

USB DRIVE, 16 GB INTRINSICALLY SAFE FOR HMI EX



General information	
Product type designation	SIMATIC USB flash drive, 16 GB, Ex
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	
Power consumption, typ.	6 W
Memory	
Type of memory	USB drive
Memory size	16 Gbyte
Write protection switch	No
Standards, approvals, certificates	
CE mark	Yes
Use in hazardous areas	
• ATEX Zone 2	Yes; Up to Zone 1, TÜV (German Technical Inspectorate) 06 ATEX 7342, IECEx TUR 13.0005
• ATEX Zone 22	Yes; Up to Zone 1, TÜV (German Technical Inspectorate) 06 ATEX 7342, IECEx TUR 13.0005
• 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
Ambient conditions	
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	Yes
• Windows Vista	Yes
• Windows XP	Yes
• Windows 7	Yes
• Windows 8	Yes
• Linux	Yes
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
Other	
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:	TP1500 Comfort Outdoor, TP700 Comfort Outdoor: Observe the temperature range
Usable in the following products	
• Product 1	6AV2124-0GC13-0AX0
• Product 2	6AV2124-0QC13-0AX0
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