

## Design verification part II

### Only valid in connection with: Design verification part I

For low-voltage switchgear and controlgear ASSEMBLIES consisting of several parts and for separate observations to verify the following characteristics: When 10.11 Short circuit withstand strength, 10.12 Electromagnetic Compatibility (EMC) have been carried out, please enter the marking of the part of the low-voltage switchgear and controlgear ASSEMBLY here:

Sec.	Characteristics to be verified	Verification by	Remarks / annexes
10.2.2	Resistance to corrosion	ABB	
10.2.3.2	Strength against abnormal heat and fire	ABB	
10.2.4	Resistance to UV radiation	ABB	
10.2.5	Lifting	ABB	
10.2.6	Mechanical impact	ABB	
10.2.7	Marking	ABB	
10.3	Degree of protection of enclosures	ABB	
10.4	Clearances and creepage distances	ABB	
10.5.2	Continuity of the connection between parts of the ASSEMBLY and the protective circuit	ABB	
10.5.3	Short-circuit withstand strength of the protective circuit	ABB	
10.6	Incorporation of equipment	Manufacturer	The ASSEMBLY manufacturer shall comply with the design requirements of the original manufacturer and of the equipment manufacturer (8.6)
10.7	Internal electric circuits and connections	Manufacturer	The ASSEMBLY manufacturer shall comply with the design requirements of the original manufacturer (8.7)
10.8	Terminals for external conductors	Manufacturer	Compliance with the requirements of the original manufacturer and of the device manufacturer (8.8)
10.9.2	Insulation characteristics Power-frequency withstand voltage	ABB	
10.9.3	Insulation characteristics Withstand voltage	ABB	
10.10	Verification of temperature rises	Manufacturer	<b>Annexes:</b>
10.11	Short-circuit withstand strength	Manufacturer	<b>Annexes:</b>
10.12	Electro-magnetic compatibility (EMC)	Manufacturer	In general no verification necessary <b>Annexes:</b>
10.13	Mechanical operation	ABB	

#### Annexes:

#### Design verification performed:

Place / Date

Name and signature of the performer

Place / Date

Name and signature of the tester