

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

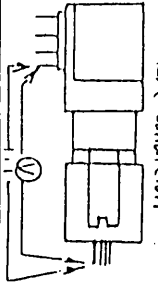
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APPLICABLE STANDARD		APPLICABLE CABLES	
VOLTAGE	CONTRACT No. AC 230V DC V	UL2789	AWG No.28
CURRENT	CONTRACT No. / ~ 20 0.5 A	IMPEDANCE FREQUENCY RANGE	Ω (0 ~ Hz)
POWER		OPERATING TEMPERATURE RANGE	-55℃ ~ 85℃
SPECIALTY			

### SPECIFICATIONS

No.	ITEM	CONDITIONS		TEST STANDARD	MIN	MAX	UNITS	QT	AT
		ADC	DC						
1	DESIGN-MATERIAL-FINISH	Applicable std. and DC3-42472							
2	MARKING								
3	INSULATION RESISTANCE	Must be over standard value at DC 500 V.		MIL-STD-202 -302 A	500		MΩ	○	○
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC 0.1 A.					MΩ	○	○
4	CONTACT	The voltage drop must be under the Std. value at DC A.					MΩ	○	○
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the AC 500 V for one minute.		MIL-STD-202 -301				○	○
6	V S W R	Must be under the Std. value at frequency ~ Hz.							
7	INSERTION LOSS	Must be under the Std. value at frequency ~ Hz.					dB		
8	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC20mV less and mA.					mΩ		
9	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. value at applicable gauge.					gf		
9	MATING AND UNMATING FORCES	Must be suitable for the Std. value.			0.8	3.0	Kgf	○	
10	HUMIDITY	Insulation resistance must be over the Std. value at 40℃ 90%RH ~ 95%RH 96 hours.		MIL-STD-202 -103 (B)	100		MΩ	○	
11	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range/0~55 Hz, Total amplitude/52mm-G at 2 hours for 3 directions.		MIL-STD-202 -201 A				○	
12	SHOCK	Must have no damage, crack and looseness of parts 50 G at 3 times for 3 directions.		MIL-STD-202 -203 B (A)				○	
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55℃ ~ 85℃ 5 cycles.		MIL-STD-202 -102A (D)				○	
14	DURABILITY	Must be less than the Std. value after 1000 times insertion and extraction at the condition described in above item No.4.					MΩ	○	
14	CONTACT	Unit CONTACT					MΩ	○	
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 X salt water spray for 48 hours.		MIL-STD-202 -101B (B)				○	
16	WATER PRESSURE WITHSTANDING	No leakage at depth m Kgf/cm <sup>2</sup> hours.							
17	AIR PRESSURE WITHSTANDING	No leakage at pressure Kgf/cm <sup>2</sup> min sec							

REMARKS  
 Contact resist. (10)  
 Test condition



APPROVED	REVIEWED	CHECKED	DESIGNED	DRAWN
A. Nakamura	S. Kikuchi	M. Nakamura	N. MISIMATU	
10.10.90	10.7.90	10.11.90	10.4.90	

**HRS**  
 HIROSE ELECTRIC CO., LTD.

ISSUED BY

DRAWING NO. SLC4-42472- SPECIFICATION SHEET

PART No. DX30AM-20P

CODE No. CL230-5025-7-