-								
	1	2	3	4	5	6		
		DIN DOVOR for	nala connector	Rolls / EN	Installation of crimp contac	ts		
А	HARTING	DIN homer lei	nale connector	RoHS c	lus			
					Fitting the crimp contacts			
					automatic crimping machine	nto the contacts with the help of a crimping to the contacts should be correctly oriented and		
	General information	: :	÷			nnector moulding in the required configuration. firmly held in place. A light pull on the wire as		
	 Design	IEC 60603-2	types: 2F female		the correct tensile strength	h of the contact. When using stranded wires wi		
	No. of contacts	max. 24			gauge below 0.37 mm ² an in:	sertion tool is necessary.		
	Contact spacing	5,08 mm	3,81mm between rows	,	Removing the crimp contacts	<u>s</u> d into a slot on the side of the respective crir		
	Test voltage	1550V			This action compresses the	contact retaining spring therefore the contact		
	Contact resistance	max. 15mOhm				sing a light pull on the wire. This action will ca e which can be repositioned/refitted as necessa		
В	Insulation resistance	min. 10º20hm				damage to the contact whe which can be repositioned refined as necessar		
	Working current	max. 6A at 20°C (see derating dia	gram)					
	Temperature range Termination technology	-55°C +125°C			—			
		crimp min. 1,6 mm			—			
		min. 3,0 mm						
	Insertion and withdrawal force	24-pole max. 37N			—			
		- PL1 acc. to IEC 60603-2 =>	500 mating cycles	,	—			
	Mating cycles	- PL2 acc. to IEC 60603-2 =>	400 mating cycles					
	UL file	E102079						
C	RoHS – compliant	Yes						
	Leadfree	Yes						
	Hot plugging	No						
	Insulator material	• • • •	<u>.</u>		<u> </u>			
	Material	PC (thermoplastics, glass fiber re	nforcement 30%)					
	Colour	RAL 7032 (grey)						
	UL classification Material group acc. to IEC 60664-1	UL 94-V0 IIIa (175 <u><</u> CTI < 400)			—			
D		I2, F1			—			
					—			
	Contact material				_			
	Contact material	Copper alloy			—			
	Plating termination zone	Ni		,	—			
	Plating contact zone	Au over PdNi over Ni						
	Derating diagram acc. to IEC 60512-5 (Curre	nt carrying canacity)			<u> </u>			
E		—						
	The current carrying capacity is limited by temperature of materials for inserts and c			<u> </u>				
	terminals. The current capacity curve is valid for cont							
	interrupted current loaded contacts of con	nectors when	5					
	simultaneous power on all contacts is given the maximum temperature.	, without exceeding						
	-		Electrical Load [A]		All Dimensio			
	Control and test procedures according to D	IN IEL 60512-5			Original Siz			
					All rights re	eserved Created by Inspected by HAGEMEYERE TADJE		
				+++++	Department EC PD	D – DE Title		
F					l	DIN power female con		
			0 20 40 60	80 100 120 °C	HARTING Electronics GmbH			
			Temperat	ורפ (°C) ו	D-32339 Espelkamp	^{Type} []S Number 09062		
	1	2	3	1	5	4		

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