

SIMATIC USB Flash Drive, 32 GB, explosion protection, with BIOS Manager, Further information, Quantity and content: see technical data



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
Memory	
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; Up to Zone 1, TÜV (German Technical Inspectorate) 06 ATEX 7342, IECEx TUR 13.0005
• IECEx Zone 11	Yes; Up to Zone 1, TÜV (German Technical Inspectorate) 06 ATEX 7342, IECEx TUR 13.0005
• IECEx Zone 2	Yes
• IECEx Zone 22	Yes
• cULus Class I Zone 1	Yes; CSA Class II No. 2649448
• cULus Class I Zone 2, Division 2	Yes; CSA Class II No. 2649448
• FM Class I Division 2	Yes; CSA Class II No. 2649448
• FM Class II Division 2	Yes; CSA, Group F and G; T 130 °C
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
- Windows XP
- Windows 7
- Windows 8
- Linux

Yes
Yes
Yes
Yes
No

Mechanics/material

Material

- Aluminum

Yes

Dimensions

Width 25 mm

Height 110 mm

Thickness 15 mm

Weights

Weight without packaging 70 g

Weight incl. 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

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)

Usable in the following products

- Product 1 [6AV2124-0GC13-0AX0](#)

- Product 2 [6AV2124-0QC13-0AX0](#)

last modified: 05/13/2020