APPLICA	ABLE STAN		TÜV, and UL certifcation pl	lanned	1.2			1				
Operating Ter Rang Voltag Rating Currer		e	AC 600V , DC 600V - 16A (1.25mm² cable)		Sto	rage Temperature Range			-10°C to +60°C			
					A	Applicable Cable			1.25mm <sup>2</sup> (AWG16) 2mm <sup>2</sup> (AWG14) 3.5mm <sup>2</sup> (AWG12) 5.5mm <sup>2</sup> (AWG10)			
			SPEC	CIFICA	MOIT	S						
	TEM		TEST METHOD				F	REQU	IREMENTS	QT	АΊ	
CONST	RUCTION	•				•				•		
General Examination		Examined visually and with a measuring instrument.				According to the drawing.				Х	Х	
Marking	IOAL OLIAF		d visually.					-		Х	Х	
Contact Re		RACTERISTICS				4OMY					1	
		Measured at DC 1A.				1mΩ MAX.				X	=	
Insulation Resistance		Measured at DC 500V.				1000MΩ MIN.				Х	ļ —	
Voltage Proof		AC 2500V applied for 1min.(NECA C 2811)				No flashover or breakdown.				Х	_	
Short-Time Withstand Current Test		Measured at 150A applied for 1s. (1.25mm² cable) Measured at 240A applied for 1s. (2mm² cable) Measured at 420A applied for 1s. (3.5mm² cable) Measured at 660A applied for 1s. (5.5mm² cable) (JIS C 8201)				Contact Resistance: 1.5 m $\Omega$ MAX.				х	_	
	VICAL CHA	RACTE	RISTICS							•		
	act Insertion	Measured with an applicable connector.				Insertion Force: 70N MAX.					_	
and Extraction Forces  Mechanical Operation		Contact Inserted and Extracted 50 times.				2) Co	looseness of parts. 2) Contact Resistance: 1.5mΩ MAX.			х	_	
Vibration 3		Frequency: 10 Hz to 55 Hz Single amplitude: 0.75 mm Performed two hours in each of three mutually perpendicular directions. (MIL-STD-1344 Method 2005, Condition 2)			у	<ol> <li>No electrical disconuity of 10µs.</li> <li>No damage, cracks, or looseness of parts.</li> </ol>				х	_	
Shock		Acceleration: 500 m/s <sup>2</sup> Half sine wave pulses of 11 ms. Performed five times both ways in each of thre mutually perpendicular directions.								x	_	
Contact Re	tention Force	A 150N pulling force was applied to the connection side. (NECA C 2811)				No damage.				Х	_	
ENVIRO	NMENTAL	CHARA	CTERISTICS									
Damp Heat (Steady State)		Subjected to 40±2°C, at a humidity 90% to 95%, for 96 hours. Returned to room temperature and normal humidity, and removed of any water. (NECA C 2811)			normal C 2811)	<ol> <li>Insulation Resistance: 20MΩ MIN.</li> <li>Voltage Proof: AC 2500V applied for 1min. No flashover or breakdown.</li> <li>No damage, cracks, or looseness of parts.</li> </ol>				х	_	
Heat and Cold Resistance		Subjected to -25±3°C for 2 hours. Returned to room temperature for 1 hour. Subjected to 70±3°C for 2 hours. (NECA C 2811)			HOOH	2) Vo No	sulation Resistance: 20MΩ MIN.  oltage Proof: AC 2500V applied for 1min. oltashover or breakdown. oldamage, cracks, or looseness of parts.					
Ageing Tes		16A (1.25mm² cable) 21A (2mm² cable) 30A (3.5mm² cable) 40A (5.5mm² cable) With the rated current shown above applied, subjected to the following cycle 192 times. Subjected to 40±3°C for 10 minutes, cooled to 30°C and left for 10 minutes. (JIS C 8201)				2) No	No damage, cracks, or looseness of parts.				_	
COU	NT DE				DESIG				CHECKED		DATE	
<u>∕3</u> 1		DIS-C-00003876			EK. KIDO		TP. KOMATSU		20200311			
Notes  (1) Above specifications show the values in assembled condition with							APPROVED		YH. YAMADA	201708		
(1)	applicable crimp				CHECKE			TP. KOMATSU	201708			
(2)	Including temper	ature rise ca	se caused by current carrying.			DESIGNED			HT. ZENBA	2017083		
Unless otherwise specified, refer to I			IEC 60512 (JIS C 5402).			DRAWN		۷N	EK. KIDO	20170830		
Note QT:	Qualification Te	st AT:Assurance Test X:Applicable Test			DRAWIN		, , , , , , , , , , , , , , , , , , , ,			_C-119728-00-00		
HS.	S	SPECIFICATION SHEET			PART	NO.			EF2-D30-1			
11 <b>~</b>		OSE ELECTRIC CO., LTD.			CODE NO.		CL142-0103-0-00			◬	1/1	
FORM UDOO11 O 1		·				<u> </u>			_	_		