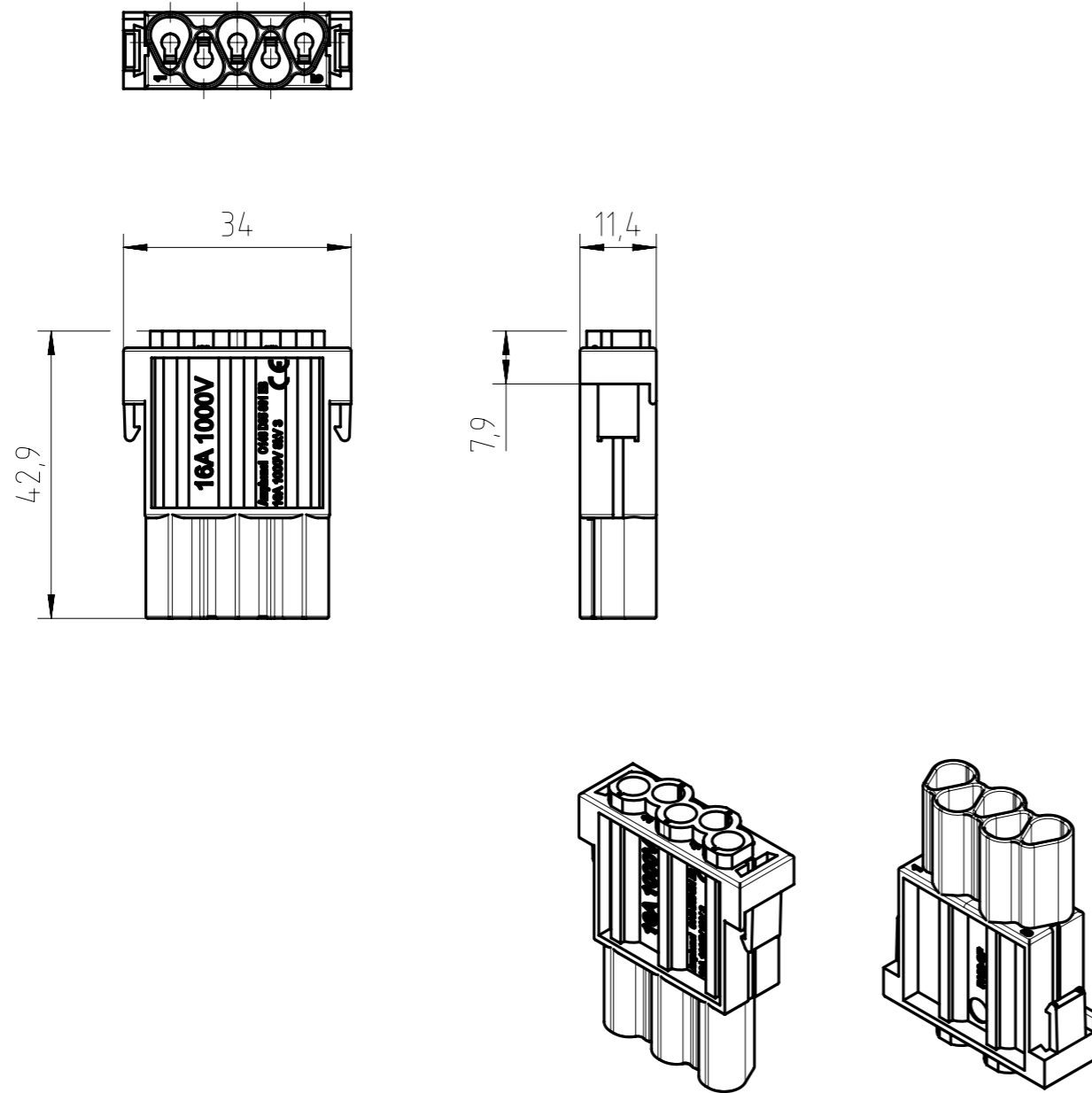


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General Characteristics	Standard	Value
number of contacts		5
contacts termination technique		crimp
contacts type		stamped contacts
contacts wire gauge		0,5 mm ² - 4,0 mm ² AWG 20 - AWG 12
contacts max. cable diameter		∅ 4,6 mm
protection class	IEC 60529	IP20 (unmated)
		IP20 (mated)
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	1000 V
pollution degree	IEC 60664-1	3
rated impulse withstand voltage	IEC 60664-1	8 kV
rated current T _{amb} = 40 °C		16 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 ¹⁰ Ω
Climatical Characteristics	Standard	Value
operating temperature	IEC 60068-1	-40 - +125°C
Mechanical Characteristics	Standard	Value
mechanical operation	IEC 60512-9-1	≥500 mating cycles
Materials	Standard	Value
module material		PA-GF
module flammability	UL 94	V-0
module color		black

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").

Gewicht (errechnet) / Calc WT: 7 g		Zul. Abw./Tolerances:		Maßstab / Scale: 1:1	A3	
Prüfmaß / Testdimension		ISO 2768-m		CUSTOMER DRAWING		
Teileindex / Partindexnumber:				Stiftmodul 5-Pol pin module 5 poles		
Bagatelle change:						
Gez. / Drawn	12.04.2021	PWOELFFLE		M C146 D05 801 E8		
Status	Released					
Gepr. / Checked	18.06.2021	MBERTSCH		Blatt / Sheet 1 1 Bl.		
Amphenol Tuchel Industrial GmbH				Ers. f. / Replacement for:		
02	202100155	12.04.2021	PWOLF			
Index	Änderung / Description	Datum / Date	Name			

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