

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. **11 380 - 14 HH**

Company **Emerson Process Management**
1100 West Louis Henna Blvd
Round Rock TX 78681, UNITED STATES

Product Description **Redundancy Modules for Power Supplies**

Type **DeltaV**

Environmental Category **C, EMC1**

Technical Data /
Range of Application **KJ1503X1-BD1 (12P7638X012):**
Dual Redundancy Module, In: 2 x 12-28VDC, Out: 40A;
KJ1503X1-BD2 (12P7639X012):
Dual Redundancy Module, In: 2 x 12-28VDC, Out: 80A.

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 report : TR2-GL05-BS1_XV_2014-01-10 with appendices.**
DeltaV Distribution Control System Product Data Sheet, October 2014.

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.**

Valid until **2019-01-09**
Page **1 of 1**
File No. **I.M.03**
Hamburg, 2014-11-06

Type Approval Symbol




Marco Rinkel


Jens Dietrich

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Certificate No.	11 379 - 14 HH
Company	Emerson Process Management 1100 West Louis Henna Blvd Round Rock TX 78681, UNITED STATES
Product Description	DIN Rail Power Supply
Type	1X00797
Environmental Category	C, EMC2
Technical Data / Range of Application	1X00797H01L Out: 24..28V DC, 480W, active PFC.
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 report : AN-360.030.00-XV, issue 1, dated 2007-05-22; AN-357.030.00-XV, dated 2008-02-11; Resonance Search UBC10.214, dated 2007-12-18. Data Sheets and Circuit Diagrams. Add. Temperature Test Report AN-360.030.00-XV, Rev. 2. DeltaV Distribution Control System Product Data Sheet, October 2014.
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.

Valid until **2018-02-10**
 Page **1 of 1**
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Certificate No.	11 378 - 14 HH
Company	Emerson Process Management 1100 West Louis Henna Blvd Round Rock TX 78681, UNITED STATES
Product Description	DIN Rail Power Supplies / Decoupling Modules
Type	1X00781, DeltaV
Environmental Category	C, EMC2
Technical Data / Range of Application	1X00781H01L Input 100...240V AC, Output 24...28V DC, 240W. DeltaV: KJ1503X1-BA1 (12P7632X012) Input 100...240V AC, Output 12...15V DC, 180W; KJ1503X1-BC1 (12P7637X012) Diode Decoupling Module: 10...60V DC, 20A.
Test Standard	Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2003.
Documents	Test reports: AN-347.030.00-XV, issue 1, dated 2005-02-22 with appendices; SLG EMV, ESCS 30, Nr.005, dated 2004-12-28; AN-339.030.00-XV, issue 1, dated 2005-02-22 with appendices. DeltaV Distribution Control System Product Data Sheet, October 2014.
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.

Valid until **2015-02-21**
Page **1 of 1**
File No. **I.M.03**
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Certificate No.	11 377 - 14 HH
Company	Emerson Process Management 1100 West Louis Henna Blvd Round Rock TX 78681, UNITED STATES
Product Description	DIN Rail Power Supplies
Type	DeltaV
Environmental Category	C, EMC2
Technical Data / Range of Application	KJ1503X1-BB1 (12P7633X012): In: 100-240VAC Out: 24...28VDC, 5A KJ1503X1-BB2 (12P7634X012): In: 100-240VAC Out: 24...28VDC, 10A KJ1503X1-BB3 (12P7635X012): In: 100-240VAC Out: 24...28VDC, 20A.
Test Standard	Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2003.
Documents	Test report : AN-364.030.00-XV, issue 1, dated 2011-02-14 with appendices and SLG measurement reports and added cold test 2011-03-30. DeltaV Distribution Control System Product Data Sheet, October 2014.
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.

Valid until **2016-02-13**
 Page **1 of 1**
 File No. **I.M.03**
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