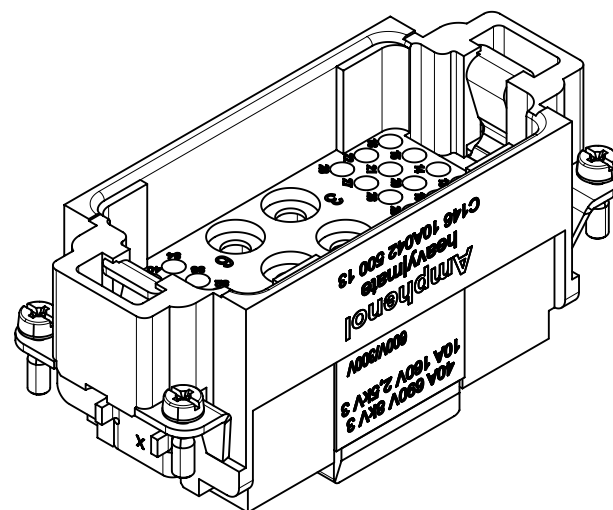
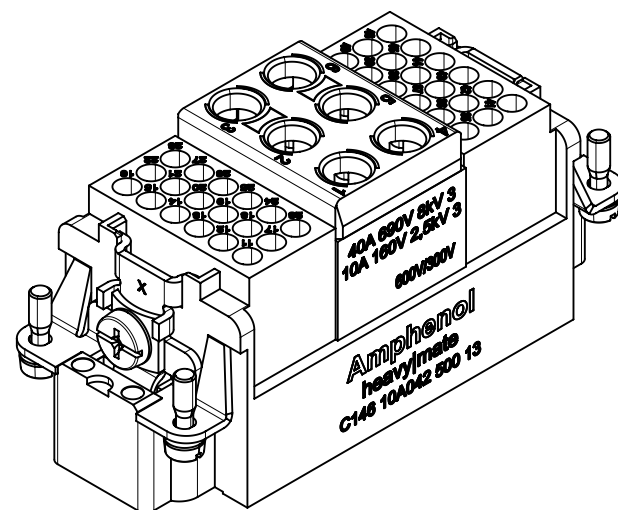
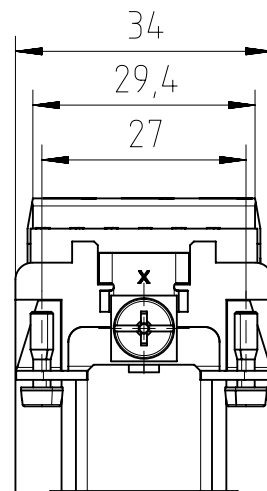
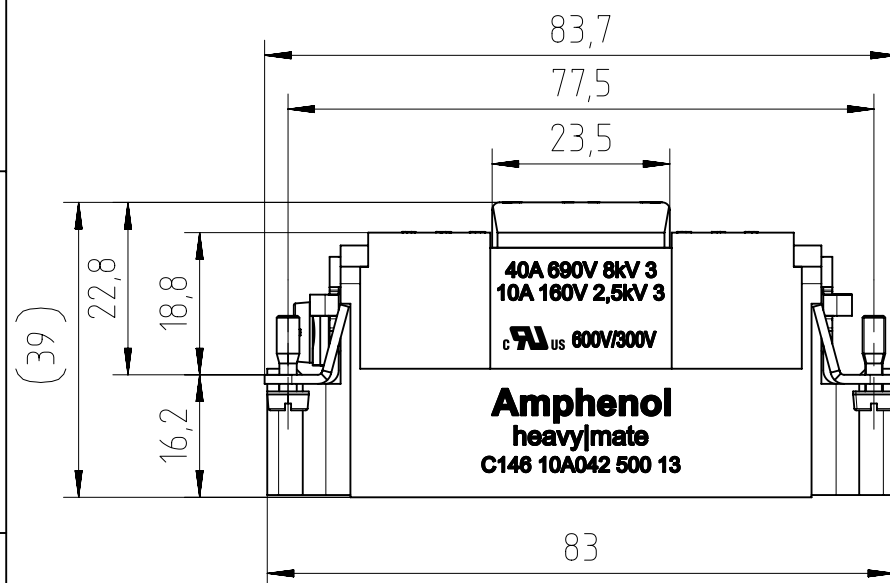
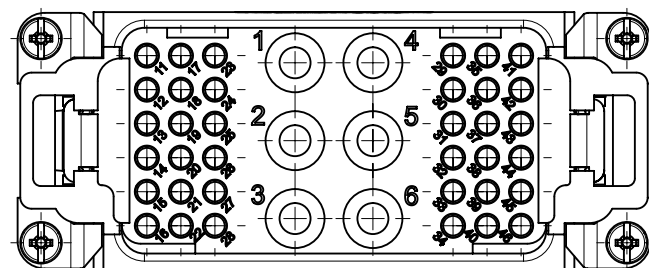




Alle technischen Daten wurden unter Laborbedingungen ermittelt und können im Praxisbetrieb abweichen.
Es handelt sich bei den Angaben weder um Beschaffenheits- noch um Haltbarkeitsgarantien.
All technical data have been measured in a laboratory environment and can be different during practical usage 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").

Characteristics

General Characteristics	Standard	Value
number of contacts		6 / 36 + PE
termination technique		crimp
wire gauge power contacts		1,5 mm ² - 6 mm ² AWG 16 - AWG 10
wire gauge signal contacts		0,14 mm ² - 2,5 mm ² AWG 26 - AWG 14
max. insulation diameter		5,2 mm / 3,7 mm
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	690 V / 160 V (UL/CSA: 600 V / 300 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	8 kV / 2,5 kV
rated current T _{amb} = 40 °C		40 A / 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 / 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
contacts		CuZn (brass)
contact plating		Ag (silver)/Au (gold)
color		grey

Gewicht (errechnet) / Calc WT: 64,4 g				Zul. Abw./Tolerances:		Maßstab / Scale: 1:1		A3			
Prüfmaß / Testdimension				ISO 2768-m				CUSTOMER DRAWING			
Teileindex / Partindexnumber:				DIN / ISO 13715							
Bagatelle change:						Stifteinsatz 42-Pol <i>pin insert 42 pole</i>					
				Gez.	18.09.2013						
				Drawn	DSC-MIG						
				Status	Released						
				Gepr.	08.09.2017						
				Checked	MGRIMM						
				Amphenol Tuchel Industrial GmbH						Blatt/ Sheet	
04	201700257	30.08.2017	PWÖLF			M C146 10A042 500 13				1	
03	201500909	25.02.2016	MTOLK							1 Bl.	
Index	Änderung/Description	Datum/Date	Name			Ers. f. / Replacement for: M-C146 10A042 500 13 Rev02					