SIEMENS

Data sheet 6AV7675-0FX20-0AA0



USB drive, 32 GB with recovery function only for HMI EX devices

General information	
Product type designation	USB flash drive
Control elements	
Connection type	
● USB	Yes
Frame size/design	
● Standard	No; Special enclosure for screw mounting
● Flat	No
● Space-saving	Yes; Suitable for hazardous zones with locking screw
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)	5.9 V
Input current	
Current consumption (rated value)	3 A
Power	
Active power input, typ.	6 W
Storage	
Type of memory	USB drive
Memory size	32 Gbyte
Write protection switch	No
Degree and class of protection	
IP (all-round)	IP20
Standards, approvals, certificates	
CE mark	Yes
CSA approval	Yes
RoHS conformity	Yes
Use in hazardous areas	
● ATEX Zone 2	Yes
● ATEX Zone 22	Yes
● IECEx Zone 1	Yes; Non-intrinsically safe
● IECEx Zone 11	Yes; Non-intrinsically safe
● IECEx Zone 2	Yes
● IECEx Zone 22	Yes
● cULus Class I Zone 1	Yes; Non-intrinsically safe
● cULus Class I Zone 2, Division 2	Yes; Non-intrinsically safe

Subject to change without notice
© Copyright Siemens

● FM Class I Division 2	Yes; Non-intrinsically safe
● FM Class II Division 2	Yes; Non-intrinsically safe
Ambient conditions	
Suited for indoor use	Yes
Suited for outdoor use	No
Ambient temperature during operation	
● min.	-20 °C
● max.	70 °C
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	70 °C
Relative humidity	
● Condensation permissible	No
Operating systems	
Runs under operating system	
● Windows CE	No
● Windows Vista	Yes
● Windows XP	Yes
● Windows 7	Yes
● Windows 8	Yes
● Linux	No
Mechanics/material	
Material	
● Aluminum	Yes
Dimensions	
Width	25 mm
Height	110 mm
Thickness	15 mm
Weights	
Weight (without packaging)	70 g
Weight (with packaging)	90 g
Scope of supply	
Delivery quantity in pieces	1
Components included	USB flash drive (encapsulated) screw fastening and leather casing
Other	
Merchandise	Yes; USBi drive, 16 GB recovery
Manufacturer name	R. Stahl HMI Systems GmbH
Manufacturer's address	Adolf-Grimme-Allee 8, 50829 Cologne, Germany
Target devices	ATEX certified for operating on xx6 USB Ex-i and non-Ex interfaces, Zones 1, 2, 21<(>&<)>22 Gas Zones: II 2 G Ex is IIC T4 Dust Zones: II 2 D Ex ibD 21 T110 degrees C
Note:	Suitable for IPC and HMI devices with the corresponding interfaces (see manual)

Classifications

	Version	Classification
eClass	16	19-20-01-92
eClass	14	19-20-01-92
eClass	12	19-20-01-92
eClass	9.1	19-20-92-90
eClass	9	19-20-92-90
eClass	8	19-20-92-90
eClass	7.1	19-20-92-90
eClass	6	19-20-92-90
ETIM	10	EC002584
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584

Subject to change without notice
© Copyright Siemens

IDEA	4	6628
UNSPSC	15	43-21-16-12

Approvals / Certificates

General Product Approval

China RoHS

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
https://support.industry.siemens.com/cs/document/40466415/status-of-the-simatic-hmi-accessories-and-cross-list-update?dti=0&lc=en-WW

last modified: 8/24/2021

Subject to change without notice
© Copyright Siemens