D2 : VLD Telegram

D2 - 07 : Locking Systems Control

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Description
  In this EEP family electronic locking systems and mortise locks are collected

Data exchange
Direction: unidirectional

Teach-in
Teach-in method: Universal teach-in (UTE)

Security
Encryption mandatory: No

EEP Family Table
Each TYPE has to support all telegrams and parameters marked in its column.

Command Overview	00

Parameter Overview	00
Bold state	X
Catch state	X

RORG	D2	**VLD Telegram**
FUNC	07	Locking Systems Control
TYPE	00	Mortise lock

Description
Sending the current state of a mortise lock to a property management system (PMS). Therefor the information about the current state is generated inside the lock and put together into the EEP. A message is generated every time, the catch or the bold is moved into a different position. With each movement an energy harvester is triggered, the controller gets the current state by two sensors and the message is sended. The mortise lock acts just as a sensor and not as actor in any way. .

Data exchange
Addressing: broadcast
Communication trigger: event_trigger
Event description: Movement of the bolt or the catch

Offset	Size	Data	Description	Valid Range	Scale	Unit	Trigger
0	1	Bold state	Bold state key	Enum:			X
				0 : Bold inside the lock			

				1 :	Bold in blocking position	
1	1	Catch state	Catch state key	Enum:		X
				0 :	Catch inside the lock	
				1 :	Catch in blocking position	
2	6	Not Used (= 0)				