SIEMENS

Data sheet 6AV6881-0AS42-0AA1

USB flash drive, 32 GB, USB 3.0, scope of supply: 1 USB flash drive



General information	
Product type designation	USB flash drive (without software)
Control elements	
Connection type	
● USB	Yes; USB 3.0 type A
Frame size/design	
● Standard	Yes
● Flat	Yes
Installation type/mounting	
Mounting position	Any, dependent on target device
Mounting in portrait format possible	Yes
Mounting in landscape format possible	Yes
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	5 V
Input current	
Current consumption (rated value)	100 mA; Typical
Storage	
Type of memory	Multi-level cell (MLC)
Memory size	32 Gbyte
Speed class	Up to: read: 75 MB/s, write: 21 MB/s
File format	FAT32
Write cycles MLC flash	3 000; Program/Erase cycle
Write protection switch	No
Interfaces	
Number of USB interfaces	1; USB 3.0 type A
Standards, approvals, certificates	
CE mark	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	50 °C
Ambient temperature during storage/transportation	
● min.	-40 °C
● max.	70 °C
Relative humidity	
● Operation, max.	85 %
● Condensation permissible	No

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Operating systems	
pre-installed operating system	
● Windows CE	Yes
Runs under operating system	
● Windows CE	Yes
● Windows Vista	No
● Windows XP	Yes
● Windows 7	Yes
● Windows 8	Yes
● Windows 10	Yes
● Linux	Yes
Mechanics/material	
Enclosure material (front)	
● Aluminum	Yes
Dimensions	
Width	16.7 mm
Height	59.1 mm
Thickness	7 mm
Weights	
Weight (without packaging)	12 g
Weight (with packaging)	170 g
Scope of supply	
Delivery quantity in pieces	1; Without content
Other	
Merchandise	No
Manufacturer name	SIEMENS AG
Manufacturer's address	Gleiwitzerstraße 555, 90475 Nuremberg, Germany
Target devices	Suitable for IPC and HMI devices with the corresponding interfaces (see manual)
Note:	TP1500 Comfort Outdoor, TP700 Comfort Outdoor: Observe the temperature range

Classifications

	Version	Classification
eClass	14	27-33-02-92
eClass	12	27-33-02-92
eClass	9.1	27-33-02-92
eClass	9	27-33-02-92
eClass	8	27-24-92-03
eClass	7.1	27-24-92-03
eClass	6	27-24-92-03
ETIM	10	EC002584
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval



Further information

Usable in the following products: Detailed information can be found in the cross-list, which is available for download in the following SIOS note: 40466415

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