

Safety functions

Name	Norm Reference	SIL	OC	SR1	SGC	Comments
Overspeed (pre-tripping)	EN81-20 §5.6.2.2.1.6.a.)	SIL2	X			
Overspeed (final-tripping)	EN81-20 §5.6.2.2.1.1a.)	SIL3	X		X	
Overspeed inspection (pre-tripping)	EN81-20 §5.12.1.5.2.1.e.)	No SIL	X			Supervises the speed adjusted in the configuration
Overspeed inspection (final-tripping)	No Norm reference	SIL3	X		X	This is in order to ensure the braking distance if pre-triggered stopping system" trips
Overspeed Teach (pre-tripping)	No Norm reference	SIL3	X			Substitute for ETSL, which cannot be carried out in tech mode
Overspeed Teach (final-tripping)	No Norm reference	SIL3	X		X	Cares for additional safety before and during commissioning
Final limit switches	EN81-20 §5.12.2.3.1.b.)	SIL1	X			
Inspection limit switches	EN81-21 §5.5.3.4 / §5.7.3.4. (SIL2); resp. EN81-20 §5.12.1.5.2.1.g (No SIL)	SIL2	X			
Supervision on inspection direction	No Norm reference	SIL2	X			In order to complete safety of direction dependency of "inspection limit switches"
Pre-triggered stopping system	EN81-21 §5.5.2.2 / §5.7.2.2	SIL3	X		X	
Check on retardation, ETSL	EN81-20 §5.12.1.3	SIL3	X			
Door bridging (monitoring the levelling and re-levelling)	EN81-20 §5.12.1.4	SIL2		X		
Unintended car movement	EN81-20 §5.6.7.7	SIL2	X	X	X	
Working platform	EN81-20 §5.2.6.4.3.1.b.)	SIL3	X		X	