




Karandikar Laboratories Pvt. Ltd.

Working for a safer tomorrow...



Statement of Conformity

On the basis of testing vide below report / reports, the product mentioned below comply with the requirements of referenced standards and or directives at the time of testing.

Product Description	Explosion proof solenoid coil assembly/Size 1
Model / Type	E50N
Ratings	230V AC, 50 Hz, 6W, IP67
Applicant's Name	Duncan Engineering Limited
Address	F-33, Ranjangaon MIDC, Karegaon, Taluka- Shirur, Dist- Pune, Pune - 412 220, Maharashtra.
Manufacturer's Name	Duncan Engineering Limited
Address	F-33, Ranjangaon MIDC, Karegaon, Taluka- Shirur, Dist- Pune, Pune - 412 220, Maharashtra.
Brand / Logo	
Report References	<ul style="list-style-type: none">KLPL/BTG/23/09-78-001 issued on 9th December 2023Test conducted: Conducted Emission, ESD, EFT/Burst, Conducted RF & Surge
Standards referred	<ul style="list-style-type: none">IEC 61326-1: 2020
Directives referred	EMC Directive – 2014/30/EU

Note:

This statement is issued on the basis of tests / evaluations performed on sample submitted by Applicant / Manufacturer as per above referred standards.

Applicant / Manufacturer / Authorized Representative may sign a declaration of conformity and affix CE marking on the product taking care of applicable other EU Directives or Regulations before putting it into the market.

Signature



Gokul Mahajan
Business & Technical Head
23rd Jan. 2024



Karandikar Laboratories Pvt. Ltd.

Head Office: B-101, Ansa Industrial Estate, Saki Vihar Road, Saki Naka, Andheri (E), Mumbai - 400072.


Sales: +91 (022) 28471395 Email: sales@karandikarlab.com Website: www.karandikarlab.com





Statement of Conformity

On the basis of testing vide below report / reports, the product mentioned below comply with the requirements of referenced standards and or directives at the time of testing.

Product Description	Explosion proof solenoid coil assembly
Model / Type	Please see attached annex A (4 pages)
Ratings	Please refer annex A
Applicant's Name	Duncan Engineering Limited
Address	F-33, MIDC, Ranjangaon, Karegoan, Tal- Shirur, Pune- 412220, Maharashtra, India.
Manufacturer's Name / Address	Duncan Engineering Limited Same as applicant
Brand / Logo	
Report References	KLPL/BTG/23/09-77-001 issued on 23 rd January 2024
Standards referred	IEC 61010-2-202 : 2020 / EN 61010-2-202 : 2021 Safety requirements for electrical equipment for measurement, control, and laboratory use Part 2-202: Particular requirements for electrically valve actuators
Directives referred	Low Voltage Directive - 2014/35/EU

Note:

This statement is issued on the basis of tests / evaluations performed on sample submitted by Applicant / Manufacturer as per above referred standards.

Applicant / Manufacturer / Authorized Representative may sign a declaration of conformity and affix CE marking on the product taking care of applicable other EU Directives or Regulations before putting it into the market.



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ITEM CODE	SOLENOID NO.	ENCLOSURE MATERIAL	CABLE ENTRY	AC/DC	POWER CONSUMPTION	VOLTAGE	INSULATION CLASS	PROTECTION DEGREE
DS1EXA1H10024DC1	E50N / Size 1	ALUMINIUM	1/2" NPT	DC	10W	24 VDC	CLASS H	CE + IP67
DS1EXA1H08048DC1				DC	8W	48 VDC		
DS1EXA1H11110DC1				DC	11W	110 VDC		
DS1EXA1H06110AC1				AC	6W	110V/50 HZ AC		
DS1EXA1H06230AC1				AC	6W	230V/50 HZ AC		
DS1EXA2H10024DC1			M20 X 1.5P	DC	10W	24 VDC		CE + IP67
DS1EXA2H08048DC1				DC	8W	48 VDC		
DS1EXA2H11110DC1				DC	11W	110 VDC		
DS1EXA2H06110AC1				AC	6W	110V/50 HZ AC		
DS1EXA2H06230AC1				AC	6W	230V/50 HZ AC		
DS1EXA1H10024DC2			1/2" NPT	DC	10W	24 VDC	CLASS H	CE + ATEX + IECEX
DS1EXA1H08048DC2				DC	8W	48 VDC		
DS1EXA1H11110DC2				DC	11W	110 VDC		
DS1EXA1H06110AC2				AC	6W	110V/50 HZ AC		
DS1EXA1H06230AC2				AC	6W	230V/50 HZ AC		
DS1EXA2H10024DC2			M20 X 1.5P	DC	10W	24 VDC		
DS1EXA2H08048DC2				DC	8W	48 VDC		

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DS1EXA2H11110DC2				DC	11W	110 VDC		
DS1EXA2H06110AC2				AC	6W	110V/50 HZ AC		
DS1EXA2H06230AC2				AC	6W	230V/50 HZ AC		
DS1EXA1H10024DC3			1/2" NPT	DC	10W	24 VDC		CE + ATEX + IECEX + IP67
DS1EXA1H08048DC3				DC	8W	48 VDC		
DS1EXA1H11110DC3				DC	11W	110 VDC		
DS1EXA1H06110AC3				AC	6W	110V/50 HZ AC		
DS1EXA1H06230AC3				AC	6W	230V/50 HZ AC		
DS1EXA2H10024DC3			M20 X 1.5P	DC	10W	24 VDC		
DS1EXA2H08048DC3				DC	8W	48 VDC		
DS1EXA2H11110DC3				DC	11W	110 VDC		
DS1EXA2H06110AC3				AC	6W	110V/50 HZ AC		
DS1EXA2H06230AC3				AC	6W	230V/50 HZ AC		
DS1EXS1H10024DC1		STAINLESS STEEL 316	1/2" NPT	DC	10W	24 VDC		CE + IP67
DS1EXS1H08048DC1				DC	8W	48 VDC		
DS1EXS1H11110DC1				DC	11W	110 VDC		
DS1EXS1H06110AC1				AC	6W	110V/50 HZ AC		
DS1EXS1H06230AC1				AC	6W	230V/50 HZ AC		

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DS1EXS2H10024DC1			M20 X 1.5P	DC	10W	24 VDC		
DS1EXS2H08048DC1				DC	8W	48 VDC		
DS1EXS2H11110DC1				DC	11W	110 VDC		
DS1EXS2H06110AC1				AC	6W	110V/50 HZ AC		
DS1EXS2H06230AC1				AC	6W	230V/50 HZ AC		
DS1EXS1H10024DC2			1/2" NPT	DC	10W	24 VDC		
DS1EXS1H08048DC2				DC	8W	48 VDC		
DS1EXS1H11110DC2				DC	11W	110 VDC		
DS1EXS1H06110AC2				AC	6W	110V/50 HZ AC		
DS1EXS1H06230AC2				AC	6W	230V/50 HZ AC		
DS1EXS2H10024DC2			M20 X 1.5P	DC	10W	24 VDC		
DS1EXS2H08048DC2				DC	8W	48 VDC		
DS1EXS2H11110DC2				DC	11W	110 VDC		
DS1EXS2H06110AC2				AC	6W	110V/50 HZ AC		
DS1EXS2H06230AC2				AC	6W	230V/50 HZ AC		
DS1EXS1H10024DC3			1/2" NPT	DC	10W	24 VDC		
DS1EXS1H08048DC3				DC	8W	48 VDC		
DS1EXS1H11110DC3				DC	11W	110 VDC		
DS1EXS1H06110AC3				AC	6W	110V/50 HZ AC		

CE + ATEX
+ IECEX

CE + ATEX
+ IECEX +
IP67

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DS1EXS1H06230AC3				AC	6W	230V/50 HZ AC		
DS1EXS2H10024DC3				DC	10W	24 VDC		
DS1EXS2H08048DC3				DC	8W	48 VDC		
DS1EXS2H11110DC3				DC	11W	110 VDC		
DS1EXS2H06110AC3				AC	6W	110V/50 HZ AC		
DS1EXS2H06230AC3				AC	6W	230V/50 HZ AC		

Representative sample selected for assessment and testing:

Model: E50N, Item code DS1EXA1H06230AC3, DS1EXA1H06110AC3, DS1EXA1H11110DC3, DS1EXA1H08048DC3, DS1EXA1H10024DC3 were selected and tested as representative models.

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