



Number of contacts	Standard	3	4	5	5S	6	7	7	8	12	14	
Contact arrangement	DIN EN 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a	
Contact arrangement	IEC 60130-9 <sup>1)</sup>	yes	no	yes	no	yes	no	yes	no			
Rated voltage <sup>2)</sup>	IEC 60664-1	300 V (100 V)	300 V (63 V)	100 V (32 V)	300 V (63 V)	100 V (32 V)	150 V (32 V)	150 V (32 V)	1200 V (800 V)	150 V (32 V)	150 V (32 V)	
Rated voltage	UL 1977	250 V						60 V				
Rated impulse withstand voltage <sup>2)</sup>	IEC 60664-1	1500 V (1500 V)	1200 V (800 V)	1500 V (1500 V)	1500 V (1500 V)	1200 V (800 V)	1200 V (800 V)	1200 V (800 V)	1200 V (800 V)	1200 V (800 V)	1200 V (800 V)	
Pollution degree <sup>2)</sup>	IEC 60664-1	1 (2)										
Installation category	IEC 60664-1	I										
Insulation group	IEC 60664-1	II, 400 ≤ CTI < 600										
Current rating	IEC 60512-5-2 UL 1977	10A/+40°C	7A/+40°C					3A/+40°C				
Insulation resistance	IEC 60512-3-1	>10 <sup>10</sup> Ohm <sup>3)</sup>										
Contact resistance	IEC 60512-2-1	<5m Ohm										
Climatic category	IEC 60668-1	40 / 100 / 56										
Temperatur range	IEC 60668-1	-40°C...+100°C / -40°F...+212°F										
IP degree	IEC 60529	IP 40										
Insertion and withdrawal force	IEC 60512-13-2	25N	30N	35N	50N	55N	60N	50N				
Mechanical operation	IEC 60512-9-1	silver ≥500 mating cycles gold ≥1000 mating cycles										
Housing material		brass and / or zinc die cast, nickel plated or thermoplast										
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		0,09-1,0mm <sup>2</sup>	0,09-0,75 mm <sup>2</sup>	0,09-1,0 mm <sup>2</sup>	0,09-0,75mm <sup>2</sup>			0,09-0,25mm <sup>2</sup>				
Flamability		UL 94 V0										
locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling; tightening torque 0,7 - 1,5 Nm										

<sup>1)</sup> Edition 2000-05  
<sup>2)</sup> values in brackets are according to DIN EN 61076-2-106  
<sup>3)</sup> under operating conditions >10<sup>8</sup> Ohm

Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground. All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particularly the information does not constitute or provide any legal guaranties ("Beschaffungsgarantie" or "Haltbarkeitsgarantie").

	14 (14-a)	T 3651 554 U
	12 (12-a)	T 3636 554 U
	8 (08-a)	T 3505 554 U
	7 (07-b)	T 3485 554 U
	7 (07-a)	T 3476 554 U
	6 (6-a)	T 3401 554 U
	5 (05-b)	T 3357 554 U
	5 (05-a)	T 3361 554 U
	4 (04-a)	T 3301 554 U
	3 (03-a)	T 3261 554 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	Part number

Gewicht (errechnet) / Calc WT: 0,028 kg	Zul. Abw./Tolerances:	Maßstab / Scale: 2:1	A3	
Prüfmaß / Testdimension	ISO 2768-c	CUSTOMER DRAWING		
Teileindex / Partindexnumber:				
Bagatelle change:				
Gez. Drawn: 04.11.2022	Gepr. Checked: 04.11.2022	Female cable connector		
MCARLE	MBERTSCH	Female cable connector		
Status: Released				
Amphenol Tuchel Industrial GmbH		M DA T 3XXX 554 U	Blatt / Sheet 1	
01	202200022	04.11.2022	MCARLE	1 Bl.
Index	Änderung / Description	Datum / Date	Name	Ers. f. / Replacement for:

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