

Safety related modules / components

Type Name / Description	Type Designator	HW / SW Revision (see name plate label attached to the product)		Report-No.	Certification Status
		HW	SW		
<p style="text-align: center;">APS</p> <p>System to determine and transmit the position and velocity values of the lift car in the elevator shaft.</p>	APS HW/SW V1.xx				
	(none)	V1.07	V1.01	968/A 173.00/14	Valid
		V1.07	V1.02	968/A 173.01/14	Valid
		V1.1x ('x' ≥ 0)	V1.0x ('x' ≥ 2)	968/A 173.02/15	Valid
	APS HW/SW V2.xx				
	S-2-CAN-2-[SP NP]-01/01-A/A-[M U]-[R O],[0.5...5.0]	V2.04	V2.20	968/A 173.04/17	Valid
			V2.21	968/A 173.05/18	Valid
	S-2-CAN-2-[SP NP]-01/01-A/A-[M U]-[R O],[0.5...5.0] S-2-485-1-RS-01/00-[C D]/X-[M U]-[R O],[0.5...5.0]	V2.04	V2.22	968/A 173.05/18	Valid
			V2.23	968/A 173.06/19	Valid
	S-2-CAN-2-[SP NP]-01/01-A/A-[M U]-[A...Z],[0.5...5.0] S-2-485-1-RS-01/00-[C D]/X-[M U]-[A...Z],[0.5...5.0]	V2.04	V2.23	968/A 173.07/19	Valid
			V2.23	968/A 173.08/20	Valid
	S-2-CAN-2-[SP NP]-01/01-A/A-[M U]-[A...Z],[0.5...5.0 S0.5...5.0] S-2-485-1-RS-01/00-[C D]/X-[M U]-[A...Z],[0.5...5.0 S0.5...5.0]	V2.05	V2.23 V2.3x ('x' ≥ 1)	968/A 173.08/20	Valid
		V2.05	V2.4x ('x' ≥ 0)	968/A 173.09/20	Valid
		V2.06		968/A 173.11/21	
	V2.0x ('x' ≥ 6)	V2.5x ('x' ≥ 0)	968/A 173.12/22	Valid	
Note: For [A...Z] (connector specification) see associated APS Information Sheet					

Safety Manual / User documentation

Document No.	Description	Report-No.	Certification Status
Associated to APS HW/SW V1.xx			
#113 317	Safety Manual, V1.0	968/A 173.00/14	Valid
	Safety Manual, V1.2	968/A 173.01/14	Valid
	Safety Manual, V1.3 / V1.3x ('x' ≥ 1)	968/A 173.02/15	Valid
#111 700	Installation and Operating Manual, V1.0	968/A 173.00/14 968/A 173.01/14	Valid
	Installation and Operating Manual, V1.0	968/A 173.02/15	Valid
	Installation and Operating Manual, V1.1 / V1.2 / V1.3 / V1.3x ('x' ≥ 1)	968/A 173.03/15	Valid
Associated to APS HW V2.04 / SW V2.20 + SW V2.21			
#113 317	Safety Manual, V2.0	968/A 173.04/17	Valid
	Safety Manual, V2.1	968/A 173.05/18	Valid
#111 700	Installation and Operating Manual, V2.0	968/A 173.04/17	Valid
	Installation and Operating Manual, V2.1	968/A 173.05/18	Valid
Associated to APS HW V2.04 / SW 2.2x ('x' ≥ 2)			
#113 317	Safety Manual, V2.2	968/A 173.05/18	Valid
	Safety Manual, V2.3	968/A 173.06/19	Valid
#111 700	Installation and Operating Manual, V2.2	968/A 173.05/18	Valid
	Installation and Operating Manual, V2.3	968/A 173.06/19	Valid
Associated to APS HW V2.05 + V2.06 / SW V2.23 + V2.3x ('x' ≥ 1) + V2.4x ('x' ≥ 0)			
#113 317	Safety Manual, V2.4	968/A 173.08/20	Valid
#111 700	Installation and Operating Manual, V2.5	968/A 173.08/20	Valid
Associated to APS HW V2.0x ('x' ≥ 6) / SW V2.5x ('x' ≥ 0)			
#113 317	Safety Manual, V2.5	968/A 173.12/22	Valid
#111 700	Installation and Operating Manual, V2.5	968/A 173.08/20	Valid

The Revision List has been jointly agreed between the manufacturer and the Test Institute.

Revision:

Date	Rev.	Description / Changes	Author
2014-02-27	1.0	Initial creation, based on Report-No.: 968/A 173.00/14	bwk/A-FS
2014-06-17	2.0	Updated, based on Report-No.: 968/A 173.01/14	bwk/A-FS
2015-09-28	3.0	Updated + new layout, based on Report-No.: 968/A 173.02/15	bwk/A-FS
2015-12-04	4.0	Updated, based on Report-No.: 968/A 173.03/15	bwk/A-FS
2017-07-17	5.0	Updated, based on Report-No.: 968/A 173.04/17 (APS V2.0)	bwk/A-FS
2018-05-25	6.0	Updated, based on Report-No.: 968/A 173.05/18 (APS V2.0 RS-485)	bwk/A-FS
2019-07-25	7.0	Updated, based on Report-No.: 968/A 173.06/19 (Additional connector types)	bwk/A-FS
2020-02-26	8.0	Updated, based on Report-No.: 968/A 173.08/20 (Shielded cable, software alignment)	bwk/A-FS
2020-05-25	9.0	Updated, based on Report-No.: 968/A 173.09/20 (Flash- and RAM-Test improvement)	bwk/A-FS
2020-06-11	9.1	Updated, based on Report-No.: 968/A 173.09/20 (Flash- and RAM-Test improvement, correction of typo in SW Revision: V2.4x ('x' ≥ 1) -> V2.4x ('x' ≥ 0))	bwk/A-FS
2020-12-02	10.0	Updated, based on Report-No.: 968/A 173.10/20 (Mechanical improvements)	bwk/A-FS
2022-08-05	11.0	Updated, based on Report-No.: 968/A 173.12/22 (Software improvements, material shortages)	bwk/A-FS