



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 ¹⁾	yes	no	yes	no	yes	no	yes	no			
Rated voltage ²⁾	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 ²⁾	IEC 60664-1	1500 V (1500 V)		1200 V (800 V)	1500 V (1500 V)		1200 V (800 V)					
Pollution degree ²⁾	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 ¹⁰ Ohm ³⁾										
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 ²		0,09-0,75 mm ²	0,09-1,0m m ²	0,09-0,75mm ²		0,09-0,25mm ²				
Flamability		UL 94 V0										
locking system		bayonet										

¹⁾ Edition 2000-05
²⁾ values in brackets are according to DIN EN 61076-2-106
³⁾ under operating conditions >10⁸ 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 3659 551 U
	12 (12-a)	T 3629 551 U
	8 (08-a)	T 3529 551 U
	7 (07-b)	T 3449 551 U
	7 (07-a)	T 3439 551 U
	6 (06-a)	T 3429 551 U
	5 (05-b)	T 3399 551 U
	5 (05-a)	T 3379 551 U
	4 (04-a)	T 3329 551 U
	3 (03-a)	T 3279 551 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. IEC 61076-2-106)	Part number

Gewicht (errechnet) / Calc WT: 20,181 g	Zul. Abw./Tolerances:	Maßstab / Scale: 2:1	A3	
Prüfmaß / Testdimension	ISO 2768-c	CUSTOMER DRAWING		
Teileindex / Partindexnumber:	DIN / ISO 13715	Male cable connector for cable diameter 4-6mm		
Bagatelle change:	Gez. 04.11.2022 Drawn MCARLE Status Released Gepr. 04.11.2022 Checked MBERTSCH	M HB T 3XX9 551 U		
01 202200022 04.11.2022 MCARLE	Amphenol Tuchel Industrial GmbH	Blatt / Sheet 1		1 Bl.
Index Änderung / Description Datum / Date Name	Ers. f. / Replacement for: M-HA T 3XXX 551 U Rev01	NXM-V01		

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