

SIPLUS HMI KTP900 Basic Color PN based on 6AV2123-2JB03-0AX0 with conformal coating, -20...+50 °C, 9" TFT display, 65536 colors PROFINET interface



Figure similar

| General information                                                   |                                          |
|-----------------------------------------------------------------------|------------------------------------------|
| Product type designation                                              | KTP900 Basic color PN                    |
| based on                                                              | <a href="#">6AV2123-2JB03-0AX0</a>       |
| Display                                                               |                                          |
| Design of display                                                     | TFT widescreen display, LED backlighting |
| Screen diagonal                                                       | 9 in                                     |
| Display width                                                         | 198 mm                                   |
| Display height                                                        | 111.7 mm                                 |
| Number of colors                                                      | 65 536                                   |
| Resolution (pixels)                                                   |                                          |
| • Horizontal image resolution                                         | 800 pixel                                |
| • Vertical image resolution                                           | 480 pixel                                |
| Backlighting                                                          |                                          |
| • MTBF backlighting (at 25 °C)                                        | 20 000 h                                 |
| • Backlight dimmable                                                  | Yes                                      |
| Control elements                                                      |                                          |
| Keyboard fonts                                                        |                                          |
| • Function keys                                                       |                                          |
| — Number of function keys                                             | 8                                        |
| — Number of function keys with LEDs                                   | 0                                        |
| • Keys with LED                                                       | No                                       |
| • System keys                                                         | No                                       |
| • Numeric keyboard                                                    | Yes; Onscreen keyboard                   |
| • alphanumeric keyboard                                               | Yes; Onscreen keyboard                   |
| Touch operation                                                       |                                          |
| • Design as touch screen                                              | Yes; Analog-resistive                    |
| Installation type/mounting                                            |                                          |
| Mounting position                                                     | vertical                                 |
| Mounting in portrait format possible                                  | Yes                                      |
| Mounting in landscape format possible                                 | Yes                                      |
| maximum permissible angle of inclination without external ventilation | 35°                                      |
| Supply voltage                                                        |                                          |
| Type of supply voltage                                                | DC                                       |
| Rated value (DC)                                                      | 24 V                                     |
| permissible range, lower limit (DC)                                   | 19.2 V                                   |
| permissible range, upper limit (DC)                                   | 28.8 V                                   |
| Input current                                                         |                                          |

|                                                  |                                         |
|--------------------------------------------------|-----------------------------------------|
| Current consumption (rated value)                | 230 mA                                  |
| Starting current inrush I <sup>2</sup> t         | 0.2 A²·s                                |
| <b>Power</b>                                     |                                         |
| Active power input, typ.                         | 5.5 W                                   |
| <b>Processor</b>                                 |                                         |
| Processor type                                   | ARM                                     |
| <b>Memory</b>                                    |                                         |
| Flash                                            | Yes                                     |
| RAM                                              | Yes                                     |
| Memory available for user data                   | 10 Mbyte                                |
| <b>Type of output</b>                            |                                         |
| Acoustics                                        |                                         |
| • Buzzer                                         | Yes                                     |
| • Speaker                                        | No                                      |
| <b>Time of day</b>                               |                                         |
| Clock                                            |                                         |
| • Hardware clock (real-time)                     | Yes                                     |
| • Software clock                                 | Yes                                     |
| • retentive                                      | Yes; Back-up duration typically 6 weeks |
| • synchronizable                                 | Yes                                     |
| <b>Interfaces</b>                                |                                         |
| Number of industrial Ethernet interfaces         | 1                                       |
| Number of RS 485 interfaces                      | 0                                       |
| Number of RS 422 interfaces                      | 0                                       |
| Number of RS 232 interfaces                      | 0                                       |
| Number of USB interfaces                         | 1; Up to 16 GB                          |
| Number of 20 mA interfaces (TTY)                 | 0                                       |
| Number of parallel interfaces                    | 0                                       |
| Number of other interfaces                       | 0                                       |
| Number of SD card slots                          | 0                                       |
| With software interfaces                         | No                                      |
| <b>Industrial Ethernet</b>                       |                                         |
| • Industrial Ethernet status LED                 | 2                                       |
| <b>Protocols</b>                                 |                                         |
| PROFINET                                         | Yes                                     |
| Supports protocol for PROFINET IO                | No                                      |
| IRT                                              | No                                      |
| PROFIBUS                                         | No                                      |
| EtherNet/IP                                      | Yes                                     |
| MPI                                              | No                                      |
| <b>Protocols (Ethernet)</b>                      |                                         |
| • TCP/IP                                         | Yes                                     |
| • DHCP                                           | Yes                                     |
| • DCP                                            | Yes                                     |
| • LLDP                                           | Yes                                     |
| <b>WEB characteristics</b>                       |                                         |
| • HTTP                                           | No                                      |
| • HTML                                           | No                                      |
| <b>Redundancy mode</b>                           |                                         |
| Media redundancy                                 |                                         |
| — MRP                                            | No                                      |
| <b>Further protocols</b>                         |                                         |
| • CAN                                            | No                                      |
| • MODBUS                                         | Yes; Modicon (MODBUS TCP/IP)            |
| <b>Interrupts/diagnostics/status information</b> |                                         |
| Diagnoses                                        |                                         |
| • Diagnostic information readable                | No                                      |
| <b>EMC</b>                                       |                                         |

|                                                                                                             |                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Emission of radio interference acc. to EN 55 011                                                            |                                                                                                                                                                                                                 |
| • Limit class A, for use in industrial areas                                                                | Yes                                                                                                                                                                                                             |
| • Limit class B, for use in residential areas                                                               | No                                                                                                                                                                                                              |
| <b>Degree and class of protection</b>                                                                       |                                                                                                                                                                                                                 |
| IP (at the front)                                                                                           | IP65                                                                                                                                                                                                            |
| IP (rear)                                                                                                   | IP20                                                                                                                                                                                                            |
| NEMA (front)                                                                                                |                                                                                                                                                                                                                 |
| • Enclosure Type 4 at the front                                                                             | Yes                                                                                                                                                                                                             |
| • Enclosure Type 4x at the front                                                                            | Yes                                                                                                                                                                                                             |
| <b>Ambient conditions</b>                                                                                   |                                                                                                                                                                                                                 |
| Ambient temperature during operation                                                                        |                                                                                                                                                                                                                 |
| Operation (vertical installation)                                                                           |                                                                                                                                                                                                                 |
| — For vertical installation, min.                                                                           | -20 °C                                                                                                                                                                                                          |
| — For vertical installation, max.                                                                           | 50 °C                                                                                                                                                                                                           |
| Operation (max. tilt angle)                                                                                 |                                                                                                                                                                                                                 |
| — At maximum tilt angle, min.                                                                               | -20 °C                                                                                                                                                                                                          |
| — At maximum tilt angle, max.                                                                               | 40 °C                                                                                                                                                                                                           |
| Operation (vertical installation, portrait format)                                                          |                                                                                                                                                                                                                 |
| — For vertical installation, min.                                                                           | -20 °C                                                                                                                                                                                                          |
| — For vertical installation, max.                                                                           | 40 °C                                                                                                                                                                                                           |
| Operation (max. tilt angle, portrait format)                                                                |                                                                                                                                                                                                                 |
| — At maximum tilt angle, min.                                                                               | -20 °C                                                                                                                                                                                                          |
| — At maximum tilt angle, max.                                                                               | 35 °C                                                                                                                                                                                                           |
| Ambient temperature during storage/transportation                                                           |                                                                                                                                                                                                                 |
| • min.                                                                                                      | -20 °C                                                                                                                                                                                                          |
| • max.                                                                                                      | 60 °C                                                                                                                                                                                                           |
| Altitude during operation relating to sea level                                                             |                                                                                                                                                                                                                 |
| • Installation altitude above sea level, max.                                                               | 5 000 m                                                                                                                                                                                                         |
| • Ambient air temperature-barometric pressure-altitude                                                      | Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax -20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m) |
| Relative humidity                                                                                           |                                                                                                                                                                                                                 |
| • With condensation, tested in accordance with IEC 60068-2-38, max.                                         | 100 %; RH incl. condensation/frost (no commissioning under condensation conditions)                                                                                                                             |
| Resistance                                                                                                  |                                                                                                                                                                                                                 |
| Coolants and lubricants                                                                                     |                                                                                                                                                                                                                 |
| — Resistant to commercially available coolants and lubricants                                               | Yes; Incl. diesel and oil droplets in the air                                                                                                                                                                   |
| Use in stationary industrial systems                                                                        |                                                                                                                                                                                                                 |
| — to biologically active substances according to EN 60721-3-3                                               | Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request                                                                                                              |
| — to chemically active substances according to EN 60721-3-3                                                 | Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *                                                                                                                        |
| — to mechanically active substances according to EN 60721-3-3                                               | Yes; Class 3S4 incl. sand, dust, *                                                                                                                                                                              |
| Use on ships/at sea                                                                                         |                                                                                                                                                                                                                 |
| — to biologically active substances according to EN 60721-3-6                                               | Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request                                                                                                                                   |
| — to chemically active substances according to EN 60721-3-6                                                 | Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *                                                                                                                        |
| — to mechanically active substances according to EN 60721-3-6                                               | Yes; Class 6S3 incl. sand, dust; *                                                                                                                                                                              |
| Usage in industrial process technology                                                                      |                                                                                                                                                                                                                 |
| — Against chemically active substances acc. to EN 60654-4                                                   | Yes; Class 3 (excluding trichlorethylene)                                                                                                                                                                       |
| — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04                | Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil)                             |
| Remark                                                                                                      |                                                                                                                                                                                                                 |
| — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 | * The supplied plug covers must remain in place over the unused interfaces during operation!                                                                                                                    |
| Conformal coating                                                                                           |                                                                                                                                                                                                                 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Coatings for printed circuit board assemblies acc. to EN 61086</li> <li>• Protection against fouling acc. to EN 60664-3</li> <li>• Military testing according to MIL-I-46058C, Amendment 7</li> <li>• Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                  | Yes; Class 2 for high reliability<br><br>Yes; Type 1 protection<br>Yes; Discoloration of coating possible during service life<br>Yes; Conformal coating, Class A |
| <b>Operating systems</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                  |
| proprietary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes                                                                                                                                                              |
| pre-installed operating system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                  |
| <ul style="list-style-type: none"> <li>• Windows CE</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No                                                                                                                                                               |
| <b>Configuration</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                  |
| Message indicator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                                                                                                                                              |
| Alarm system (incl. buffer and acknowledgment)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                                                                                                                                              |
| Process value display (output)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                                                                                                                                              |
| Process value default (input) possible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                                                                                                                                              |
| Recipe management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                                                                                                                                              |
| <b>Configuration software</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                  |
| <ul style="list-style-type: none"> <li>• STEP 7 Basic (TIA Portal)</li> <li>• STEP 7 Professional (TIA Portal)</li> <li>• WinCC flexible Compact</li> <li>• WinCC flexible Standard</li> <li>• WinCC flexible Advanced</li> <li>• WinCC Basic (TIA Portal)</li> <li>• WinCC Comfort (TIA Portal)</li> <li>• WinCC Advanced (TIA Portal)</li> <li>• WinCC Professional (TIA Portal)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                    | Yes; via integrated WinCC Basic (TIA Portal)<br>Yes; via integrated WinCC Basic (TIA Portal)<br>No<br>No<br>No<br>Yes<br>Yes<br>Yes<br>Yes                       |
| <b>Languages</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                  |
| <b>Online languages</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                  |
| <ul style="list-style-type: none"> <li>• Number of online/runtime languages</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10                                                                                                                                                               |
| <b>Project languages</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                  |
| <ul style="list-style-type: none"> <li>• Languages per project</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 32                                                                                                                                                               |
| <b>Functionality under WinCC (TIA Portal)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                  |
| Libraries                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yes                                                                                                                                                              |
| Applications/options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                  |
| <ul style="list-style-type: none"> <li>• Web browser</li> <li>• SIMATIC WinCC Sm@rtServer</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes<br>Yes; Available with WinCC (TIA Portal) V14 or higher                                                                                                      |
| Number of Visual Basic Scripts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No                                                                                                                                                               |
| Task planner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes                                                                                                                                                              |
| <ul style="list-style-type: none"> <li>• time-controlled</li> <li>• task-controlled</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No<br>Yes                                                                                                                                                        |
| Help system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes                                                                                                                                                              |
| <ul style="list-style-type: none"> <li>• Number of characters per info text</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 500                                                                                                                                                              |
| <b>Message system</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |
| <ul style="list-style-type: none"> <li>• Number of alarm classes</li> <li>• Bit messages             <ul style="list-style-type: none"> <li>— Number of bit messages</li> </ul> </li> <li>• Analog messages             <ul style="list-style-type: none"> <li>— Number of analog messages</li> </ul> </li> <li>• S7 alarm number procedure</li> <li>• System messages HMI</li> <li>• System event, more (SIMATIC S7, SINUMERIK, SIMOTION, ... )</li> <li>• Number of characters per message</li> <li>• Number of process values per message</li> <li>• Acknowledgment groups</li> <li>• Message indicator</li> <li>• Message buffer             <ul style="list-style-type: none"> <li>— Number of entries</li> <li>— Circulating buffer</li> </ul> </li> </ul> | 32<br><br>1 000<br><br>25<br>No<br>Yes<br>Yes; System message buffer of the SIMATIC S7-1200 and S7-1500<br><br>80<br>8<br>Yes<br>Yes<br>Yes<br>256<br>Yes        |

|                                        |                                                               |
|----------------------------------------|---------------------------------------------------------------|
| — retentive                            | Yes                                                           |
| — maintenance-free                     | Yes                                                           |
| Recipe management                      |                                                               |
| • Number of recipes                    | 50                                                            |
| • Data records per recipe              | 100                                                           |
| • Entries per data record              | 100                                                           |
| • Size of internal recipe memory       | 256 kbyte                                                     |
| • Recipe memory expandable             | No                                                            |
| Variables                              |                                                               |
| • Number of variables per device       | 800                                                           |
| • Number of variables per screen       | 100                                                           |
| • Limit values                         | Yes                                                           |
| • Multiplexing                         | Yes                                                           |
| • Structures                           | No                                                            |
| • Arrays                               | Yes                                                           |
| Images                                 |                                                               |
| • Number of configurable images        | 250                                                           |
| • Permanent window/default             | Yes                                                           |
| • Global image                         | Yes                                                           |
| • Pop-up images                        | No                                                            |
| • Slide-in images                      | No                                                            |
| • Image selection by PLC               | Yes                                                           |
| • Image number in the PLC              | Yes                                                           |
| Image objects                          |                                                               |
| • Number of objects per image          | 100                                                           |
| • Text fields                          | Yes                                                           |
| • I/O fields                           | Yes                                                           |
| • Graphic I/O fields (graphics list)   | Yes                                                           |
| • Symbolic I/O fields (text list)      | Yes                                                           |
| • Date/time fields                     | Yes                                                           |
| • Switches                             | Yes                                                           |
| • Buttons                              | Yes                                                           |
| • Graphic display                      | Yes                                                           |
| • Icons                                | Yes                                                           |
| • Geometric objects                    | Yes                                                           |
| Complex image objects                  |                                                               |
| • Number of complex objects per screen | 10                                                            |
| • Alarm view                           | Yes                                                           |
| • Trend view                           | Yes                                                           |
| • User view                            | Yes                                                           |
| • Status/control                       | No                                                            |
| • Sm@rtClient view                     | No                                                            |
| • Recipe view                          | Yes                                                           |
| • f(x) trend view                      | No                                                            |
| • System diagnostics view              | Yes; System message buffer of the SIMATIC S7-1200 and S7-1500 |
| • Media Player                         | No                                                            |
| • HTML browser                         | Yes                                                           |
| • PDF display                          | No                                                            |
| • IP camera display                    | No                                                            |
| • Bar graphs                           | Yes                                                           |
| • Sliders                              | No                                                            |
| • Pointer instruments                  | No                                                            |
| • Analog/digital clock                 | No                                                            |
| Lists                                  |                                                               |
| • Number of text lists per project     | 300                                                           |
| • Number of entries per text list      | 100                                                           |
| • Number of graphics lists per project | 100                                                           |
| • Number of entries per graphics list  | 100                                                           |
| Archiving                              |                                                               |

|                                                        |                            |
|--------------------------------------------------------|----------------------------|
| • Number of archives per device                        | 2                          |
| • Number of entries per archive                        | 10 000                     |
| • Message archive                                      | Yes                        |
| • Process value archive                                | Yes                        |
| • Archiving methods                                    |                            |
| — Sequential archive                                   | Yes                        |
| — Short-term archive                                   | Yes                        |
| • Memory location                                      |                            |
| — Memory card                                          | No                         |
| — USB memory                                           | Yes                        |
| — Ethernet                                             | No                         |
| • Data storage format                                  |                            |
| — CSV                                                  | No                         |
| — TXT                                                  | Yes                        |
| — RDB                                                  | No                         |
| <b>Security</b>                                        |                            |
| • Number of user groups                                | 50                         |
| • Number of user rights                                | 32                         |
| • Number of users                                      | 50                         |
| • Password export/import                               | Yes                        |
| • SIMATIC Logon                                        | No                         |
| <b>Character sets</b>                                  |                            |
| • Keyboard fonts                                       |                            |
| — US English                                           | Yes                        |
| <b>Transfer (upload/download)</b>                      |                            |
| • MPI/PROFIBUS DP                                      | No                         |
| • USB                                                  | No                         |
| • Ethernet                                             | Yes                        |
| • using external storage medium                        | Yes                        |
| <b>Process coupling</b>                                |                            |
| • S7-1200                                              | Yes                        |
| • S7-1500                                              | Yes                        |
| • S7-200                                               | Yes                        |
| • S7-300/400                                           | Yes                        |
| • LOGO!                                                | Yes                        |
| • WinAC                                                | Yes                        |
| • SINUMERIK                                            | Yes; No access to NCK data |
| • SIMOTION                                             | Yes                        |
| • Allen Bradley (EtherNet/IP)                          | Yes                        |
| • Allen Bradley (DF1)                                  | No                         |
| • Mitsubishi (MC TCP/IP)                               | Yes                        |
| • Mitsubishi (FX)                                      | No                         |
| • OMRON (FINS TCP)                                     | No                         |
| • OMRON (LINK/Multilink)                               | No                         |
| • Modicon (Modbus TCP/IP)                              | Yes                        |
| • Modicon (Modbus)                                     | No                         |
| <b>Service tools/configuration aids</b>                |                            |
| • Backup/Restore manually                              | Yes                        |
| • Backup/Restore automatically                         | No                         |
| • Simulation                                           | Yes                        |
| • Device switchover                                    | Yes                        |
| <b>Peripherals/Options</b>                             |                            |
| Printer                                                | No                         |
| SIMATIC HMI MM memory card: Multi Media Card           | No                         |
| SIMATIC HMI SD memory card: Secure Digital memory card | No                         |
| SIMATIC HMI CF memory card Compact Flash Card          | No                         |
| USB memory                                             | Yes                        |
| SIMATIC IPC USB Flashdrive (USB stick)                 | Yes                        |
| SIMATIC HMI USB stick                                  | Yes                        |

| Mechanics/material         |         |
|----------------------------|---------|
| Enclosure material (front) |         |
| • Plastic                  | Yes     |
| • Aluminum                 | No      |
| • Stainless steel          | No      |
| Dimensions                 |         |
| Width of the housing front | 267 mm  |
| Height of housing front    | 182 mm  |
| Mounting cutout, width     | 251 mm  |
| Mounting cutout, height    | 166 mm  |
| mounting depth             | 39.4 mm |
| Weights                    |         |
| Weight (without packaging) | 1 130 g |
| Weight (with packaging)    | 1 393 g |
| Classifications            |         |

|        | Version | Classification |
|--------|---------|----------------|
| eClass | 14      | 27-33-02-01    |
| eClass | 12      | 27-33-02-01    |
| eClass | 9.1     | 27-33-02-01    |
| eClass | 9       | 27-33-02-01    |
| eClass | 8       | 27-24-23-02    |
| eClass | 7.1     | 27-24-23-02    |
| eClass | 6       | 27-24-23-02    |
| ETIM   | 10      | EC001412       |
| ETIM   | 9       | EC001412       |
| ETIM   | 8       | EC001412       |
| ETIM   | 7       | EC001412       |
| IDEA   | 4       | 6607           |
| UNSPSC | 15      | 43-21-15-06    |

| Approvals / Certificates |     |
|--------------------------|-----|
| General Product Approval | EMV |

[Manufacturer Declaration](#)



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[KC](#)

| EMV |
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last modified:

7/23/2025