Mar.1.2026 Copyright 2026 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	OPERATING TEMPERATURE RANGE	− ℃ TO − ℃	STORAGE TEMPERATURE RANGE	− ℃ TO − ℃
	VOLTAGE	350 V AC , 490 V DC	OPERATING HUMIDITY RANGE	− % TO − %
	CURRENT	−	APPLICABLE CABLE	−

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS				
INSULATION RESISTANCE	500 V DC.	5000 MΩ MIN.	×	×
VOLTAGE PROOF	1250 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	×
MECHANICAL CHARACTERISTICS				
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 2h, FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 10 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
SHOCK	490 m/s^2 DIRECTION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		×	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 25 → 85 → 25 ℃. TIME 30 → 10～ 15 → 30 → 10～15 min UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40℃ , 90～95 % , 96 h.	1) INSULATION RESISTANCE: 10 MΩ MIN (AT HIGH HUMIDITY). 1000 MΩ MIN (AT DRY). 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
A					

REMARK

Unless otherwise specified, refer to JIS C 5402.

APPROVED	HO. MIWA	06. 07. 26
CHECKED	HO. MIWA	06. 07. 26
DESIGNED	YH. ENAMI	06. 07. 26
DRAWN	YH. ENAMI	06. 07. 26

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC4-009409-01

HRS	SPECIFICATION SHEET	PART NO.	CDB-25P(05)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL211-0211-6-05 A	1/1

FORM HD0011-2-1