

CERTIFICATE OF CONFORMITY

Certificate No.:
11644-2017-CE-IND-DNV Rev 0.1

Issue date:
20-11-2017

Valid date:
20-11-2023

This certificate consists of 3 pages

This is to certify that the products

Solenoid Coil Assembly, Limit Switch Assembly, Proximity Switch Assembly

with name and / or type designation(s)

Solenoid Coil Assembly – M22, M36, M40, M45 and M50
Limit Switch Assembly – PLL
Proximity Switch Assembly – PPL

manufactured by

Avcon Controls Pvt. Ltd.

Plot no- 65, Street no-13, MIDC Marol Area, Andheri (E), Mumbai, India - 400093
Plot No.23/24, New Nandu Industrial Estate, Mahakali caves road, Andheri (E),
Mumbai, India -400093

have been assessed with respect to the requirements for documentation specified in point 2 of Annex III of Council directive 2014/35/EU on electrical safety and found to comply.

Further details of product and application/limitations, the certificate to be read in full. Reference to the part of this certificate which may lead to misinterpretation is not permissible.

Place and date:
Chennai, 15-01-2021

For
DNV GL Business Assurance India Pvt Ltd.

Iyer Hariharan Sundareshwara
Manager – Product Certification

Certificate No.: 11644-2017-CE-IND-DNV Rev 0.1

Certificate history

Revision	Description	Issue Date
0.0	Original Certificate	2017-11-20
0.1	Recertification + SE	2021-01-15

Products Covered by this certificate

Product	Type / Variant	Voltage	Maximum Current	Applied Standard
Solenoid Coil Assembly	M22 SQ WP	230 VAC	4 mA	EN 61010-1 / EN 61010-2- 202
	M22 SQ WP	110 VAC	8 mA	
	M36 SQ WP	230 VAC	0.065 mA	
	M36 SQ WP	110 VAC	0.136 mA	
	M40 SQ WP	230 VAC	120mA	
	M40 SQ WP	110 VDC	160mA	
	M40 SQ WP	110 VAC	225mA	
	M40 RD WP	230 VAC	120mA	
	M40 RD WP	110 VAC	225mA	
	M40 RD WP	110 VDC	160mA	
	M45 RD WP	230 VAC	78 mA	
	M45 SQ WP	230 VAC	78 mA	
	M45 RD WP	220 / 230 VDC	55 mA	
	M45 SQ WP	220 / 230 VDC	55 mA	
	M45 RD WP	110 VAC	163 mA	
	M45 SQ WP	110 VAC	163 mA	
	M50 RD WP	230 VAC	156 mA	
	M50 SQ WP	230 VAC	156 mA	
	M50 RD WP	220 / 230 VDC	100 mA	
	M50 SQ WP	220 / 230 VDC	100 mA	
M50 RD WP	110 VAC	327 mA		
M50 SQ WP	110 VAC	327 mA		
Limit Switch Assembly	PLL	12 – 48 VDC	5 A	EN 60947-5-1
	PLL	110 – 230 VAC	5 A	
Proximity Switch Assembly	PPL	10 – 30 VDC	200 mA	EN 60947-5-2

Applications/limitations:

- Application doesn't cover phenomena as described in Annex II of this directive.
- All bought out equipment / components shall comply with applicable EU directive(s).
- The Technical construction file reviewed for the equipment listed as per below standard.
- Equipment Design review, Type Certification (applicable statutory/regulatory \requirements and any other approval type certification schemes) & Performance are optional and not covered under DNV GL assessment.
- DNV GL assessment is based on the limited scope, sampling method & review of

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

documentation to meet the essential health & safety requirements.
 - The products are intended for industrial environments only.
 - Before equipment are placed on the market and / or put into use the manufacturer must ensure that all relevant directives are complied with

Applied standards / Test carried out

Product Name	Applied Standard
Solenoid Coil Assembly	IEC 61010-1 (2010); IEC 61010-2-202 (2016)
Limit Switch & Proximity Switch Assembly	IEC 60947-5-1 (2003) IEC 60947-5-2 (2007)

Documents reviewed

Technical construction files as follows:

Solenoid Coil Assembly (M22, M36, M40, M45 and M50) – AVCON/LVD/4 Rev. 1
 Limit Switch (PLL) and Proximity Switch Assembly (PPL) – AVCON/LVD/11 Rev. 0

Terms & conditions

The certificate is subject to the following terms and conditions

- In case of damage caused by directive products, directive 85/374/EEC as amended will apply
- The certificate is only valid for the product(s) listed above
- The certificate is concerned with the design of the product only

The following may render this Certificate invalid

- Change in the design or construction of the product(s)
- Change or amendments to the referred directive(s)
- Change or amendments in the standard(s) which form the basis for documenting compliance with the essential requirements of the directive(s)

Conformity declaration and marking of product

In order to fully meet with the requirements of the directive(s) and legally affix the CE mark, manufacturer must take all measures necessary to ensure that the manufactured product comply with the technical documentation and with the requirement of the directive(s) and finally draw up an EU declaration of conformity

END OF CERTIFICATE