

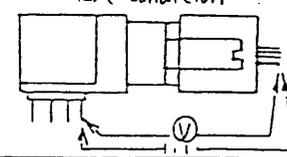
Aug. 1. 2025 Copyright 2025 HIROSE ELECTRIC CO., LTD. All Rights Reserved. In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

△	△	△	△	△	△	△	△	△	△
△									
△									

APPLICABLE STANDARD									
RATING	VOLTAGE	CONTACT NO. / ~ 20	AC 250 V DC V	APPLICABLE CABLES		UL2789 AWG No.28			
	CURRENT	CONTACT 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
1	DESIGN-MATERIAL-FINISH	ADC		-	-	-	○	○
2	MARKING	Applicable Std. and DC ³ -42472		-	-	-	○	○
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.		-	35	mΩ	○	○
	Unit CONTACT 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 SWR	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. gauge size value at applicable gauge.		-	-	gf	-	-
	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 ~ 95% 96 hours.	MIL-STD-202 -103 (B)	1	-	MΩ	○	-
		at high humidity after high humidity		100	-	MΩ	○	-
11	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10 ~ 55 Hz, Total amplitude 1.52mm, -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 -213 B (A)	-	-	-	○	-
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55 ~ 85℃ 5 cycles.	MIL-STD-202 -102 A (D)	-	-	-	○	-
14	DURABILITY	Must be less than the Std. value after 1,000 times Insertion and extraction at the condition described in above item No.4.		-	-	-	○	-
	Unit CONTACT CONTACT			-	35	mΩ	○	-
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 x salt water spray for 48 hours.	MIL-STD-202 -101 D (B)	-	-	-	○	-
16	WATER PRESSURE WITHSTANDING	No leakage at depth m kgf/cm ² hours.		-	-	-	-	-
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kgf/cm ² mmHg		-	-	-	-	-

REMARKS (10) Contact resistance test condition 	APPROVED	A. Nakamura	10.4.90		ISSUED BY
	REVIEWED	S. Kikuta	10.4.90		
	CHECKED	M. Nakamura	10.4.90		
	DESIGNED	N. NISIMATU	10.4.90		
	DRAWN				
DRAWING No. SLC4-42472-				PART No. DX30AM-20P	
SPECIFICATION SHEET				CODE No. CL230-5025-7-	