Certificate No:
TAE00004MW

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Terminal Block

with type designation(s)
8WA...

Issued to
Siemens AG, Low Voltage
REGENSBURG, **Germany**

is found to comply with
DNV rules for classification – Ships, offshore units, and high speed and light craft

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Hamburg** on **2024-09-04**
This Certificate is valid until **2029-09-03**.
DNV local unit: **Augsburg**

Approval Engineer: **Harald Amberger**

for **DNV**

Oddvar Deinboll
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Product description

8WH1… Screw terminals
8WH5… Combination plug-in terminals
8WH6… IPo plug-in terminals

Type designation	Cross section	Rated Current	Rated Voltage
8WH10000AJ00	10mm²	57A	1000V
8WH10000AJ01	10mm²	57A	1000V
8WH10000CJ07	10mm²		
8WH10000AK00	16mm²	76A	1000V
8WH10000AK01	16mm²	76A	1000V
8WH10000CK07	16mm²		
8WH10000AF00	2,5mm²	24A	1000V
8WH10000AF08	2,5mm²	24A	1000V
8WH10000AF01	2,5mm²	24A	1000V
8WH10000AF03	2,5mm²	24A	1000V
8WH10000AF04	2,5mm²	24A	1000V
8WH10000AF02	2,5mm²	24A	1000V
8WH10000AF06	2,5mm²	24A	1000V
8WH10000CF07	2,5mm²		
8WH10000AM00	35mm²	125A	1000V
8WH10000AM01	35mm²	125A	1000V
8WH10000CM07	35mm²		
8WH10000AG00	4,0mm²	32A	1000V
8WH10000AG08	4,0mm²	32A	1000V
8WH10000AG01	4,0mm²	32A	1000V
8WH10000AG04	4,0mm²	32A	1000V
8WH10000AG02	4,0mm²	32A	1000V
8WH10000CG07	4,0mm²		
8WH10001GG08	4,0mm²	6,3A*	500V
8WH10001MG88	4,0mm²	6,3A*	500V
8WH10001KG38	4,0mm²	6,3A*	500V
8WH100006GG00	4,0mm²	32A	800V
8WH100006JG07	4,0mm²		
8WH10006LG00	4,0mm²	0,5A	800V
8WH10006KG00	4,0mm²	0,5A	800V
8WH10000AH00	6,0mm²	41A	1000V
8WH10000AH08	6,0mm²	41A	1000V
8WH10000AH01	6,0mm²	41A	1000V
8WH10000AH02	6,0mm²	41A	1000V
8WH10000CG07	6,0mm²		
8WH10001HH08	6,0mm²	10A*	630V
8WH10001PH38	6,0mm²	10A*	630V
8WH10200AG00	4,0mm²	30A	800V
8WH10200AG01	4,0mm²	30A	800V
8WH10200CG07	4,0mm²		
8WH10250AG00	4,0mm²	30A	800V

Type designation	Cross section	Rated Current	Rated Voltage
8WH10200AF00	2,5mm²	24A	500V
8WH10200AF01	2,5mm²	24A	500V
8WH10200CF07	2,5mm²		
8WH10250AF00	2,5mm²	24A	500V
8WH10000AN00	50mm²	150A	1000V
8WH10000AN01	50mm²	150A	1000V
8WH10000AP00	70mm²	192A	1000V
8WH10000AP01	70mm²	192A	1000V
8WH10000AQ00	95mm²	232A	1000V
8WH10000AQ01	95mm²	232A	1000V
8WH10000AS00	150mm²	309A	1000V
8WH10000AS01	150mm²	309A	1000V
8WH10000AU00	240mm²	415A	1000V
8WH10000CN07	50mm²		
8WH10000CQ07	95mm²		
8WH60000AF00	2,5mm²	24A	800V
8WH60000AF01	2,5mm²	24A	800V
8WH60000CF07	2,5mm²		
8WH60030AF00	2,5mm²	24A	800V
8WH60030AF01	2,5mm²	24A	800V
8WH60030CF07	2,5mm²		
8WH60040AF00	2,5mm²	24A	800V
8WH60040AF01	2,5mm²	24A	800V
8WH60040CF07	2,5mm²		
8WH60006AF00	2,5mm²	20A	400V
8WH60006CF00	2,5mm²	20A	400V
8WH60036AF00	2,5mm²	20A	400V
8WH60036CF00	2,5mm²	20A	400V
8WH60046AF00	2,5mm²	20A	400V
8WH60046CF00	2,5mm²	20A	400V
8WH51002PF00	2,5mm²	24A*	500V
8WH51003PF07	2,5mm²		
8WH60000AG00	4mm²	32A	800V
8WH60000AG01	4mm²	32A	800V
8WH60000CG07	4mm²		
8WH60006CG00	4mm²	20A	400V
8WH60006AG00	4mm²	20A	400V*
8WH60040AG00	4mm²	32A	800V
8WH60040AG01	4mm²	32A	800V
8WH60040CG07	4mm²		
8WH60030AG00	4mm²	32A	800V
8WH60030AG01	4mm²	32A	800V
8WH60030CG07	4mm²		
8WH60001GG08	4mm²	6,3A*	400V (250V)*
8WH60001MG88	4mm²	6,3A*	400V (250V)*
8WH60001KG38	4mm²	6,3A*	400V (30V)*
8WH60000AH00	6mm²	41A	1000V
8WH60000AH01	6mm²	41A	1000V
8WH60000CH07	6mm²		
8WH60000AJ00	10mm²	57A	1000V
8WH60000AJ01	10mm²	57A	1000V
8WH60000CJ07	10mm²		
8WH60000AK00	16mm²	76A	1000V
8WH60000AK01	16mm²	76A	1000V
8WH60000CK07	16mm²		

Type designation	Cross section	Rated Current	Rated Voltage
8WH60200AF00	2,5mm²	22A	500V
8WH60200AF01	2,5mm²	22A	500V
8WH60200CF07	2,5mm²		
8WH60250AF00	2,5mm²	24A	800V
8WH60200AG00	4mm²	28A	500V
8WH60200AG01	4mm²	28A	500V
8WH60200CG07	4mm²		
8WH60250AG00	4mm²	28A	500V
8WH60000AM00	35mm²	125A	1000V
8WH60000AM01	35mm²	125A	1000V
8WH60000CM07	35mm²		
8WH60000AN00	50mm²	150A	1000V
8WH60000AN01	50mm²	150A	1000V
8WH60000CN07	50mm²		
8WH60000AQ00	95mm²	232A	1000V
8WH60000AQ01	95mm²	232A	1000V
8WH60000CQ07	95mm²		

* The current is determined by the fuse, the voltage by the light indicator

Further ratings acc. manufacturer documentation.

Application/Limitation

Location Classes:
Temperature: B, Humidity: B, Vibration: A

Operating instruction of the manufacturer to be observed

Type Approval documentation

Tests carried out

IEC 60947-7-1:2009-04, IEC 60947-7-2:2009-04, IEC 60947-7-3:2009-04, cold, dry heat, damp heat, vibration, flame retardancy.

Marking of product

Siemens AG - Type designation - Main data.
All type designation may be followed by suffix such as color or packaging options.

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE