

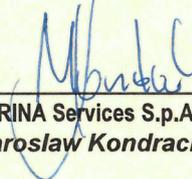


TYPE APPROVAL CERTIFICATE
No. ELE031421XP

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>	Push buttons
<i>Type</i>	Series P9
<i>Applicant</i>	ABB Electrification Sweden AB - Motor Starting & Safety Motorgränd 20 72161 Vasteras SWEDEN
<i>Manufacturer</i>	Ansa Borima Ltd.
<i>Place of manufacture</i>	East Industrial Zone 5500 Lovech BULGARIA
<i>Reference standards</i>	IEC 60947-5-1:2003 (3rd edition) + A1:2009

Issued in **Gdańsk** on **March 25, 2021**. This Certificate is valid until **March 24, 2026**


RINA Services S.p.A.
Jaroslaw Kondracki

This certificate consists of this page and 1 enclosure



TYPE APPROVAL CERTIFICATE

No. ELE031421XP

Enclosure - Page 1 of 1

Series P9

Push buttons series P9 and accessories

Push buttons		P9...											
Rated insulation voltage (UI)	V	690						690					
Rated frequency	Hz	50-60						50-60					
Ambient temperature	°C	45						45					
Rated thermal current (Ith)	A	10						10					
Rated operational voltage (Ue)	V	600	500	380	220	110	60	300	220	110	60	48	24
Rated operational current (Ie)	A	1.2	1.5	2	3	6	10	0.2	0.27	0.55	1	1.4	2.5
Utilization category		AC15						DC13					

Push buttons Accessories - contact module		P9B...											
Rated insulation voltage (UI)	V	690						690					
Rated frequency	Hz	50-60						50-60					
Ambient temperature	°C	45						45					
Rated thermal current (Ith)	A	10						10					
Rated operational voltage (Ue)	V	600	500	380	220	110	60	300	220	110	60	48	24
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Utilization category		AC15						DC13					

Pilot Lights with LED

Ue: 6V, 12V, 24V, 48V, 60V, 110V, 130V, AC/DC, 50/60Hz, 230Vac 50/60HZ.

Pilot Lights with Bulb

Ue: 110V/120V, 220V/ 240V/ 250V, 380V, 415-440V, 480-500V, 50/60HZ

Mounting hole diameter: 22.5.

CB Test Certificates:

CHINA QUALITY CERTIFICATE CENTRE

Certificate n. CN29282_Conformity to IEC 60947-5-1:2009 (3rd edition) 2014-01-15.

Gdańsk March 25, 2021

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000





Gdańsk, March 25, 2021

Mr. Jonas Estelli
ABB Electrification Sweden AB - Motor
Starting & Safety
(Encl.:1) **Motorgränd 20**
72161 Vasteras ()
SWE

our ref.: **MEMPP / ELE031421XP / on 03/25/2021 12:00:00 AM (2021-XP-01-314)**

subject: **TYPE APPROVAL CERTIFICATE No.ELE031421XP**
Series P9

Please find enclosed Type Approval Certificate N° ELE031421XP issue on March 25, 2021 which annuls and replaces the certificate N° ELE302719CS.

Best regards.

A handwritten signature in blue ink, appearing to read 'Mansueti'.