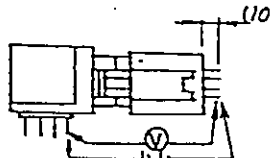


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE													
△					△																	
△					△																	
<div style="display: flex; justify-content: space-between;"> <div> APPLICABLE STANDARD <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td rowspan="3" style="width:15%;">RATING</td> <td style="width:25%;">OPERATING TEMPERATURE RANGE</td> <td style="width:25%;">-55 ℃ TO 85 ℃</td> <td style="width:25%;">STORAGE TEMPERATURE RANGE</td> <td style="width:10%;">- ℃ TO - ℃</td> </tr> <tr> <td>VOLTAGE</td> <td>AC 250 V</td> <td>OPERATING HUMIDITY RANGE</td> <td>- % TO - %</td> </tr> <tr> <td>CURRENT</td> <td>0.5 A</td> <td>APPLICABLE CABLE</td> <td>UL2789 AWG No.28</td> </tr> </table> </div> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">SPECIFICATIONS</div> </div>										RATING	OPERATING TEMPERATURE RANGE	-55 ℃ TO 85 ℃	STORAGE TEMPERATURE RANGE	- ℃ TO - ℃	VOLTAGE	AC 250 V	OPERATING HUMIDITY RANGE	- % TO - %	CURRENT	0.5 A	APPLICABLE CABLE	UL2789 AWG No.28
RATING	OPERATING TEMPERATURE RANGE	-55 ℃ TO 85 ℃	STORAGE TEMPERATURE RANGE	- ℃ TO - ℃																		
	VOLTAGE	AC 250 V	OPERATING HUMIDITY RANGE	- % TO - %																		
	CURRENT	0.5 A	APPLICABLE CABLE	UL2789 AWG No.28																		
ITEM		TEST METHOD			REQUIREMENTS			QT	AT													
CONSTRUCTION																						
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			○	○													
MARKING		CONFIRMED VISUALLY.						○	○													
ELECTRICAL CHARACTERISTICS																						
CONTACT RESISTANCE		100 ΩA (DC OR 1000 Hz).			35 Ω MAX. 1			○	○													
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.		20 mV MAX. — ΩA (DC OR 1000 Hz).						-	-													
INSULATION RESISTANCE		500 V DC			500 MΩ MIN.			○	○													
VOLTAGE PROOF		500 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			○	○													
MECHANICAL CHARACTERISTICS																						
CONTACT INSERTION AND EXTRACTION FORCES		— BY STEEL GAUGE.			INSERTION FORCE — N MAX. EXTRACTION FORCE — N MIN.			-	-													
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE 29.4 N MAX. EXTRACTION FORCE 7.8 N MIN.			○	-													
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS. 1			① CONTACT RESISTANCE: 35 Ω MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS			○	-													
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.76 ms. ² AT 2 h FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 10 ps. ② CONTACT RESISTANCE: — Ω MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○	-													
SHOCK		490 ms. ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTION.						○	-													
ENVIRONMENTAL CHARACTERISTICS																						
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 ~ -5 ~ 35 ~ 85 ~ -5 ~ 35 ℃ TIME 30 ~ 10 ~ 15 ~ 30 ~ 10 ~ 15 min UNDER 5 CYCLES.			① CONTACT RESISTANCE: — Ω MAX. ② INSULATION RESISTANCE: — MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○	-													
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ℃, 90 ~ 95 % H. 96 h.			① CONTACT RESISTANCE: — Ω MAX. ② INSULATION RESISTANCE: 2 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○	-													
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			① CONTACT RESISTANCE: — Ω MAX. ② NO HEAVY CORROSION.			○	-													
HYDROGEN SULPHIDE		EXPOSED IN — PPM FOR — h. (TEST STANDARD: JEIDA-38)						-	-													
<div style="display: flex; justify-content: space-between; align-items: flex-start; padding: 10px;"> <div style="width: 30%;"> ① CONTACT RESISTANCE TEST POSITION  </div> <div style="width: 30%;"> ② AT DRY AT HIGH HUMIDITY </div> <div style="width: 30%; text-align: right;"> 100 MΩ MIN. 1 MΩ MIN. </div> </div>																						
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED														
Unless otherwise specified, refer to JIS C 5402. Note QT: Qualification Test AT: Assurance Test ○: Applicable Test				H. Tanaka	H. Tanaka	H. Tanaka	S. Tanaka															
				96.4.22	96.4.22	96.4.22	96.4.22															
HS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. DX 40M-20P															
CODE NO. (OLD) CL		DRAWING NO. ESLC4-43316			CODE NO. CL 230-5033-5			1/1														

