



## 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>Rittal GmbH &amp; Co. KG</b>
<b>Address</b>	Auf dem Stuetzelberg, Herborn, 35745, Germany
<b>Type</b>	Switchboard Accessories
<b>Description</b>	Conductor connection terminal blocks push in type
<b>Trade Name</b>	SV 3450.505 SV 3451.505 SV 3455.505 SV 3456.505
<b>Application</b>	Marine, Offshore and Industry applications for use in environmental categories ENV1, ENV2, ENV3 and ENV 4 as defined in LR Test Specification No. 1: July 2019
<b>Specified Standard</b>	Manufacturer's Specification based on EN 60974-7-1/-2 and EN 61439-2 (short circuit test)
<b>Ratings</b>	see appendix

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.

The Design Appraisal Document HTS-ETS 1762130-23/JK and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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## Appendix

### RATINGS

Type	Rated current In [A]	Max. cross section [sqmm] <sup>③</sup>
SV 3450.505 <sup>①</sup>	30	4,0
SV 3455.505 <sup>①</sup>	30	4,0
SV 3451.505 <sup>②</sup>	63	16,0
SV 3456.505 <sup>②</sup>	63	16,0

Rated insulation voltage (Ui): up to 1000V  
Rated short-time withstand current (Icw): up to 100kA<sup>④</sup>  
Overvoltage category: IV  
Pollution degree: 3

① for E-Cu 5mm

② for E-Cu 10mm

③ for detailed information regarding different conductor types refer to manufacturer catalogue and relevant data sheet.

④ with back up fuse 50A gL/gG (max. ID=6.1 kA, max. I<sup>2</sup>t=9.78\*10<sup>3</sup>A<sup>2</sup>s) for SV 3450.505 and 3455.505 and 160A gL/gG (max. ID=17.7 kA, max. I<sup>2</sup>t=116\*10<sup>3</sup>A<sup>2</sup>s) for SV 3451.505 and 3456.505.