

OSS-SO compatibility self declaration for Electronic Locking System (ELS)

Document Set Publication Date: 2021-06

We hereby confirm the following:

Product Name: BKS Knaufzylinder | OSS

Product Version:

Manufacturer: BKS GmbH

	Yes	No	Number	Comment
General features and dimensions				
Support of OSS-SO for LEGIC advant		x		
Maximum supported size of segment				
Credential version				
Support of OSS-SO for LEGIC neon		x		
Maximum supported size total of all neon files				
Credential version				
Support of OSS-SO for MIFARE DESFire	x			
Maximum supported size total of all data files			1824	
Credential version			1,1	
Support of OSS-SO for MIFARE Classic	x			
Maximum supported size total of all "data files"			1808	
Credential version			1,1	
Associated tool: Supports XML interface, if yes, which version?	x		2.0	
Associated tool: Supports webservice, if yes, which version?		x		
Support of customer extension feature VALIDITY START – TAG '01'		x		
Support of customer extension feature ADDITIONAL ACCESS TYPES – TAG '02'		x		
The ELS is compliant to document set (publication date)			2020-02	
Battery /Batterystatus				
Checking of Battery status in ELS	x			

Clock/Time

ELS has a RealTime Clock (RTC)	x	
Support of Daylight Saving	x	
Number of Daylight Saving stored in ELS		2 / year automatically

Function

Support of OSS Intervention Media	x	
Support of 10 bytes CardID	x	
Check of validity	x	
Support of Site ID	x	
Max value of ELS Site ID	x	
Check of Door IDs and Door Groups	x	
Number of Door Groups stored in ELS		32
Range of Door Group IDs stored in ELS		65535
Number of Doors stored in ELS		
Range of Door IDs stored in ELS		65535
Support of permanent open toggle function	x	
Support of time profile controlled open toggle function (unlock time)	x	
Check of DTS	x	
Support midnight crossing	x	
Max time of unlocking		240s
Support of extended unlocking time	x	
Max time of extended unlocking time		240s

Signalisation

Optical signalisation of authorization status	x
Acoustical signalisation of authorization status	x

Events

Create and write OSS compatible events to card	x
Check of checking of OSS event config	x
Create and write event: Low Battery	x
Create and write event: Battery replaced	x

Create and write event: Lock jammed	x	
Create and write event: System Event	x	SystemRestart, SystemConfigured
Create and write event: Internal error	x	
Create and write Eevent: Failed to unlock	x	
Create and write event: Tampering detected	x	
Create and write event: Blacklist card detected	x	
Create and write event: Blacklist full	x	
Create and write event: All Access granted - Events	x	
Create and write event: All Access denied - Events	x	
Create and write event: Check sum error detected on card data.	x	

Blacklist

Support for blacklisting	x	
The lock shall be capable of storing at least 16 blacklist entries		50
The ELS can delete blacklist entries by reading entries with expiry time in the past.	x	

Customer extension

Support of customer extension feature VALIDITY START – TAG '01'	x	
Support of customer extension feature ADDITIONAL ACCESS TYPES – TAG '02'	x	

General

Further remarks and notes