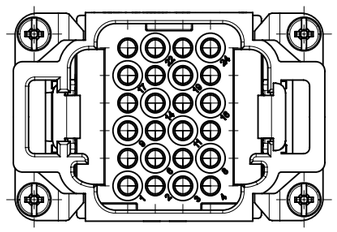
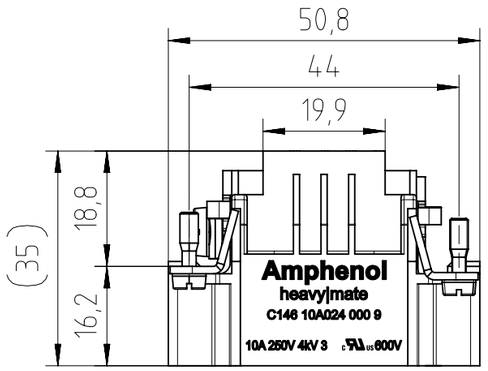
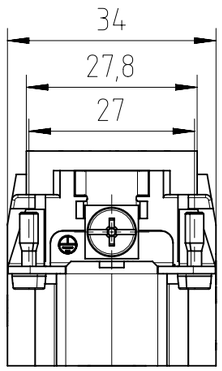
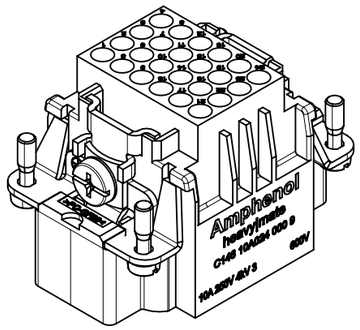
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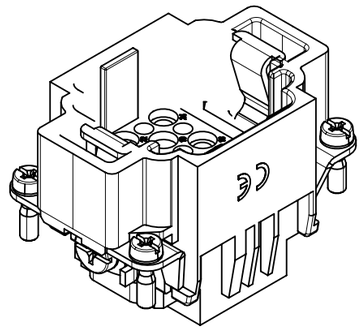
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Alle technischen Daten wurden unter Laborbedingungen ermittelt und können im Praxisbetrieb abweichen.
Es handelt sich bei den Angaben weder um Beschaffenheits- noch um Haltbarkeitsgarantien.
All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particulary the information does not constitute or provide any legal guarantees (''Beschaffenheitsgarantie'' or ''Haltbarkeitsgarantie'').

Characteristics

General Characteristics	Standard	Value
number of contacts		24 + PE
termination technique		crimp / PCB (in combination with PCB adapter)
wire gauge		0,14 mm² - 2,5 mm² AWG 26 - AWG 14
max. insulation diameter		3,7 mm
flammability	UL 94	V-0
Electrical Characteristics	**Standard**	**Value**
rated voltage	IEC 60664-1	250 V (UL/CSA: 600 V)
pollution degree	IEC 60664-1	3
installation (overvoltage) category	IEC 60664-1	3
material group	IEC 60664-1	3b
rated impulse withstand voltage	IEC 60664-1	4 kV
rated current T_{amb} = 40 °C		10 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**
climatic category	IEC 60068-1	40 / 125 / 10
upper temperature	IEC 60512-11-9	+125 °C
lower temperature	IEC 60512-11-10	-40 °C
Mechanical Characteristics	**Standard**	**Value**
mechanical operation	IEC 60512-9-1	≥500 mating cycles/ ≥2000 mating cycles with special plating
Materials	**Standard**	**Value**
insert		PC-GF
contacts		CuZn (brass)
contact plating		Ag (silver)/Au (gold)
color		grey

Gewicht (errechnet) / *Calc WT*: 38,5 g
Prüfmaß / *Testdimension*
Teileindex / *Partindexnumber:*
minor change:

Zul. Abw./*Tolerances*: ISO 2768-m
DIN / ISO 13715

Maßstab / *Scale*: 1:1 | A3

Index	Änderung/*Description*	Datum/*Date*	Name
08	202500571	13.03.2026	SWAHL
07	202300338	11.12.2023	PWÖLF
06	201800190	14.05.2018	PWÖLF
05	201700257	30.08.2017	PWÖLF
04	201500909	25.02.2016	MTOLK

Gez. 01.10.2014
Drawn mbertsch
Status Released
Gepr. 17.03.2026
Checked IMOHRLANG

Amphenol Tuchel Industrial GmbH

CUSTOMER DRAWING

Stifteinsatz 24-Pol
pin insert 24 pole

M C146 10A024 000 9

Blatt/*Sheet* 1 / 1 Bl.

Ers. f. / *Replacement for*: M-C146 10A024 000 9 Rev07

NXM-V07 FA2025-004236

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