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Data sheet 6GK5998-3GS00-2AC2

product type designation

LPE9403

SCALANCE LPE9403; Local Processing Engine; 64-bit ARMv8 (4-core); 4 GB RAM; 16GB eMMC(pSLC); Debian Linux; 3x 10/100/1000 Mbit/s RJ45; 1x 100/1000 Mbit/s SFP; Contains 1 combo port; 1xUSB3.0; CLP slot; diagnostics LED; redundant power supply; assembly: DIN rail/S7 mounting rail .

hardware configuration	
design of the processor	64Bit ARMv8 A53, 4 core
processor clock frequency	1.4 GHz
design of the drive/storage medium / solid-state disk	Yes; eMMC (pSLC)
storage capacity / on solid-state disk	38 Gibyte
storage capacity / of the RAM	4 Gibyte
operating system / pre-installed	Debian Linux
product component / operating system / docker	Yes
transfer rate	
transfer rate	
● 1	10 Mbit/s
● 2	100 Mbit/s
● 3	1000 Mbit/s
interfaces / for communication / integrated	
number of 10/100/1000 Mbit/s RJ45 ports / integrated / with securing collar	3
number of combo ports / with RJ45 interface for optical plug-in transceiver	1; 100 or 1000 Mbit/s SFP plug-in transceiver
interfaces / other	
number of interfaces / according to USB	2
number of USB-A ports	1
number of USB-B ports	1
design of the removable storage / CLP	Yes
supply voltage, current consumption, power loss	
product component / connection for redundant voltage supply	Yes
type of voltage / 1 / of the supply voltage	DC
supply voltage / 1 / rated value	24 V
power loss [W] / 1 / rated value	16 W
supply voltage / 1 / rated value	19.2 ... 28.8 V
consumed current / 1 / maximum	0.66 A
type of electrical connection / 1 / for power supply	4-pole terminal block
product component / 1 / fusing at power supply input	Yes
fuse protection type / 1 / at input for supply voltage	3.15 A / 125 V
ambient conditions	
ambient temperature	
● during operation	-40 ... +60 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %

protection class IP	IP20
design, dimensions and weights	
design	compact
width	134 mm
height	147 mm
depth	127 mm
net weight	1.6 kg
fastening method	
● 35 mm top hat DIN rail mounting	Yes
● wall mounting	Yes
● S7-300 rail mounting	Yes
● S7-1500 rail mounting	Yes
product functions / management, configuration, engineering	
protocol / is supported	
● SSH	Yes
● HTTP	Yes
● HTTPS	Yes
● FTP	Yes
● LLDP	Yes
● DCP	Yes
● NTP	Yes
● SNMP v2	Yes
● SNMP v3	Yes
● SNTP	Yes
● SSL	Yes
product functions / diagnostics	
● product function / SysLog	Yes
● product function / backup device configuration	Yes
● Product function / User administration	Yes
● product function / port diagnostics	Yes
● product function / CLI	Yes
● product function / web-based management	Yes
● product function / MIB support	Yes
● product function / PROFINET IO diagnosis	Yes
● product function / DHCP client	Yes
standards, specifications, approvals	
standard	
● for emitted interference	EN 61000-6-4:2001 (Class A)
MTBF	29 a
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / other	
certificate of suitability	
● C-Tick	Yes
● KC approval	Yes
● ATEX	Yes
● IECEx	Yes
● CCC / for hazardous zone according to GB standard	Yes
● railway application in accordance with EN 50121-4	Yes
● Regulatory Compliance Mark (RCM)	Yes
● EAC approval	Yes
further information / internet links	
internet link	
● to website: Industry Mall	https://mall.industry.siemens.com
● to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-

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