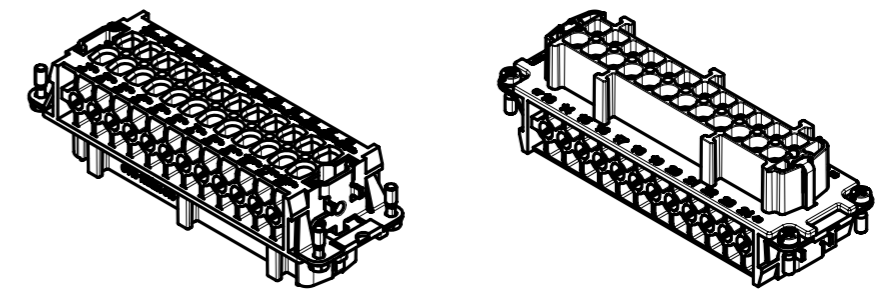
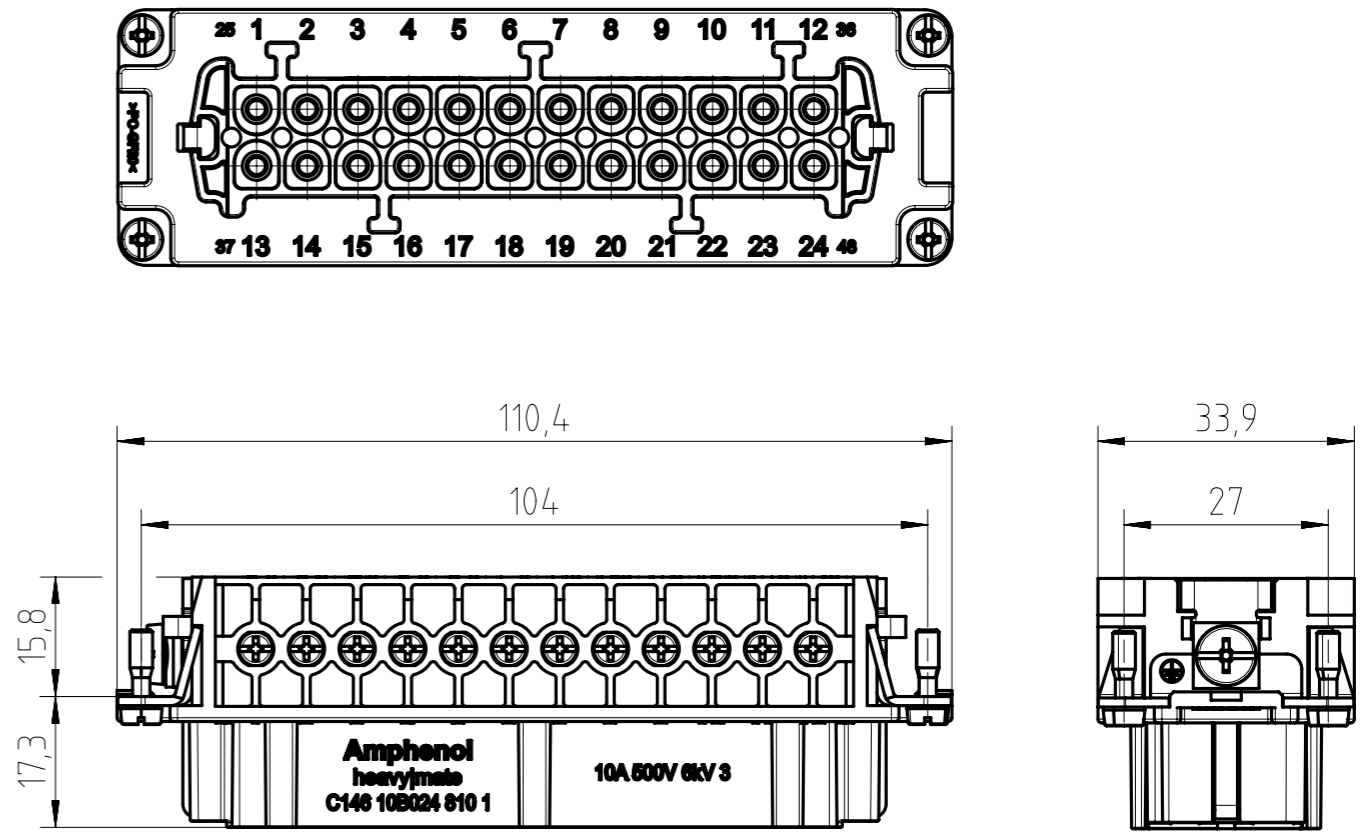


General Characteristics	Standard	Value
number of contacts		24 + PE
iron contacts (Fe)	EUROMAP 14, part 1	1 - 12
constantan contacts (Ko)	EUROMAP 14, part 1	13 - 24
termination technique		screw with wire protection
wire gauge		0,5 mm ² - 2,5 mm ² AWG 20 - AWG 14
max. insulation diameter		4,6 mm
stripping length		5,5 +0,5 mm
tightening torque		0,5 Nm
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	500 V
pollution degree	IEC 60664-1	3
installation (overvoltage) category	IEC 60664-1	3
material group	IEC 60664-1	3a
rated impulse withstand voltage	IEC 60664-1	6 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	≤ 10 mΩ
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
iron contacts (Fe)	DIN EN 60584 (type J)	Fe/Au (gold plating)
constantan contacts (Ko)	DIN EN 60584 (type J)	CuNi (without plating)
color		grey

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: 91,8 g		Zul. Abw./Tolerances:		Maßstab / Scale: 1:1 (1:2)		A3	
Prüfmaß / Testdimension		ISO 2768-m		DIN / ISO 13715		CUSTOMER DRAWING	
Teileindex / Partindexnumber:		Gez. / Drawn: 31.07.2015 JHOENNIGE2		Status: Released		Buchseneinsatz 24-Pol + PE	
Bagatelle change:		Gepr. / Checked: 08.08.2018 MGRIMM		M C146 10B024 810 1		socket insert 24 pole + PE	
06	201800292	25.07.2018	PWÖLF	Amphenol Tuchel Industrial GmbH		Blatt / Sheet 1	
05	2018000020	13.04.2018	MTOLK			1 Bl.	
04	201700427	06.12.2017	PWÖLF				
03	201600249	26.04.2016	PWÖLF				
02	201500911	10.02.2016	JHÖNN				
01	201500151	31.07.2015	JHÖNN				
Index	Änderung / Description	Datum / Date	Name	Ers. f. / Replacement for: M-C146 10B024 8XX 1 Rev02			

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