



7KN POWERCENTER 3000 V1 IP communication interface for SENTRON and other Modbus devices for visualization, evaluation and archiving supported at 10 languages. Further interconnection to Mind-Sphere and other Clouds

Model	
product brand name	SETRON
product designation	7KN powercenter3000
design of the housing	Built-in unit
design of the product	IP communication interface for SETRON devices for visualization, evaluation, such as ISO 50001, and MindSphere integration
General technical data	
operating system / pre-installed	Linux
storage capacity / of the main memory or RAM / maximum	2 Gbyte
type of memory	DDR4
storage capacity / on hard disk	32 Gbyte
number of interfaces / acc. to USB	2
Supply voltage	
type of voltage / of the supply voltage	DC
Protection class	
protection class IP	IP40
protection class IP / on the front	IP20
Suitability	
suitability for use	PAC1600, PAC2200, PAC3100, PAC3120, PAC3200, PAC3200T, PAC3220, PAC4200, 3VA COM100, 3VA COM800, 3WL COM35, 3WL COM16, Modbus Device
• safety-related function	No
Product details	
product component / hard disk drive	Yes
Communication	
number of interfaces	
• acc. to Industrial Ethernet	2
• acc. to RS 485	0
• acc. to USB	2
protocol / is supported / MODBUS protocol	Yes
Number	
number of supported devices	32
Mechanical Design	
height	85 mm
width	85 mm
depth	41 mm
fastening method / rail mounting	Yes

net weight	0.35 kg
Environmental conditions	
type of coating • protection against pollution according to EN 60664-3 • protection against pollution according to EN 60664-3	Yes Protection of type 1
relative humidity / with condensation • acc. to IEC 60068-2-38 / maximum • acc. to IEC 60068-2-38	98 % RH incl. bedewing / frost (no commissioning in bedewed state), horizontal mounting position
shock acceleration / during operation / acc. to EN 60068-2-27	150 m/s ² , 11 ms
ambient temperature / during operation • minimum • maximum	0 °C 55 °C
ambient temperature / during storage and transport • minimum • maximum	-20 °C 70 °C
• resistance to biologically active substances / conformity acc. to EN 60721-3-3 • resistance to biologically active substances / conformity acc. to EN 60721-3-3 • resistance to chemically active substances — conformity acc. to EN 60721-3-3 — conformity acc. to EN 60721-3-3 • resistance to mechanically active substances — conformity acc. to EN 60721-3-3 — conformity acc. to EN 60721-3-3 • — resistance to biologically active substances / conformity acc. to EN 60721-3-6 — resistance to chemically active substances / conformity acc. to EN 60721-3-6 • resistance to mechanically active substances — conformity acc. to EN 60721-3-6 — conformity acc. to EN 60721-3-6	Yes Class 3B2 mold and fungal spores (except fauna); Yes Class 3C4 (RH < 75 %) incl. salt spray in accordance with EN 60068-2-52 (severity 3); * Yes Class 3S4 incl. sand, dust; * Yes Class 6C3 (RH < 75 %) incl. salt spray in accordance with EN 60068-2-52 (severity 3); * Yes Class 6S3 incl. sand, dust; *
Certificates	
certificate of suitability / CE marking	Yes
reference code / acc. to IEC 81346-2	K
Declaration of Conformity	Dangerous Good



[Dangerous Goods Information](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7KN1310-0MC00-0AA8>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/7KN1310-0MC00-0AA8>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KN1310-0MC00-0AA8

Tender specifications

<http://www.siemens.com/specifications>



