	○	-
12	TEMPERATURE CYCLING	Must be less than the std. value after 30 insertion and extraction cycles at the condition described in above item No.4.	MIL-STD-1344	-	30	mΩ	○	-
13	DURABILITY UNIT CONTRACT	Must not have heavy corrosion after salt water spray for 194.3.24 hours.		-	-	-	-	-
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after salt water spray for 194.3.24 hours.		-	-	-	-	-
15	H2S-EXPOSURE	Must not have heavy corrosion after 194.3.24 hours.		-	-	-	-	-
16	SO2-EXPOSURE	Must not have heavy corrosion after 194.3.24 hours.		-	-	-	-	-

Notes: 1
This temperature includes a rise by heat's generation of connector when electricity passes.

REMARKS	APPROVED	<i>H. Saitoh</i>	194.3.25	ISSUED BY
	REVIEWED			
	CHECKED	J. Oma	194.3.25	
	DESIGNED	M. Saitoh	194.3.24	
DRAWN	M. Saitoh	194.3.24		
DRAWING NO.	SLC4-160092-02	SPECIFICATION SHEET	PART NO.	DFIB-XDS-2.5RC
			CODE No.	0600 4
			CL541-0650	-2-

HRS
HIRSE ELECTRIC CO., LTD.

