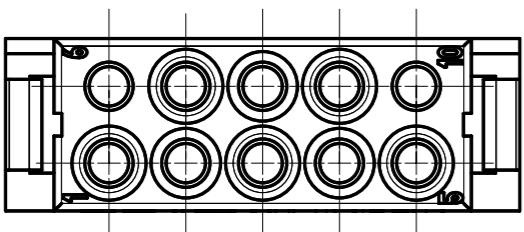
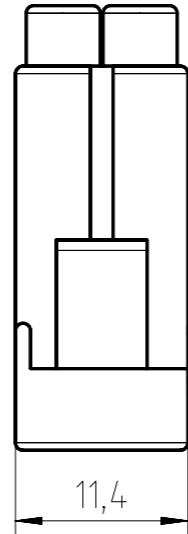
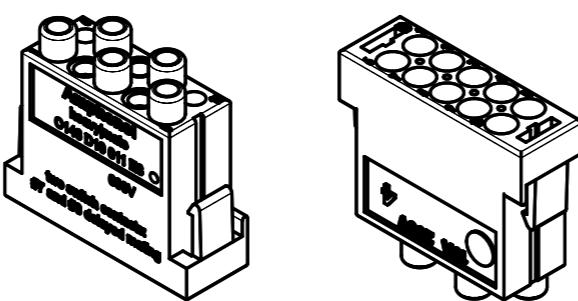
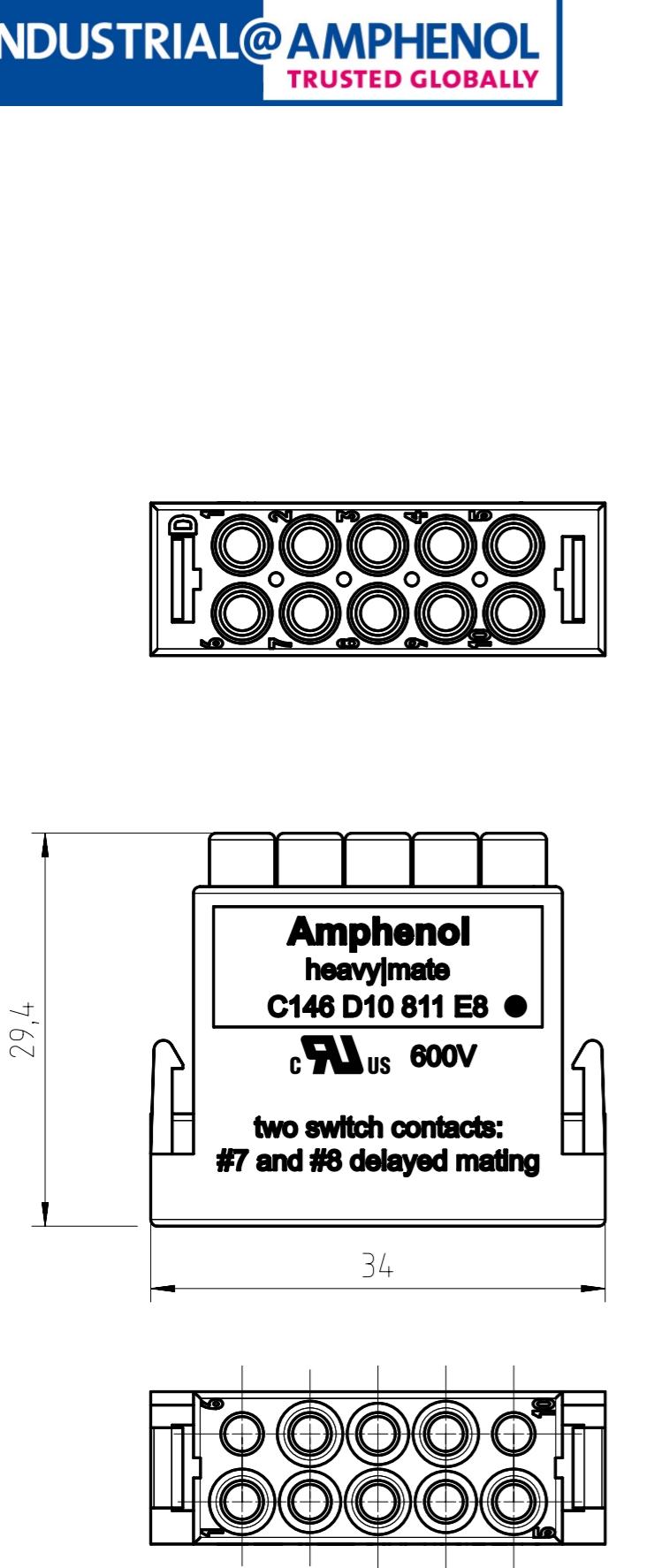


## Characteristics

General Characteristics	Standard	Value
number of contacts		8+2
termination technique		crimp
wire gauge		0,14 mm <sup>2</sup> - 2,5 mm <sup>2</sup> AWG 26 - AWG 14
max. Isolationsdurchmesser		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	2
rated impulse withstand voltage	IEC 60664-1	6 kV
rated current $T_{amb} = 40^{\circ}\text{C}$		10 A
current carrying capacity	IEC 60512-5-2	see derating curve
contact resistance	IEC 60512-2-1	$\leq 5 \text{ m}\Omega$
insulation resistance	IEC 60512-3-1	$\geq 10^{10} \Omega$
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	$\geq 500$ mating cycles
Materials	Standard	Value
insert		PA-GF
contacts		CuZn (brass)
contact plating		Ag (silver) / Au (gold)
color		brick-red



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 : 7 g	Zul. Abw./Tolerances :	ISO 2768-m DIN / ISO 13715	Maßstab / Scale : 2:1 (1:1) A3
Prüfmaß / Testdimension			
Teileindex / Partindexnumber:			
Bagatelle change:			
	Gez. 20.04.2016 Drawn JHOENNIGE2		
	Status Released		
	Gepr. 14.05.2018 Checked MGRIMM		
CUSTOMER DRAWING			
Stiftmodul 8+2-Pol pin module 8+2 pole			
Amphenol Tuchel Industrial GmbH		M   C146 D10 811 E8	Blatt/Sheet 1 1 Bl.
03   201800214   14.05.2018   PWÖLF	Index Änderung/Description	Datum/Date	Name
02   201600247   20.04.2016   JHÖNN			
Ers. f. / Replacement for : M-C146 D10 811 E8 Rev01			