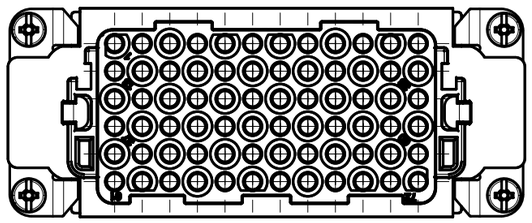
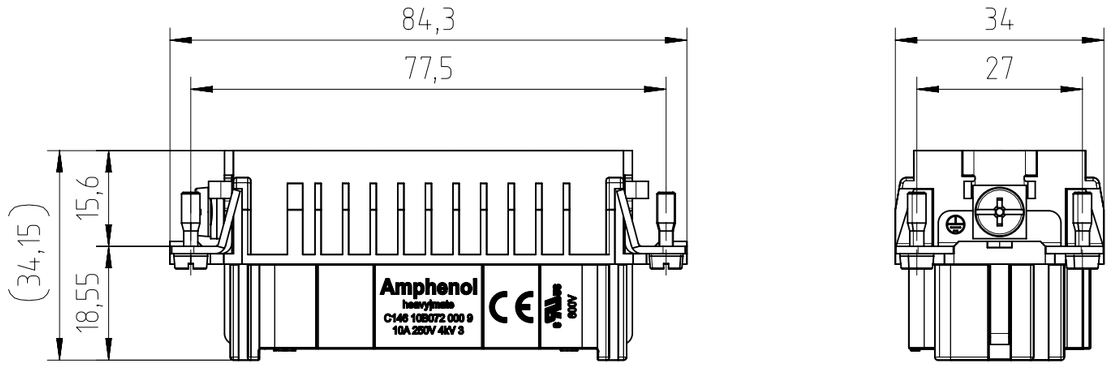
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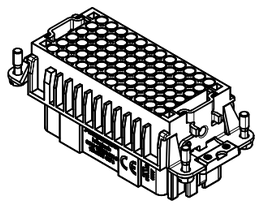
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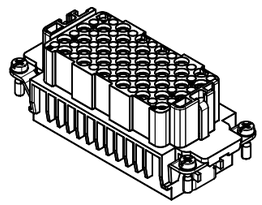
Characteristics

General Characteristics	Standard	Value
number of contacts		72 + PE
termination technique		crimp
wire gauge		0,14mm² - 2,5mm² AWG26 - AWG14
max. insulation diameter		3,7mm
Electrical Characteristics	**Standard**	**Value**
rated voltage	IEC 60664-1	250V (UL/CSA: 600V)
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	4kV
rated current T_{amb} = 40 °C		10A
current carrying capacity	IEC 60512-5-2	see derating curve
contact resistance	IEC 60512-2-1	≤ 5mΩ
insulation resistance	IEC 60512-3-1	≥ 10^{10}Ω
Climatical Characteristics	**Standard**	**Value**
climatic category	IEC 60068-1	40 / 125 / 21
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
Materials	**Standard**	**Value**
insert		PC-GF
color		grey
flammability	UL 94	V0
protective earth contacts		CuZn (brass)
protective earth contacts plating		Ni-plated









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").

Index	Änderung/ *Description*	Datum/ *Date*	Name
08	202500571	17.03.2026	SWAHL
07	202000338	24.08.2020	PWÖLF
06	201900214	09.08.2019	PWÖLF
05	201700119	02.05.2017	MTOLK
04	201600106	22.02.2016	JHÖNN
03	201500015	09.09.2015	JHÖNN

Gewicht (errechnet) / *Calc WT*: 47,62 g
Prüfmaß / *Testdimension*
Teileindex / *Partindexnumber:*
minor change:

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

Gez. 08.09.2015
Drawn JHOENNIGE2
Status Released
Gepr. 17.03.2026
Checked IMOHRLANG

Amphenol Tuchel Industrial GmbH

Maßstab / *Scale*: 1:1 (1:2) | A3

CUSTOMER DRAWING

Buchseneinsatz 72-Pol + PE
socket insert 72 pole + PE

M | C146 10B072 000 9 | Blatt/ *Sheet* 1 | 1 Bl.

Ers. f. / *Replacement for*: M-C146 10B072 000 9 Rev07

FAI2025-004217
NXM-V06

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