



	14 (14-a)	T 3650 055 U
	12 (12-a)	T 3635 055 U
	8 (08-a)	T 3504 055 U
	7 (07-b)	T 3484 055 U
	7 (07-a)	T 3475 055 U
	6 (6-a)	T 3400 055 U
	5 (05-b)	T 3356 055 U
	5 (05-a)	T 3360 055 U
	4 (04-a)	T 3300 055 U
	3 (03-a)	T 3260 055 U
	2 (Pin 1+3)	T 3200 055 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	Part number

Number of contacts	Standard	3	4	5	5	6	7	7	8	12	14	
Contact arrangement	IEC 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)	100 V (32 V)	150 V (32 V)	150 V (32 V)			
Rated voltage	UL 1977	250V						60V				
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	<5mOhm										
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	35N	50N	55N	55N	60N	50N	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 (12-14pol)										
termination technique		crimp										
wire gauge		0,09-1,0mm ²		0,09-0,75 mm ²	0,09-1,0 mm ²	0,09-0,75mm ²			0,09-0,25mm ²			
flamability		UL 94 VO										
locking system		metal screw coupling; tightening torque 0,7 - 1,5 Nm										

Gewicht (errechnet) / Calc WT:		Zul. Abw./Tolerances:	
Prüfmaß / Testdimension		ISO 2768-c	
Teileindex / Partindexnumber:		DIN / ISO 13715	
Bagatelle change:		Maßstab / Scale: 2:1	
		A3	
		CUSTOMER DRAWING	
		Male cable connector r/a for cable diameter 4-6mm	
		M KA T 3XXX 055 U	
		Ers. f. / Replacement for: M KA T 3XXX 055 U	
02	202100006	15.06.2021	MCARL
Index	Änderung / Description	Datum / Date	Name

Gez. 15.06.2021
Drawn MCARL
Status Released
Gepr. 16.06.2021
Checked MBERTSCH
Amphenol Tuchel Industrial GmbH

Blatt / Sheet 1
1 Bl.
Ers. f. / Replacement for: M KA T 3XXX 055 U

Copying of this document and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of the utility model or design.

Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadensersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.

¹⁾ Edition 2000-05
²⁾ values in brackets are according to DIN EN 61076-2-106
³⁾ under operating conditions >10⁸ 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 ("Beschaffensgarantie" or "Haltbarkeitsgarantie").