




# Type Approval Certificate

Germanischer Lloyd

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

Certificate No.	<b>9476710 HH</b>
Company	<b>Weidmüller Interface GmbH &amp; Co. KG Klingenbergstraße 16 32758 Detmold, GERMANY</b>
Product Description	<b>Power Supply</b>
Type	<b>PRO-M Serie</b>
Environmental Category	<b>C, EMC1</b>
Technical Data / Range of Application	<b>General data</b> <b>LED indicator: LED green - operation</b> <b>Fastening: DIN-rail mounting TS35</b> <b>Protection class of housing: IP20</b> <b>Housing material: metal</b>  <b>Input data</b> <b>Nominal voltage: 100 ... 240VAC</b> <b>Voltage range: 85 ... 264VAC</b> <b>Frequency range: 47 ... 63Hz</b> <b>Output data</b> <b>Output voltage: 24VDC +/-1% (adjustable 22.5 ... 29.5VDC)</b>
Test Standard	<b>Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2003</b>
Documents	<b>Test reports: VAPEL no. TE-100420-A567/A584/A590 (05.05.10), no. TE-100512-A567/A584/A590 (05.05.10); SMQ no. WT108002045 (02.06.10), no. WT108002046 (02.06.10), no. WT 106000700 (26.04.10); SITIIAS no. A10-018-WT-03 (11.05.10), no. A10-018-WT-02 (11.05.10)</b>
Remarks	<b>None</b>
Valid until	<b>2015-06-10</b>
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File No. I.M.03	
<b>Hamburg, 2010-06-11</b>	

**Germanischer Lloyd**

Marco Rinkel

Klaus-Peter Schröder

This certificate is issued on the basis of "Regulations for the Performance of Type Tests, Part 0, Procedure".



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## Further Technical Data / Range of Application

### CP M SNT 70W 24V 3A

Input: Nominal current: 0.8A @ 230VAC / 1.5A @ 115VAC

Output: Nominal current 24VDC: 3A @ 60°C

Permanent current 24VDC: 3.6A @ 45°C, 3.3A @ 55°C, 2.2A @ 70°C

### CP M SNT 120W 24V 5A

Input: Nominal current: 1.3A @ 230VAC / 2.4A @ 115VAC

Output: Nominal current 24VDC: 5A @ 60°C

Permanent current 24VDC: 6A @ 45°C, 5.5A @ 55°C, 3.7A @ 70°C

### CP M SNT 180W 24V 7.5A

Input: Nominal current: 1.9A @ 230VAC / 3.6A @ 115VAC

Output: Nominal current 24VDC: 7.5A @ 60°C

Permanent current 24VDC: 9A @ 45°C, 8.2A @ 55°C, 5.6A @ 70°C

### CP M SNT 250W 24V 10A

Input: Nominal current: 1.3A @ 230VAC / 2.5A @ 115VAC

Output: Nominal current 24VDC: 10A @ 60°C

Permanent current 24VDC: 12A @ 45°C, 11A @ 55°C, 7.5A @ 70°C

### CP M SNT 500W 24V 20A

Input: Nominal current: 2.5A @ 230VAC / 4.9A @ 115VAC

Output: Nominal current 24VDC: 20A @ 60°C

Permanent current 24VDC: 24A @ 45°C, 22A @ 55°C, 15A @ 70°C

### CP M SNT 1000W 24V 40A

Input: Nominal current: 4.9A @ 230VAC / 9.6A @ 115VAC

Output: Nominal current 24VDC: 40A @ 60°C

Permanent current 24VDC: 48A @ 45°C, 44A @ 55°C, 30A @ 70°C

## Further Documents:

Operating instructions: CP M SNT 70W 24V 3A: R.T.no. 1103540000/11.09

CP M SNT 120W 24V 5A: R.T.no. 1103550000/11.09

CP M SNT 180W 24V 7.5A: R.T.no. 1103560000/11.09

CP M SNT 250W 24V 10A: R.T.no. 1103570000/11.09

CP M SNT 500W 24V 20A: R.T.no. 1103580000/11.09

CP M SNT 1000W 24V 40A: R.T.no. 1103590000/11.09

Part list and drawings acc. to submitted files

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