

DECLARATION

We hereby declare that

3P+N residual current circuit breakers with overcurrent protection (RCBOs) with type designation

DS203NC

manufactured by

ABB S.p.A. – Viale dell'Industria, 18 - 20010 Vittuone, Milano, Italy

meet the requirements of the EN 45545-2:2013+A1:2015 standard with the following classification for the component requirement/hazard level:

Product series	Classification EN 45545
DS203NC	R26 / HL3

The covers of DS203NC have the characteristics summarized in the below table:

Component Description	Weight [g]	Thickness [mm]	Plastic material	Product Name	Producer	EN 45545-2:2013-08 certifications
base housing	58	1,2	PA66 25%GF	LATAMID 66 H2 G/25-VO CT1	LATI	R26/HL3 R22/HL1 R23/HL2
separator N housing	22	1,3	PA66 25%GF	ULTRAMID A3UG5	BASF	R26/HL3 R22/HL3
Cover N	56	1,2	PA66 25%GF	LATAMID 66 H2 G/25-VO CT1	LATI	R26/HL3 R22/HL1 R23/HL2
Base R- S pole	61	1,3	PA66 25%GF	LATAMID 66 H2 G/25-VO CT1	LATI	R26/HL3 R22/HL1 R23/HL2
Cover S pole	18	1,3	PA66 25%GF	LATAMID 66 H2 G/25-VO CT1	LATI	R26/HL3 R22/HL1 R23/HL2
Cover R pole	18	1,3	PA66 25%GF	LATAMID 66 H2 G/25-VO CT1	LATI	R26/HL3 R22/HL1 R23/HL2

The requirement/hazard level R26/HL3 is reached due to the plastic material classification V-0 according to testing procedure IEC 60695-11 as shown in the attached datasheet from the suppliers.

DS203NC series meets the requirements of shock and vibrations according to IEC/EN 61373 standard:

Product series

DS203NC

Classification IEC/EN 61373

Category 1, class A and B

Valid at present design status.

ABB S.p.A.

Quality Manager

Ing. Daniele DOMINICIS

