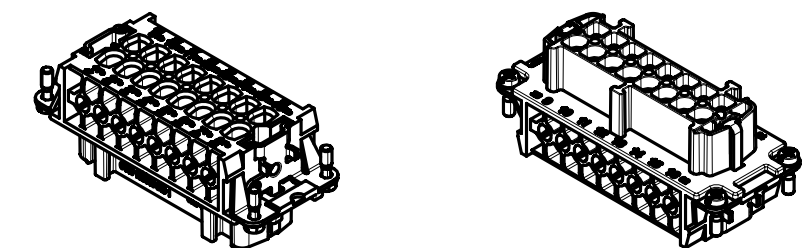
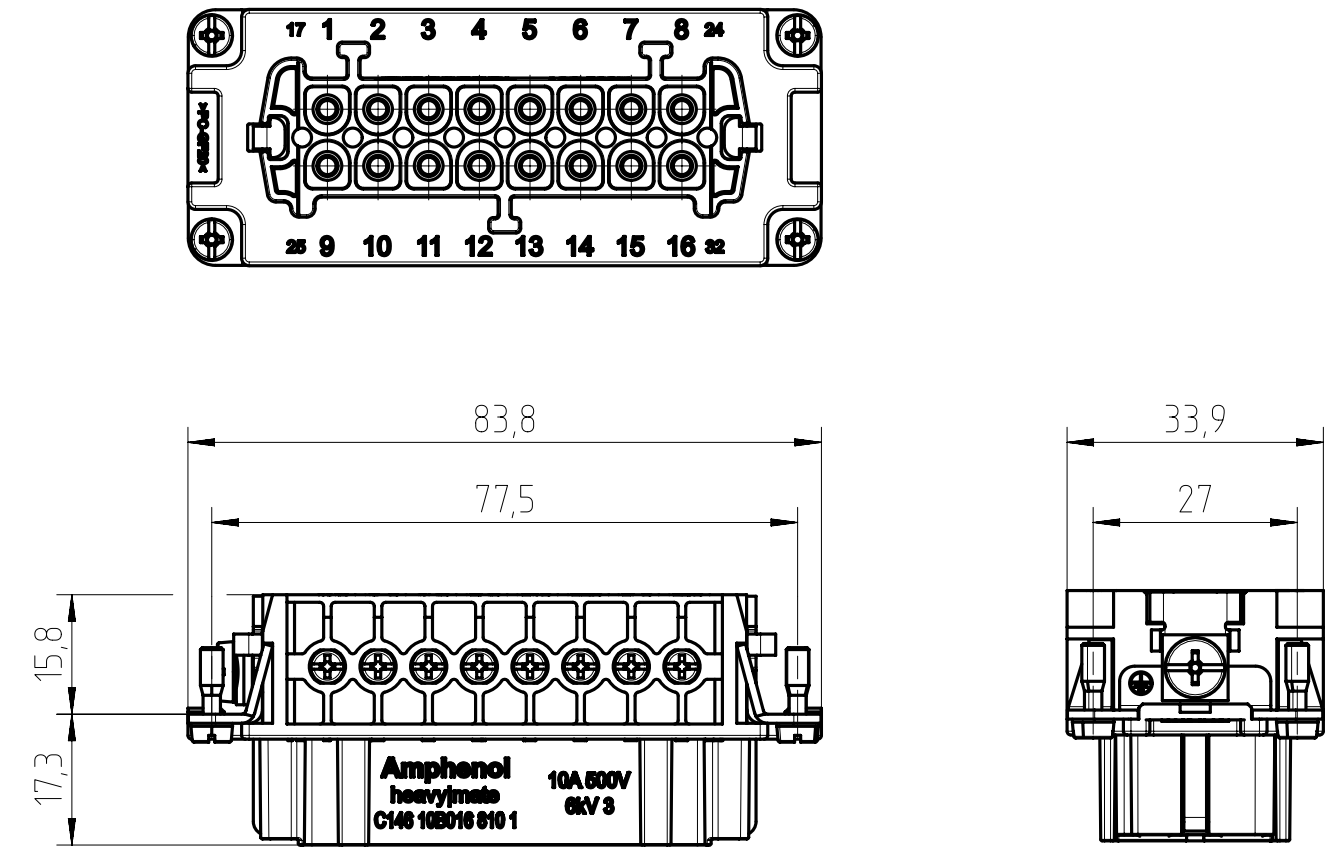


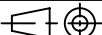
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General Characteristics	Standard	Value
number of contacts		16 + PE
iron contacts (Fe)	EUROMAP 14, part 1	1 - 8
constantan contacts (Ko)	EUROMAP 14, part 1	9 - 16
termination technique		screw with wire protection
wire gauge		0,5 mm ² - 2,5 mm ² AWG 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: ISO 2768-m		 DIN / ISO 13715		Maßstab Scale : 1:1 (1:2)		A3	
Prüfmaß Testdimension								CUSTOMER DRAWING			
Teileindex Partindexnumber:											
Bagatelle change:											
				Gez. Drawn	31.07.2015 JHOENNIGE2	Buchseneinsatz 16-Pol + PE socket insert 16 pole + PE					
07	201800292	25.07.2018	PWÖLF	Status	Released						
06	2018000020	13.04.2018	MTOLK	Gepr.	08.08.2018						
05	201700427	06.12.2017	PWÖLF	Checked	MGRIMM						
04	201600249	26.04.2016	PWÖLF	Amphenol Tuchel Industrial GmbH		M C146 10B016 810 1					
03	201500911	10.02.2016	JHÖNN								
02	201500151	31.07.2015	JHÖNN								
Index	Änderung/Description	Datum/Date	Name			Ers. f. / Replacement for : M-C146 10B016 810 1 Rev01					

FA2018-003532

NXM-V06

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