



## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>Siemens AG</b>
<b>Address</b>	Siemensstr. 10, Regensburg, 93055, Germany
<b>Type</b>	Switches - Ac
<b>Description</b>	Load-break switch with auxiliary contact blocks
<b>Trade Name</b>	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28
<b>Application</b>	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 - 2002.
<b>Specified Standard</b>	DIN EN IEC 60947-3 (VDE 0660-107):2021-09 EN IEC 60947-3:2021
<b>Ratings</b>	Refer to the Appendix for further details.
<b>Additional Tests</b>	Low temperature test: -25°C/16h

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

**Thorsten Wolff**

Electrical & Control - Senior Specialist to  
Lloyd's Register EMEA  
A member of the Lloyd's Register group

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This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

**Previous Version:** 00/20057 (E4)

The Design Appraisal Document HPC1862075-23/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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## Appendix

### RATINGS

Type	Utilization Category	Rated Voltage Ue Volts	Rated Current Ie Amperes	Thermal Current Ith Amperes
3LD20	AC-23A	400	15.5	16
		690	8.9	16
	AC-3	400	11.5	16
		690	6.7	16
3LD21	AC-23A	400	19	25
		690	12	25
	AC-3	400	15.5	25
		690	8.9	25
3LD22	AC-23A	400	23	32
		690	13	32
	AC-3	400	19	32
		690	12	32
3LD25	AC-23A	400	41	63
		690	21	63
	AC-3	400	35	63
		690	17	63
3LD27	AC-23A	400	66	100
		690	32	100
	AC-3	400	55	100
		690	24	100
3LD28	AC-23A	400	80	125
		690	39	125
	AC-3	400	66	125
		690	32	125

Auxiliary contacts: AC11, 240V, 10A