

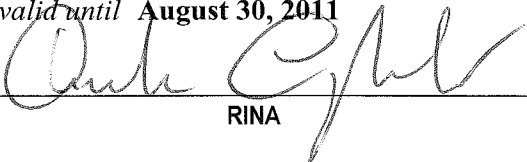
TYPE APPROVAL CERTIFICATE
No. ELE241906CS



This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

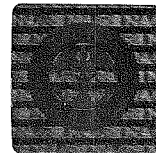
<i>Description</i>	Circuit breaker
<i>Type</i>	MS 325; MS 326; MO 325
<i>Applicant</i>	ABB STOTZ-KONTAKT GMBH EPPELHEIMER STR. 82 69123 HEIDELBERG GERMANY
<i>Manufacturer</i>	ABB ELSYNN
<i>Place of manufacture</i>	HERSPICKA 13 61900 BRNO CZECH REPUBLIC
<i>Reference standards</i>	IEC 60947-2

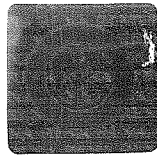
Issued in **Genoa** on **August 30, 2006**. This Certificate is valid until **August 30, 2011**



RINA
Andrea Cogliolo

This certificate consists of this page and 2 enclosures





TYPE APPROVAL CERTIFICATE

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MS 325; MS 326; MO 325

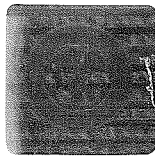
Components

- Circuit breakers type MS 325, MS 326, MO 325 equipped with thermo-magnetic relay (rating at 400 V, 500V, 690V).

Circuit breaker type		MS 325, MS 326, MO 325				
Relay type		0.1-9	9-12.5	12.5-16	16-20	20-25
Rated Voltage (Ue)	V	400	400	400	400	400
Rated Current (In)	A	25	25	25	25	25
Ambient temperature	°C	45	45	45	45	45
Rated Frequency	Hz	50-60	50-60	50-60	50-60	50-60
Rated service short circuit breaking capacity (Ics)	kA	100	75	60	55	50
Rated ultimate short circuit breaking capacity (Icu)	kA	100	75	60	55	50
Rated short circuit making capacity (Icm)	kA	220	165	132	121	105
Power Factor		0.20	0.2	0.2	0.2	0.25
Utilization Category		A	A	A	A	A

Circuit breaker type		MS 325, MS 326, MO 325							
Relay type		0.1-2.5	2.5-4	4-6.30	6.30-9	9-12.5	12.5-16	16-20	20-25
Rated Voltage (Ue)	V	500	500	500	500	500	500	500	500
Rated Current (In)	A	25	25	25	25	25	25	25	25
Ambient temperature	°C	45	45	45	45	45	45	45	45
Rated Frequency	Hz	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60
Rated service short circuit breaking capacity (Ics)	kA	100	60	40	30	27	25	22	20
Rated ultimate short circuit breaking capacity (Icu)	kA	100	60	40	30	27	25	22	20
Rated short circuit making capacity (Icm)	kA	220	132	84	63	56.7	52.5	46.2	40
Power Factor		0.2	0.2	0.25	0.25	0.25	0.25	0.25	0.3
Utilization Category		A	A	A	A	A	A	A	A





TYPE APPROVAL CERTIFICATE

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MS 325; MS 326; MO 325

Circuit breaker type		MS 325, MS 326, MO 325				
		0.1-1.6	1.6-2.5	2.5-4	4-16	16-25
Relay type						
Rated Voltage (Ue)	V	690	690	690	690	690
Rated Current (In)	A	25	25	25	25	25
Ambient temperature	°C	45	45	45	45	45
Rated Frequency	Hz	50-60	50-60	50-60	50-60	50-60
Rated service short circuit breaking capacity (Ics)	kA	100	40	10	3	2
Rated ultimate short circuit breaking capacity (Icu)	kA	100	40	10	3	2
Rated short circuit making capacity (Icm)	kA	220	84	17	4.5	3
Power Factor		0.20	0.25	0.50	0.70	0.70
Utilization Category		A	A	A	A	A

Genoa 30/08/2006

