

EU DECLARATION OF CONFORMITY

heavy|mate® – C146 housings

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® – C146 housings*
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 16.10 of EN 60309-1/-4 is not applicable for these designated products.

Signed for and on behalf of Amphenol Tuchel Industrial GmbH

Heilbronn, 2021-04-28

Dr. Peter Nuechter

Director Technology & Engineering

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List of products covered under this declaration for *heavy|mate*® – C146 housings:

Housings IP65 & IP66 & IP67 E6-E24:

C146 21G006 500 1	C146 10R016 600 8	C146 10G024 502 8
C146 21G006 501 1	C146 10R016 601 8	C146 10G024 503 8
C146 21G006 600 1	C146 10R016 606 1	C146 10G024 506 1
C146 21G006 656 8	C146 10R016 606 8	C146 10G024 506 8
C146 21G006 804 1	C146 10R016 607 8	C146 10G024 507 1
C146 21G016 500 1	C146 10R016 650 1	C146 10G024 507 8
C146 21G016 600 1	C146 10R016 652 1	C146 10G024 600 1
C146 21G016 602 1	C146 10R016 652 8	C146 10G024 600 8
C146 21G024 601 8	C146 10R016 656 8	C146 10G024 601 1
C146 21G024 803 8	C146 10R016 802 8	C146 10G024 601 8
C146 21G024 902 8	C146 10R016 803 8	C146 10G024 602 8
C146 21R006 506 1	C146 10R016 852 1	C146 10G024 603 8
C146 21R006 506 8	C146 10R016 852 8	C146 10G024 606 1
C146 21R006 507 1	C146 10R016 902 8	C146 10G024 606 8
C146 21R006 556 8	C146 10R016 910 8	C146 10G024 607 1
C146 21R006 606 1	C146 10R024 500 1	C146 10G024 607 8
C146 21R006 606 8	C146 10R024 500 8	C146 10G024 802 1
C146 21R006 607 1	C146 10R024 501 8	C146 10G024 802 8
C146 21R006 656 1	C146 10R024 502 1	C146 10G024 803 8
C146 21R006 656 8	C146 10R024 502 8	C146 10G024 805 1
C146 21R006 804 1	C146 10R024 506 1	C146 10G024 900 8
C146 21R006 804 8	C146 10R024 506 8	C146 10G024 901 8
C146 21R006 805 1	C146 10R024 507 8	C146 10G024 902 8
C146 21R006 854 8	C146 10R024 556 1	C146 10G024 903 8
C146 21R010 500 1	C146 10R024 556 8	C146 10G024 904 1
C146 21R010 500 8	C146 10R024 600 1	C146 10G024 904 8
C146 21R010 502 8	C146 10R024 600 3	C146 10G024 907 8
C146 21R010 506 1	C146 10R024 600 8	C146 10G024 909 8
C146 21R010 506 8	C146 10R024 601 8	C146 10G024 911 8
C146 21R010 550 1	C146 10R024 602 8	C146 10G024 913 1
C146 21R010 550 8	C146 10R024 603 8	C146 10G024 917 8
C146 21R010 552 1	C146 10R024 606 1	C146 10N006 507 1
C146 21R010 552 8	C146 10R024 606 8	C146 10N006 602 2
C146 21R010 556 1	C146 10R024 607 8	C146 10N006 603 1
C146 21R010 556 8	C146 10R024 650 8	C146 10N006 603 2
C146 21R010 566 8	C146 10R024 652 8	C146 10N006 606 2
C146 21R010 600 1	C146 10R024 656 8	C146 10N006 607 1

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Housings IP65 & IP66 & IP67 E6-E24:

C146 21R010 600 8	C146 10R024 852 3	C146 10N006 607 2
C146 21R010 601 8	C146 10R024 901 8	C146 10N006 703 1
C146 21R010 602 8	C146 10R024 903 8	C146 10N006 709 1
C146 21R010 606 1	C146 10R024 905 8	C146 10N006 802 1
C146 21R010 606 8	C146 10R024 906 8	C146 10N006 802 2
C146 21R010 607 1	C146 10R024 908 8	C146 10N006 803 1
C146 21R010 607 8	C146 10R024 953 8	C146 10N006 806 1
C146 21R010 650 1	C146 10F006 000 1	C146 10N006 806 2
C146 21R010 650 8	C146 10F006 003 1	C146 10N006 807 1
C146 21R010 652 1	C146 10F006 100 1	C146 10N006 807 2
C146 21R010 652 8	C146 10F006 500 1	C146 10N010 500 1
C146 21R010 656 1	C146 10F006 506 1	C146 10N010 500 2
C146 21R010 656 8	C146 10F006 600 1	C146 10N010 501 1
C146 21R010 802 1	C146 10F006 606 1	C146 10N010 501 2
C146 21R010 802 8	C146 10F006 806 1	C146 10N010 508 2
C146 21R010 804 1	C146 10F006 806 2	C146 10N010 509 1
C146 21R010 804 8	C146 10F006 900 1	C146 10N010 600 2
C146 21R010 805 8	C146 10F006 908 1	C146 10N010 601 1
C146 21R010 852 1	C146 10F010 000 1	C146 10N010 601 2
C146 21R010 852 8	C146 10F010 000 3	C146 10N010 603 1
C146 21R010 854 1	C146 10F010 001 1	C146 10N010 603 2
C146 21R010 854 8	C146 10F010 002 1	C146 10N010 604 1
C146 21R010 891 8	C146 10F010 003 1	C146 10N010 604 2
C146 21R010 902 1	C146 10F010 005 1	C146 10N010 605 1
C146 21R010 902 8	C146 10F010 090 1	C146 10N010 606 2
C146 21R010 903 8	C146 10F010 290 1	C146 10N010 607 1
C146 21R010 904 8	C146 10F010 500 1	C146 10N010 607 2
C146 21R010 905 8	C146 10F010 507 2	C146 10N010 609 1
C146 21R016 500 1	C146 10F010 600 1	C146 10N010 609 2
C146 21R016 500 8	C146 10F010 600 3	C146 10N010 802 1
C146 21R016 501 8	C146 10F010 602 1	C146 10N010 802 2
C146 21R016 502 1	C146 10F010 604 1	C146 10N010 803 1
C146 21R016 502 8	C146 10F010 606 1	C146 10N010 803 2
C146 21R016 503 8	C146 10F010 804 1	C146 10N010 804 2
C146 21R016 506 1	C146 10F010 806 1	C146 10N010 805 1
C146 21R016 506 8	C146 10F010 926 1	C146 10N010 806 2
C146 21R016 507 8	C146 10F016 000 1	C146 10N010 807 1
C146 21R016 550 1	C146 10F016 000 3	C146 10N010 807 2
C146 21R016 552 1	C146 10F016 001 1	C146 10N016 500 1

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Housings IP65 & IP66 & IP67 E6-E24:

C146 21R016 556 1	C146 10F016 002 1	C146 10N016 500 2
C146 21R016 556 8	C146 10F016 003 1	C146 10N016 508 2
C146 21R016 600 1	C146 10F016 005 1	C146 10N016 600 1
C146 21R016 600 8	C146 10F016 500 1	C146 10N016 600 2
C146 21R016 601 8	C146 10F016 600 1	C146 10N016 601 2
C146 21R016 602 1	C146 10F016 600 3	C146 10N016 602 1
C146 21R016 602 8	C146 10F016 604 1	C146 10N016 602 2
C146 21R016 603 8	C146 10F016 606 1	C146 10N016 603 2
C146 21R016 606 1	C146 10F016 802 1	C146 10N016 604 1
C146 21R016 606 8	C146 10F016 806 1	C146 10N016 604 2
C146 21R016 607 8	C146 10F016 902 1	C146 10N016 606 1
C146 21R016 650 1	C146 10F024 000 1	C146 10N016 606 2
C146 21R016 652 1	C146 10F024 000 3	C146 10N016 607 2
C146 21R016 652 8	C146 10F024 001 1	C146 10N016 608 2
C146 21R016 656 1	C146 10F024 002 1	C146 10N016 802 1
C146 21R016 656 8	C146 10F024 003 1	C146 10N016 802 2
C146 21R016 802 1	C146 10F024 004 1	C146 10N016 804 1
C146 21R016 802 8	C146 10F024 005 1	C146 10N016 804 2
C146 21R016 803 8	C146 10F024 071 1	C146 10N016 806 1
C146 21R016 804 1	C146 10F024 100 1	C146 10N016 806 2
C146 21R016 804 8	C146 10F024 500 1	C146 10N016 901 2
C146 21R016 805 8	C146 10F024 600 1	C146 10N024 500 1
C146 21R016 852 1	C146 10F024 606 1	C146 10N024 500 2
C146 21R016 852 8	C146 10F024 806 1	C146 10N024 500 3
C146 21R016 854 1	C146 10F024 902 1	C146 10N024 502 2
C146 21R016 910 8	C146 10F024 921 1	C146 10N024 508 2
C146 21R016 917 8	C146 10F040 500 2	C146 10N024 600 1
C146 21R024 500 1	C146 10F040 600 2	C146 10N024 600 2
C146 21R024 500 8	C146 10F064 500 2	C146 10N024 600 3
C146 21R024 501 8	C146 10F064 600 2	C146 10N024 601 2
C146 21R024 502 1	C146 10F064 806 2	C146 10N024 602 1
C146 21R024 502 8	C146 10FE16 000 1	C146 10N024 602 2
C146 21R024 503 8	C146 10G006 500 1	C146 10N024 604 1
C146 21R024 506 1	C146 10G006 501 1	C146 10N024 604 2
C146 21R024 506 8	C146 10G006 506 8	C146 10N024 606 1
C146 21R024 507 8	C146 10G006 507 8	C146 10N024 606 2
C146 21R024 550 1	C146 10G006 600 1	C146 10N024 607 2
C146 21R024 550 8	C146 10G006 601 1	C146 10N024 608 2
C146 21R024 552 1	C146 10G006 606 8	C146 10N024 612 2

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Housings IP65 & IP66 & IP67 E6-E24:

C146 21R024 552 8	C146 10G006 607 8	C146 10N024 802 1
C146 21R024 556 1	C146 10G006 656 8	C146 10N024 802 2
C146 21R024 556 8	C146 10G006 804 1	C146 10N024 804 1
C146 21R024 600 1	C146 10G006 804 8	C146 10N024 804 2
C146 21R024 600 8	C146 10G006 805 1	C146 10N024 806 1
C146 21R024 601 8	C146 10G006 900 8	C146 10N024 806 2
C146 21R024 602 1	C146 10G010 500 1	C146 80G024 901 8
C146 21R024 602 8	C146 10G010 500 3	C146 80K024 000 1
C146 21R024 603 8	C146 10G010 500 8	C146 67F006 000 8
C146 21R024 606 1	C146 10G010 501 1	C146 67F010 000 8
C146 21R024 606 8	C146 10G010 501 8	C146 67F016 000 8
C146 21R024 607 8	C146 10G010 502 1	C146 67F024 000 8
C146 21R024 650 1	C146 10G010 506 1	C146 67R006 507 1
C146 21R024 650 8	C146 10G010 506 8	C146 67R006 607 1
C146 21R024 652 1	C146 10G010 507 1	C146 67R010 500 1
C146 21R024 652 8	C146 10G010 507 8	C146 67R010 600 1
C146 21R024 656 1	C146 10G010 550 8	C146 67R016 500 8
C146 21R024 656 8	C146 10G010 600 1	C146 67R016 501 8
C146 21R024 700 1	C146 10G010 600 8	C146 67R016 600 8
C146 21R024 802 1	C146 10G010 601 1	C146 67R024 501 8
C146 21R024 802 8	C146 10G010 601 8	C146 67R024 601 8
C146 21R024 803 8	C146 10G010 602 1	C146 30F006 003 1
C146 21R024 804 1	C146 10G010 602 8	C146 30F010 003 1
C146 21R024 804 8	C146 10G010 603 8	C146 30F016 003 1
C146 21R024 805 8	C146 10G010 606 1	C146 30F024 003 1
C146 21R024 852 1	C146 10G010 606 8	C146 36F016 000 1
C146 21R024 854 1	C146 10G010 607 1	C146 36F024 000 1
C146 21R024 854 8	C146 10G010 607 8	C146 36R016 502 8
C146 21R024 901 8	C146 10G010 650 8	C146 36R016 602 8
C146 21R024 904 8	C146 10G010 802 1	C146 36R024 501 8
C146 21R024 908 8	C146 10G010 802 8	C146 36R024 601 8
C146 21R024 910 8	C146 10G010 803 1	C146 10Z006 100 1
C146 21R024 916 8	C146 10G010 803 8	C146 10Z006 120 1
C146 21R024 918 8	C146 10G010 804 1	C146 10Z006 121 1
C146 21RE16 500 1	C146 10G010 804 8	C146 10Z006 200 1
C146 21RE16 550 1	C146 10G010 902 8	C146 10Z006 220 1
C146 10R006 506 1	C146 10G016 500 1	C146 10Z010 001 8
C146 10R006 506 8	C146 10G016 500 3	C146 10Z010 100 1
C146 10R006 507 1	C146 10G016 500 8	C146 10Z010 104 1

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Housings IP65 & IP66 & IP67 E6-E24:

C146 10R006 556 8	C146 10G016 501 1	C146 10Z010 120 1
C146 10R006 606 1	C146 10G016 501 8	C146 10Z010 121 1
C146 10R006 606 8	C146 10G016 502 1	C146 10Z010 200 1
C146 10R006 607 1	C146 10G016 502 8	C146 10Z010 220 1
C146 10R006 656 8	C146 10G016 503 8	C146 10Z010 300 1
C146 10R006 804 1	C146 10G016 506 1	C146 10Z016 100 1
C146 10R010 500 1	C146 10G016 506 8	C146 10Z016 101 1
C146 10R010 502 1	C146 10G016 507 1	C146 10Z016 120 1
C146 10R010 506 1	C146 10G016 507 8	C146 10Z016 120 1 V
C146 10R010 506 8	C146 10G016 600 1	C146 10Z016 121 1
C146 10R010 550 1	C146 10G016 600 8	C146 10Z016 200 1
C146 10R010 550 8	C146 10G016 601 1	C146 10Z016 220 1
C146 10R010 552 1	C146 10G016 601 8	C146 10Z016 220 1 V
C146 10R010 556 1	C146 10G016 602 1	C146 10Z016 300 1
C146 10R010 556 8	C146 10G016 602 8	C146 10Z024 100 1
C146 10R010 600 8	C146 10G016 603 8	C146 10Z024 120 1
C146 10R010 601 8	C146 10G016 606 1	C146 10Z024 120 1 V
C146 10R010 606 1	C146 10G016 606 8	C146 10Z024 121 1
C146 10R010 606 8	C146 10G016 607 1	C146 10Z024 200 1
C146 10R010 650 1	C146 10G016 607 8	C146 10Z024 220 1
C146 10R010 902 8	C146 10G016 802 1	C146 10Z024 220 1 V
C146 10R016 500 1	C146 10G016 802 8	C146 10Z024 300 1
C146 10R016 500 8	C146 10G016 803 8	C146 00F010 902 8
C146 10R016 501 8	C146 10G016 804 1	C146 00F024 001 1
C146 10R016 506 1	C146 10G016 804 8	C146 00R024 507 8
C146 10R016 506 8	C146 10G016 805 8	C146 00Z024 000 1
C146 10R016 507 8	C146 10G016 902 8	C146 22G010 500 1
C146 10R016 550 1	C146 10G024 500 1	C146 22G010 606 1
C146 10R016 556 1	C146 10G024 500 3	C146 23R016 600 1
C146 10R016 556 8	C146 10G024 500 8	C146 23R016 600 8
C146 10R016 600 1	C146 10G024 501 1	C146 23R016 640 1
	C146 10G024 501 8	C146 23R016 641 1
	C146 10G024 502 1	C146 51F006 902 8
		C146 51F010 902 8
		C146 51F016 902 8
		C146 51F024 902 8
		C146 62R024 501 8

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Housings EMC E6-E24:

C146 11F006 001 8	C146 11G024 901 8	C146 11R016 503 8
C146 11F006 901 8	C146 11G024 902 8	C146 11R016 550 1
C146 11F006 902 8	C146 11G024 903 8	C146 11R016 600 1
C146 11F006 912 8	C146 11G024 912 8	C146 11R016 600 8
C146 11F006 932 8	C146 11G024 913 8	C146 11R016 601 8
C146 11F010 000 8	C146 11N006 803 2	C146 11R016 650 1
C146 11F010 901 8	C146 11N016 500 2	C146 11R016 650 8
C146 11F010 902 8	C146 11N024 500 2	C146 11R016 904 8
C146 11F010 906 8	C146 11R006 506 1	C146 11R016 905 8
C146 11F016 000 8	C146 11R006 506 8	C146 11R016 906 8
C146 11F016 901 8	C146 11R006 507 1	C146 11R016 907 8
C146 11F016 902 8	C146 11R006 556 1	C146 11R016 908 8
C146 11F016 932 8	C146 11R006 556 8	C146 11R016 909 8
C146 11F024 000 8	C146 11R006 606 1	C146 11R016 911 8
C146 11F024 901 8	C146 11R006 606 8	C146 11R016 912 8
C146 11F024 902 8	C146 11R006 607 1	C146 11R016 913 8
C146 11F024 932 8	C146 11R006 617 1	C146 11R016 914 8
C146 11FE24 932 8	C146 11R006 656 8	C146 11R016 915 8
C146 11G006 506 1	C146 11R010 500 1	C146 11R016 917 8
C146 11G006 506 8	C146 11R010 500 8	C146 11R016 919 8
C146 11G006 507 1	C146 11R010 550 1	C146 11R024 500 1
C146 11G006 606 8	C146 11R010 550 8	C146 11R024 500 8
C146 11G006 607 1	C146 11R010 600 1	C146 11R024 501 8
C146 11G006 656 1	C146 11R010 600 8	C146 11R024 503 8
C146 11G006 901 1	C146 11R010 601 1	C146 11R024 550 1
C146 11G010 500 1	C146 11R010 601 8	C146 11R024 550 8
C146 11G010 506 8	C146 11R010 606 8	C146 11R024 600 1
C146 11G010 600 1	C146 11R010 650 1	C146 11R024 600 8
C146 11G010 601 8	C146 11R010 650 8	C146 11R024 601 8
C146 11G010 606 8	C146 11R010 656 8	C146 11R024 650 1
C146 11G010 902 8	C146 11R010 901 8	C146 11R024 650 8
C146 11G010 907 8	C146 11R010 902 8	C146 11R024 812 8
C146 11G016 500 1	C146 11R010 905 8	C146 11R024 901 8
C146 11G016 500 8	C146 11R010 906 8	C146 11R024 902 8
C146 11G016 501 1	C146 11R010 907 8	C146 11R024 903 8
C146 11G016 501 8	C146 11R010 908 8	C146 11R024 904 8
C146 11G016 600 8	C146 11R010 909 8	C146 11R024 909 8
C146 11G016 601 8	C146 11R010 910 8	C146 11R024 910 8
C146 11G016 904 8	C146 11R010 912 8	C146 11R024 915 8

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Housings EMC E6-E24:

C146 11G016 905 8	C146 11R010 916 8	C146 11R024 916 8
C146 11G016 906 8	C146 11R010 917 8	C146 11R024 917 8
C146 11G024 500 1	C146 11R010 918 8	C146 11R024 918 8
C146 11G024 501 1	C146 11R010 919 8	C146 11R024 919 8
C146 11G024 501 8	C146 11R016 500 1	C146 11Z006 000 8
C146 11G024 601 1	C146 11R016 500 8	C146 11Z016 000 8
C146 11G024 601 8	C146 11R016 501 8	

Corrosion resistant housings E6-E24:

C146 50F006 000 1	C146 50N024 600 2	C146 50R016 500 8
C146 50F010 000 1	C146 50R006 507 1	C146 50R016 600 8
C146 50F016 000 1	C146 50R006 605 8	C146 50R024 501 8
C146 50F024 000 1	C146 50R006 607 1	C146 50R024 601 8
C146 50G006 501 1	C146 50R010 500 1	C146 90F006 806 1
C146 50G006 506 8	C146 50R010 600 1	C146 90F006 908 1
C146 50G006 507 8	C146 50R010 900 1	C146 90N010 807 1
C146 50G006 900 8		