

USB DRIVE, 16 GB INTRINSICALLY SAFE W. RECOVERY
FUNCTION FOR HMI EX



General information

Product type designation	SIMATIC USB flash drive, 16 GB, REx
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Control elements

Connection type

• USB	No
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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 16 GB with recovery function
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	No
• 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
last modified:	10/15/2016