

# TYPE APPROVAL CERTIFICATE

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

Certificate No. **14 522 - 15 HH**

Company **Block  
Transformatoren-Elektronik GmbH  
Max-Plank-Str. 36-46  
27283 Verden, Germany**

Product Description **Power Supply**

Type **Serie Power Mini (PM)  
Serie Power Compact (PC)**

Environmental Category **C, EMC1/EMC2**

Technical Data /  
Range of Application **Serie PM/PC: Single phase, primary switched mode power supplies  
Input rated voltage: 100...240VAC  
Status display: LED green  
Mounting position: Horizontal for standard rail DIN TH 35  
Protection Index: IP 20  
Terminal input/output: Push-In terminals (WAGO Serie 721)  
Housing Serie PM: Plastic (Lexan 500R)  
Housing Serie PC: Metal, Front of housing Plastic (Lexan 500R)**

**PC-1024-050-0: Uninterruptible power supply (Output voltage is buffered with an external battery module)**

**Filter HFE 156-230:  
Type of filter: EMI Filter  
No. of phase: 1  
Rated voltage: 250V  
Rated current: 10A**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012**

Documents **Test reports BLOCKLAB no.: GL-140901 (Index c / 22.06.15),  
GL-140902 (Index b / 22.06.15), GL-140903 (Index 0 / 10.03.15);  
Test reports Phoenix Testlab no.: E143562E1 (03.09.14),  
E143562E2 (03.09.14);  
Data Sheets: Power Mini (PM), Power Compact (PC);  
Data Sheet HFE 156-230 (Rev. A / 27.07.05);  
Drawings, Part lists, Circuit diagrams, Schematics and other documents according to submitted CD (25.08.14)**

Remarks **This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.  
EMC1 only in conjunction with the filter HFE 156-230/10.**

Valid until **2020-07-02**

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**Hamburg, 2015-07-03**

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## Further Technical Data / Range of Application

### Serie Power Mini (PM)

#### **PM-0112-020-0 [EMC1/EMC2, EMC1 only in conjunction with the filter HFE 156-230/10]**

Output rated voltage: 12V DC

Output rated current: 2A

#### **PM-0112-040-0 [EMC1/EMC2, EMC1 only in conjunction with the filter HFE 156-230/10]**

Output rated voltage: 12V DC

Output rated current: 4A

#### **PM-0112-070-0 [EMC1/EMC2, EMC1 only in conjunction with the filter HFE 156-230/10]**

Output rated voltage: 12V DC

Output rated current: 7A

#### **PM-0124-010-0 [EMC1/EMC2, EMC1 only in conjunction with the filter HFE 156-230/10]**

Output rated voltage: 24V DC

Output rated current: 1A

#### **PM-0124-020-0 [EMC1/EMC2, EMC1 only in conjunction with the filter HFE 156-230/10]**

Output rated voltage: 24V DC

Output rated current: 2A

#### **PM-0124-038-0 [EMC1/EMC2, EMC1 only in conjunction with the filter HFE 156-230/10]**

Output rated voltage: 24V DC

Output rated current: 3.8A

#### **PM-0124-040-0 [EMC2]**

Output rated voltage: 24V DC

Output rated current: 4A

#### **PM-0148-020-0 [EMC2]**

Output rated voltage: 48V DC

Output rated current: 2A

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**Serie Power Contact (PC)****PC-0124-050-0 [EMC1/EMC2, EMC1 only in conjunction with the filter HFE 156-230/10]**

Output rated voltage: 24V DC  
Output rated current: 5A

**PC-0124-100-0 [EMC2]**

Output rated voltage: 24V DC  
Output rated current: 10A

**PC-0124-200-0 [EMC2]**

Output rated voltage: 24V DC  
Output rated current: 20A

**PC-0112-150-0 [EMC2]**

Output rated voltage: 12V DC  
Output rated current: 15A

**PC-0148-050-0 [EMC1/EMC2, EMC1 only in conjunction with the filter HFE 156-230/10]**

Output rated voltage: 48V DC  
Output rated current: 5A

**PC-0148-100-0 [EMC2]**

Output rated voltage: 48V DC  
Output rated current: 10A

**PC-1024-050-0 [EMC2]**

Output rated voltage: 24V DC  
Output rated current: 5A

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