



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)					
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)		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 60068-1	40 / 100 / 56										
Temperatur range	IEC 60068-1	-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 01 015 00XX X (3-8pol) or M-N 01 010 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>	0,09-1,0m m <sup>2</sup>	0,09-0,75mm <sup>2</sup>		0,09-0,25mm <sup>2</sup>				
Flamability		UL 94 V0										
locking system		bayonet										

<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

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. Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground. Parts according to directive 2002/95/EG (RoHS).

	14 (14-a)	T 3644 551 U
	12 (12-a)	T 3624 551 U
	8 (08-a)	T 3524 551 U
	7 (07-b)	T 3444 551 U
	7 (07-a)	T 3434 551 U
	6 (06-a)	T 3424 551 U
	5 (05-b)	T 3394 551 U
	5 (05-a)	T 3374 551 U
	4 (04-a)	T 3324 551 U
	3 (03-a)	T 3274 551 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. IEC 61076-2-106)	Part number

Gewicht (errechnet) / Calc WT: 22,36 g		Zul. Abw./Tolerances:		Maßstab / Scale: 2:1 2:1		A3			
Prüfmaß / Testdimension		ISO 2768-c		DIN / ISO 13715		CUSTOMER DRAWING			
Teileindex / Partindexnumber:									
Bagatelle change:		Gez. 04.11.2022		Drawn MCARLE		Male cable connector for cable diameter 4-6mm			
		Status Released		Gepr. 04.11.2022					
		Checked MBERTSCH							
01 202200022		04.11.2022		MCARLE		M HB T 3XX4 551 U		Blatt/Sheet 1	
Index Änderung/Description		Datum/Date		Name		Ers. f. / Replacement for:		1 Bl.	

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