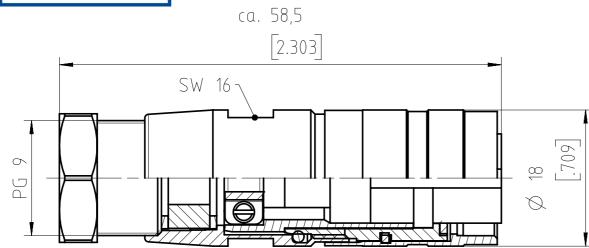
INDUSTRIAL@AMPHENOL TRUSTED GLOBALLY



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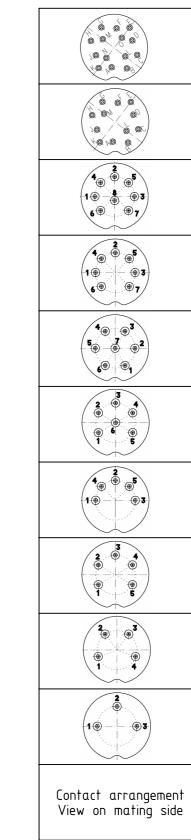
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~	Number of contacts	Standard	3	4	5	5S	6	7	7	8	12	14	
D	Contact arrangement	DIN EN 61076-2-106	03-a	04-a	05-a	05-Ь	06-a	07-a	07-Ь	08-a	12-a	14-a	
	Contact arrangement	IEC 60130-9"			-			-		_	1	-	
	Rated voltage ²⁾	IEC 60664-1	300 V (100 V)		300 V (63 V)	100 V (32 V)) V V)	100 V (32 V)		1) V V)	
	Rated voltage	UL 1977	250 V							60 V			
	Rated impulse withstand voltage ²⁾	IEC 60664-1		1500 V 1200 V 1500 V (840 V) (500 V) (840 V)					1200 V (500 V)				
	Pollution degree ²⁾	IEC 60664-1	1 (3 ³⁾)										
	Installation category	IEC 60664-1											
С	Insulation group	IEC 60664-1	II, 400 ≤ CTI < 600										
	Current rating	IEC 60512-5-2 UL 1977	5A/+40°C/+104°F 3A/+40°C/+10								C/+104°F		
	Insulation resistance	IEC 60512-3-1	>10 ¹⁰ Ohm ⁴⁾										
	Contact resistance	IEC 60512-2-1		•				Ohm					
	Climatic category	IEC 60668-1				1	40 / 10	00 / 56	1				
	Temperatur range	IEC 60668-1	-40°C+100°C / -40°F+212°F										
	salt spray resistance	DIN IEC 60068-2-11			1	1		0h	1				
	IP degree	IEC 60529	IP 67 / IP 65 (in mated condition)										
	Insertion and withdrawal force	IEC 60512-13-2	25N	30N	3	5N	50N		5N	60N	5(0N	
	Mechanical operation	IEC 60512-9-1	silver ≥500 mating cycles gold ≥1000 mating cycles										
B	Housing material		brass and / or die cast, nickel plated										
	Dielectric material		thermoplastic										
	Contacts		silver or gold plated, please order contacts separately acc. to drawing M-N 02 015 00XX X (3-8pol) or M-N 02 010 0158 X U (12-14pol)										
	Termination technique		crimp										
	Wire gauge	$2.6 \text{ pol} (axclusive 55), 0.09-10 \text{mm}^2 / 28-18 / 100 \text{mm}^2$											
	Flamability		UL 94 VO										
	locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling; tightening torque 0,7Nm										
	 ⁹ Edition 2000-05 ² values in brackets are according to DIN EN 61076-2-106 ³ designed acc. pollution degree 2; can be used under pollution degree 3 when the rules of IEC 60644-1 are fulfilled ⁴ under operating conditions >10⁹ Ohm 												
	All technical data have been measured in a laboratory environment and can be different during pratical usage of the product. Any product information is for descriptive usage only and not legally binding; particulary the information does not constitute or provide any legal guaranties. Do not connect or disconnect under load. Metal housing parts shall be securely incoporated to protected ground. Parts according to directive 2002/95/EG (RoHS).												
	Do not connect or disconnect	under load. Metal housing pa	rts shall	be sécur	ely incop	orated to	protecte	ed ground		, ,	2		

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Gewic	ht (errechnet) <i>I Calc</i> D Prüfmaß <i>I Tes</i>	Zul. Abw	ı.l Tolerances :				
Teileindex Partindexnumber						DIN / ISO 13715	
				2014	Datum <i>l Date</i>	Name	
				Gez.	07.07	Mahalaaa	
				Drawn	27.06.	Mohrlang	
				Gepr.			
				Checked			
				Δm	phenol	-Tucho	
					•		
01	201400467	27.06.14	IM	Elec	tronics	s Gmbl	
Index	Änderungl Description	Datum <i>l Date</i>	Name				

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	2		/							
	14 (14-a)	C091	11D014	001	2	U	F			
	12 (12-a)	C091	11D012	001	2	U				
	8 (08-a)	C091	11D008	001	2	U				
	7 (07-Ь)	C091	11D107	001	2	U	Ε			
	7 (07-a)	C091	11D007	001	2	U				
	6 (06-a)	C091	11D006	001	2	U	D			
	5 (05-b)	C091	11D105	001	2	U				
	5 (05-a)	C091	11D005	001	2	U				
	4 (04-a)	C091	11D004	001	2	U	С			
	3 (03-a)	C091	11D003	001	2	U				
	Number of contacts (Contact arrangement acc. IEC 61076-2-106)									
	Maßstab / Scale : 2:	1	A3	\in]€	€				
50	CUSTOMER DRAWING									
	 ™ Kabeldose PG9									
ung	female cable connector									
nel bH										

Mouser Electronics

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