

## EU DECLARATION OF CONFORMITY

### *heavy|mate*<sup>®</sup> – C146M

**Amphenol Tuchel Industrial GmbH, August-Haeusser Str. 10, DE - 74080 Heilbronn**

This declaration of conformity is issued under the sole responsibility of the manufacturer.

**Object of the declaration:** Product designation *heavy|mate*<sup>®</sup> – C146M  
*refer to following page(s) for list of covered products*

#### **The object of the declaration described above is in conformity with**

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (*RoHS*)

Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits (*Low Voltage Directive*)

**Relevant standards:** For evaluation of conformity following relevant standards were consulted

EN IEC 63000:2018 *Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (IEC 63000:2016)*

EN 60309-1:1999 + A1:2007 + A2:2012 / IEC-Cor.:2014 *Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements*

EN 60309-4:2007 + A1:2012 *Plugs, socket-outlets and couplers for industrial purposes – Part 4: Switched socket-outlets and connectors with or without interlock*

#### **Technical documentation:**

Section 16.4 and 17.1 of EN 60309-1/-4 are not applicable for these designated products

Section 10.3 and 22 of EN 60309-1/-4 are not applicable for 1 pole RADSOK modules.

Signed for and on behalf of Amphenol Tuchel Industrial GmbH

Heilbronn, 2021-04-28

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Dr. Peter Nuechter

Director Technology & Engineering

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### List of products covered under this declaration for *heavy/mate*<sup>®</sup> – C146M:

#### Module frames:

C146 P06 001 G8	C146 S06 001 G8
C146 P10 001 G8	C146 S10 001 G8
C146 P16 001 G8	C146 S16 001 G8
C146 P24 001 G8	C146 S24 001 G8
C146 P06 002 G8	C146 S06 002 G8
C146 P10 002 G8	C146 S10 002 G8
C146 P16 002 G8	C146 S16 002 G8
C146 P24 002 G8	C146 S24 002 G8
C146 P06 005 G8	C146 S06 005 G8
C146 P10 005 G8	C146 S10 005 G8
C146 P16 005 G8	C146 S16 005 G8
C146 P24 005 G8	C146 S24 005 G8
C146 P10 007 G8	C146 S10 007 G8
C146 P16 007 G8	C146 S16 007 G8
C146 P24 007 G8	C146 S24 007 G8
C146 P10 008 G8	

#### 1 pole RADSOK modules:

C146 A01 001 E8	C146 B01 004 E8
N 01 100 5099 001	N 02 100 6119 002
N 01 100 6000 001	N 02 100 6120 002
N 01 100 6001 001	N 02 100 6121 002
N 01 100 6002 001	N 02 100 6122 002
N 01 100 6003 001	N 02 100 6123 002

#### 2 pole RADSOK modules:

C146 A02 001 E8	C146 B02 001 E8
N 01 060 0004 1	N 02 060 6117 001
N 01 060 0007 1	N 02 060 6114 001
N 01 060 0008 1	N 02 060 6118 001

#### 1+PE RADSOK modules:

C146 A02 101 E8	C146 B02 101 E8
N 01 060 0038 1	N 02 060 6148 001

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### 2 pole modules:

C146 A02 801 E8  
VN01 036 0021 1 C

C146 B02 801 E8  
VN02 036 0021 1 C

### 3 pole modules:

C146 A03 801 E8  
C146 A03 001 E8  
VN01 036 0001 1 C  
VN01 036 0002 1 C  
VN01 036 0003 1 C  
VN01 036 0004 1 C  
VN01 036 0005 1 C

C146 B03 801 E8  
C146 B03 001 E8  
VN02 036 0001 1 C  
VN02 036 0002 1 C  
VN02 036 0003 1 C  
VN02 036 0004 1 C  
VN02 036 0005 1 C

### 4 pole modules:

C146 A04 002 E8  
VN01 025 0055 1 C  
VN01 025 0035 1 C  
VN01 025 0036 1 C  
VN01 025 0037 1 C  
VN01 025 0038 1 C  
VN01 025 0059 1 C  
VN01 025 0039 1 C  
VN01 025 0055 2 C  
VN01 025 0035 2 C  
VN01 025 0036 2 C  
VN01 025 0037 2 C  
VN01 025 0038 2 C  
VN01 025 0059 2 C  
VN01 025 0039 2 C

C146 B04 002 E8  
VN02 025 0055 1 C  
VN02 025 0035 1 C  
VN02 025 0036 1 C  
VN02 025 0037 1 C  
VN02 025 0038 1 C  
VN02 025 0059 1 C  
VN02 025 0039 1 C  
VN02 025 0055 2 C  
VN02 025 0035 2 C  
VN02 025 0036 2 C  
VN02 025 0037 2 C  
VN02 025 0038 2 C  
VN02 025 0059 2 C  
VN02 025 0039 2 C

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4 pole / 5 pole / 4+PE modules:

C146 D04 001 E8  
C146 D05 001 E8  
C146 D05 801 E8  
VN01 025 0001 101  
ZN01 025 0001 1  
TN01 025 0001 1  
HN01 025 0001 1  
HN01 025 0010 1  
TN01 025 0010 1  
VN01 025 0010 101  
ZN01 025 0010 1  
VN01 025 0043 1  
TN01 025 0043 1  
HN01 025 0043 1  
ZN01 025 0043 1  
VN01 025 0001 102  
ZN01 025 0001 2  
TN01 025 0001 2  
VN01 025 0010 102  
ZN01 025 0010 2  
TN01 025 0010 2  
VN01 025 0043 2  
TN01 025 0043 2  
ZN01 025 0043 2

C146 C04 001 E8  
C146 C05 001 E8  
C146 C05 801 E8  
VN02 025 0001 101  
HN02 025 0001 1  
ZN02 025 0001 1  
TN02 025 0001 1  
HN02 025 0001 1  
TN02 025 0001 1  
VN02 025 0001 101  
ZN02 025 0001 1  
VN02 025 0043 1  
TN02 025 0043 1  
HN02 025 0043 1  
ZN02 025 0043 1  
VN02 025 0001 102  
ZN02 025 0001 2  
TN02 025 0001 2  
VN02 025 0010 102  
TN02 025 0010 2  
TN02 025 0010 2  
VN02 025 0043 2  
TN02 025 0043 2  
ZN02 025 0043 2

5 pole modules:

C146 A05 001 E8  
VN01 025 0029 1C  
VN01 025 0030 1C  
VN01 025 0031 1C  
VN01 025 0032 1C  
VN01 025 0033 1C

C146 B05 001 E8  
VN02 025 0029 1C  
VN02 025 0030 1C  
VN02 025 0031 1C  
VN02 025 0032 1C  
VN02 025 0033 1C

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10 pole modules:

C146 D10 001 E8  
C146 D10 811 E8  
HN01 016 0003 1  
TN01 016 0003 1  
VN01 016 0003 1  
ZN01 016 0003 1  
HN01 016 0002 1  
TN01 016 0002 1  
VN01 016 0002 1  
ZN01 016 0002 1  
HN01 016 0005 1  
TN01 016 0005 1  
VN01 016 0005 1  
ZN01 016 0005 1  
HN01 016 0015 1  
TN01 016 0015 1  
VN01 016 0015 1  
ZN01 016 0015 1  
HN01 016 0016 1  
TN01 016 0016 1  
VN01 016 0016 1  
ZN01 016 0016 1  
HN01 016 0003 2  
TN01 016 0003 2  
VN01 016 0003 2  
ZN01 016 0003 2  
HN01 016 0002 2  
TN01 016 0002 2  
VN01 016 0002 2  
ZN01 016 0002 2  
HN01 016 0005 2  
TN01 016 0005 2  
VN01 016 0005 2  
ZN01 016 0005 2

C146 C10 001 G8  
HN02 016 0003 1  
TN02 016 0003 1  
VN02 016 0003 1  
ZN02 016 0003 1  
HN02 016 0002 1  
TN02 016 0002 1  
VN02 016 0002 1  
ZN02 016 0002 1  
HN02 016 0005 1  
TN02 016 0005 1  
VN02 016 0005 1  
ZN02 016 0005 1  
HN02 016 0015 1  
TN02 016 0015 1  
VN02 016 0015 1  
ZN02 016 0015 1  
HN02 016 0016 1  
TN02 016 0016 1  
VN02 016 0016 1  
ZN02 016 0016 1  
HN02 016 0003 2  
TN02 016 0003 2  
VN02 016 0003 2  
ZN02 016 0003 2  
HN02 016 0002 2  
TN02 016 0002 2  
VN02 016 0002 2  
ZN02 016 0002 2  
HN02 016 0005 2  
TN02 016 0005 2  
VN02 016 0005 2  
ZN02 016 0005 2

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### 10 pole modules:

C146 A10 001 E8  
VN01 016 0024 1 C  
VN01 016 0025 1 C  
VN01 016 0026 1 C  
VN01 016 0027 1 C  
VN01 016 0028 1 C  
VN01 016 0024 2 C  
VN01 016 0025 2 C  
VN01 016 0026 2 C  
VN01 016 0027 2 C  
VN01 016 0028 2 C  
VN01 016 0024 3 C  
VN01 016 0025 3 C  
VN01 016 0026 3 C  
VN01 016 0027 3 C  
VN01 016 0028 3 C

C146 B10 001 E8  
VN02 016 0024 1 C  
VN02 016 0025 1 C  
VN02 016 0026 1 C  
VN02 016 0027 1 C  
VN02 016 0028 1 C  
VN02 016 0024 2 C  
VN02 016 0025 2 C  
VN02 016 0026 2 C  
VN02 016 0027 2 C  
VN02 016 0028 2 C  
VN02 016 0024 3 C  
VN02 016 0025 3 C  
VN02 016 0026 3 C  
VN02 016 0027 3 C  
VN02 016 0028 3 C

### 20 pole modules:

C146 A20 001 G8  
TN01 010 0130 2  
VN01 010 0130 2  
ZN01 010 0130 2  
TN01 010 0131 2  
VN01 010 0131 2  
ZN01 010 0131 2

C146 B20 001 G8  
TN02 010 0130 2  
VN02 010 0130 2  
ZN02 010 0130 2  
TN02 010 0131 2  
VN02 010 0131 2  
ZN02 010 0131 2

### Blind module:

C146 A00 001 E8

C146 B00 001 E8

### RJ45 modules:

C146 E12 001 E8

C146 F12 001 G8  
C146 F12 002 G8

### Quintax modules:

C146 A08 102 E8  
C146 A05 100 G8

C146 B08 102 E8  
C146 B05 100 G8