

Type Approval Certificate



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. 95 007 - 10 HH

Company Mean Well Enterprises Co., Ltd.
28, Wu-Chuan 3rd Road Wu Ku Ind. Park
Taipei, Hsien, TAIWAN

Product Description Single Output Industrial DIN Rail Power Supply with PFC Funktion

Type SDR-120-12, SDR-120-24, SDR-120-48, SDR-480-24, SDR-480-48,
SDR-480P-24, SDR-480P-48

Environmental Category C, H, EMC2

Technical Data / Range of Application	SDR-480-24	SDR-480-48
Input:	100...240V AC, 47...63Hz	100...240VAC, 47...63Hz
Output:	24V DC	48V DC
Rated Current:	20A	10A
Peak Current:	30A	15A
Rated Power	480W	480W
Peak Power (3sec.):	720W	720W
Ripple&Noise (max.):	100mVp-p	120mVp-p

Environmental Category "H": Cold test with -25°C / 2h
Vibration test with 2.3g (curve 4)

Test Standard Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2003

Documents Test reports: ATC SA911054(E) (2010/06/10), SA911054(V-3) (2010/06/25),
SA911054(V-1+V-2) (2010/04/06), SA911054 (S) (2010/6/19);
SGS EM/2009/B0045, EM/2009/B0046, EM/2009/BB047 (2010/06/11)

Remarks For Power Supply range 200 ... 240V AC EMC1 is fulfilled.

Valid until 2015-07-07

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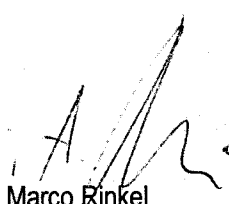
Type Approval Symbol



File No. I.M.03

Hamburg, 2010-07-21

Germanischer Lloyd


Marco Rinkel


i.A. P. Schröder
Klaus-Peter Schröder

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".

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Further Technical Data / Range of Application

	SDR-120-12	SDR-120-24	SDR-120-48
Input:	100...240V AC, 47...63Hz	100...240VAC, 47...63Hz	100...240VAC, 47...63Hz
Output:	12V DC	24V DC	48V DC
Rated Current:	10A	5A	2.5A
Peak Current:	15A	7.5A	3.75A
Rated Power	120W	120W	120W
Peak Power (3sec.):	180W	180W	180W
Ripple&Noise (max.):	100mVp-p	100mVp-p	120mVp-p

Single Output Industrial DIN Rail Power Supply with PFC and Parallel Funktion

	SDR-480P-24	SDR-480P-48
Input:	100...240V AC, 47...63Hz	100...240VAC, 47...63Hz
Output:	24V DC	48V DC
Rated Current:	20A	10A
Peak Current:	30A	15A
Rated Power	480W	480W
Peak Power (3sec.):	720W	720W
Ripple&Noise (max.):	100mVp-p	120mVp-p

Further Documents

Circuit diagrams: SDR-120, SDR-480-24, SDR-480-48, SDR-480P-24, SDR-480P-48;

Data sheets: SDR-120-Spec, SDR-480-Spec, SDR-480P-Spec;

Installation and Operation: SDR-120, SDR-480

Valid until 2015-07-07

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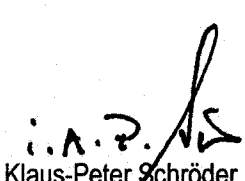
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