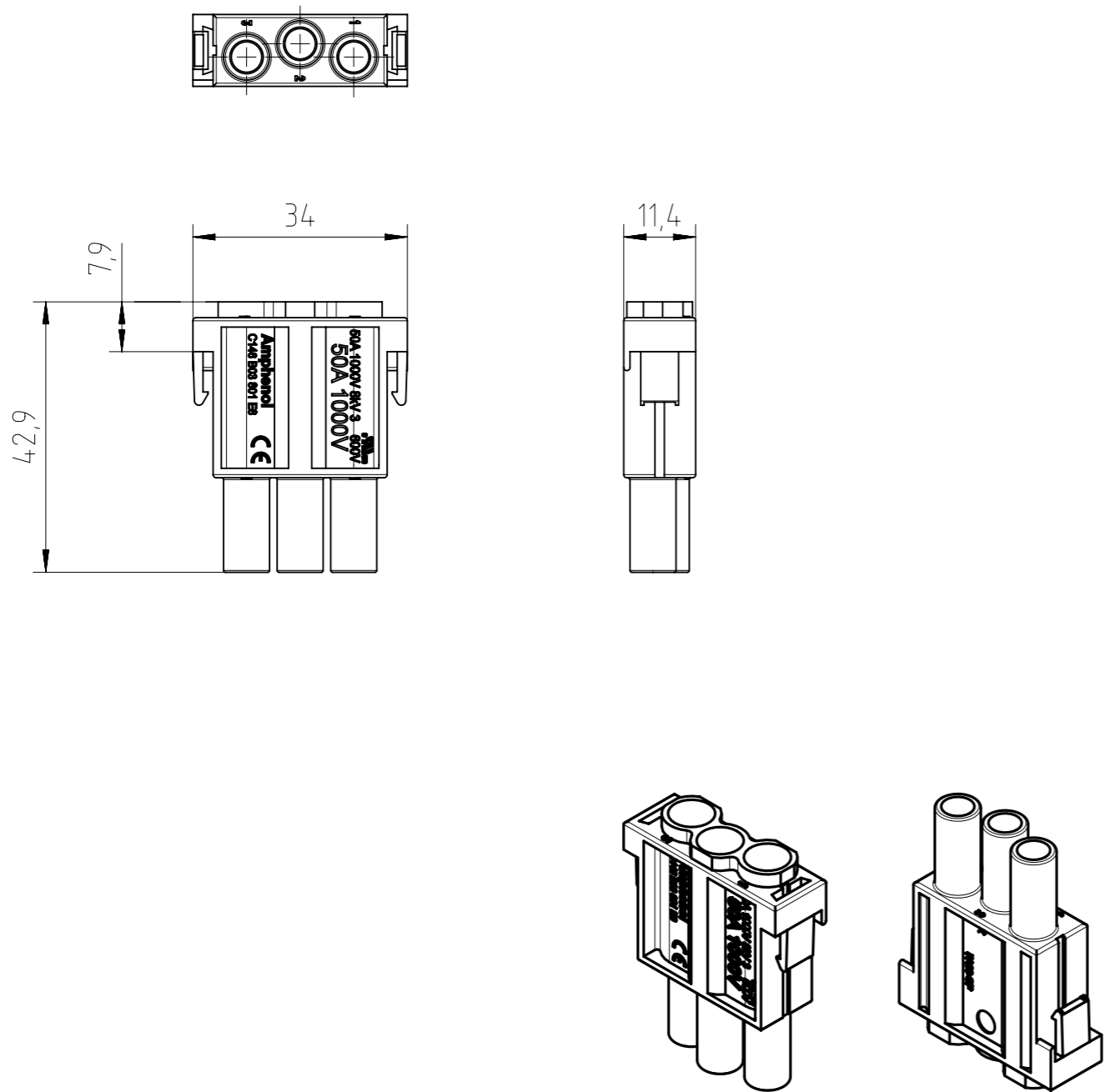


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Alle technischen Daten wurden unter Laborbedingungen ermittelt und können im Praxisbetrieb abweichen. Es handelt sich bei den Angaben weder um Beschaffenheits- noch um Haltbarkeitsgarantien. All technical data have been measured in a laboratory environment 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 guarantees ("Beschaffenheitsgarantie" or "Haltbarkeitsgarantie").

General Characteristics	Standard	Value
number of contacts		3
contacts termination technique		crimp
contacts type		machined contacts
contacts wire gauge		1,5 mm <sup>2</sup> - 10 mm <sup>2</sup> AWG 16 - AWG 8
contacts max. cable diameter		∅ 7,2 mm
protection class	IEC 60529	IP20 (unmated)
		IP20 (mated)
approvals	UL 1977	ECBT2E63093
	CSA C22.2	ECBT8E63093
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	1000 V (UL/CSA: 600 V)
pollution degree	IEC 60664-1	3
rated impulse withstand voltage	IEC 60664-1	8 kV
rated current T <sub>amb</sub> = 40 °C		50 A
current carrying capacity	IEC 60512-5-2	see derating curve
contact resistance	IEC 60512-2-1	≤ 5 mΩ
insulation resistance	IEC 60512-3-1	≥ 10 <sup>10</sup> Ω
Climatical Characteristics	Standard	Value
operating temperature	IEC 60068-1	-40 - +125°C
Mechanical Characteristics	Standard	Value
mechanical operation	IEC 60512-9-1	≥10000 mating cycles
Materials	Standard	Value
module material		PA-GF
module flammability	UL 94	V-0
module color		black

Gewicht (errechnet) / Calc WT: 8 g		Zul. Abw./Tolerances:		Maßstab / Scale: 1:1		A3			
Prüfmaß / Testdimension		ISO 2768-m				CUSTOMER DRAWING			
Teileindex / Partindexnumber:									
Bagatelle change:						Buchsenmodul 3-Pol socket module 3 pole			
		Gez. Drawn		01.09.2017 PWÖLFFLE					
		Status		Released					
		Gepr. Checked		16.10.2023 MBERTSCH		M C146 B03 801 E8			
04 202300083		11.08.2023		PWÖLF		Blatt / Sheet 1			
03 202100147		08.04.2021		PWÖLF					
02 201700257		01.09.2017		PWÖLF		1 Bl.			
Index		Änderung / Description		Datum / Date					

**Amphenol Tuchel Industrial GmbH**

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