



# Licence

## for the use of SIQ Type Approved certification mark

**Number:** SI-SIQ BG 004/311 M1 **Project file:** C20211497

**Product:** DIN Rail Power Supply

**Type reference:** DRF-24V120W3GBx1x2, DRF-120Z24V3GBx1x2x3; Where x1, x2, x3 can be =0-9 or A-Z or blank

**Trademark:** DELTA

**Ratings:** Input: 380-500 Y/220-289V 3~; 0.5 A; 50-60 Hz  
Output: 24 Vdc; 5 A; (Output is adjustable from 24 to 28V dc with max output power 120W)

**Applicant / Licensee:** Delta Electronics (Thailand) Public Co., Ltd.  
909 Soi 9, Moo 4, Bangpoo Industrial Estate (E.P.Z.), Pattana 1 Road,  
Tambol Phraksa, Amphur Muang, Samutprakarn 10280, Thailand

**Manufacturer:** Delta Electronics (Thailand) Public Co., Ltd.  
909 Soi 9, Moo 4, Bangpoo Industrial Estate (E.P.Z.), Pattana 1 Road,  
Tambol Phraksa, Amphur Muang, Samutprakarn 10280, Thailand

SIQ hereby grants the right to use the SIQ Type Approved certification mark of conformity on the products specified in this document. The SIQ Type Approved certification mark of conformity signifies the compliance of the products with requirements of cited standards.

**Certification mark:**



**Standard:** EN 62368-1:2014 + A11:2017

**Test report:** T223-0455/21 (2021-07-08)

**Remarks:** This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

This licence is valid as long as the conditions laid down in the listed standards are not modified significantly and until the licensee complies with the SIQ's rules on product certification.

**Date:** 2021-12-09

**Authorized signature:** Bojan Pečavar

*Only integral publication of this licence is allowed. This licence may only be reproduced in its entirety and without any changes. On request SIQ will give information about the validity of the licence.*

# Licence

## for the use of SIQ Type Approved certification mark

**Number:** SI-SIQ BG 004/311 M1

**Additional remarks:**

The list of critical components of the product for which this licence is granted is included in the test report.

Unit was also investigated and found to be in compliance with clearance and creepage distance requirements of clause 4.4.7.4 and 4.4.7.5 of IEC/EN 62477-1:2012 +A11:2014 for OVC III and altitude of 2500m and for OVC II and altitude of 6000m. Output was classified as DVC A. DVC A means that output meets SELV limits for an area of contact equal to human hand under dry condition.

Requirements in IEC/EN 60204-1:2006 + A1:2009 (clearance and creepage distances) are also verified and found to be less strict than in above mentioned standards. Output must be earthed in the final unit in order to comply with PELV requirements according to standard IEC/EN 60204-1:2006 + A1:2009.

**Places of manufacture, inspection file number:**

Delta Electronics (Thailand) Public Co., Ltd.  
909 Soi 9, Moo 4, Bangpoo Industrial Estate (E.P.Z.),  
Pattana 1 Road, Tambol Phraksa, Amphur Muang,  
Samutprakarn 10280, Thailand  
(Inspection file number: 16343-16343)

Delta Electronics (Jiangsu) Ltd.  
215200, No. 1688, Jiangxing East Road,  
Wujiang Economic and Technological Development Zone,  
Suzhou City, Jiangsu Province, P.R. China  
(Inspection file number: 16343-27133)

Delta Electronics India Private Limited-SEZ Unit  
Delta SEZ Notified At Sy. No: 16/1B2B(Part) & 16/1B2A(Part),  
Plot No. 1, Industrial Park, Kurubarapalli Village, Krishnagiri - 635115,  
Tamilnadu State, India  
(Inspection file number: 16343-32513)

**Limitation:**

This SI-SIQ BG license substitutes previously issued SI-SIQ BG license No. SI-SIQ BG 004/311, dated 2021-07-08, due to additional factory location.

**Date:** 2021-12-09

**Authorized signature:** Bojan Pečavar







# Licence

## for the use of SIQ Type Approved certification mark

**Number:** SI-SIQ BG 004/311 **Project file:** C20211497

**Product:** DIN Rail Power Supply

**Type reference:** DRF-24V120W3GBx1x2, DRF-120Z24V3GBx1x2x3; Where x1, x2, x3 can be =0-9 or A-Z or blank

**Trademark:** DELTA ELECTRONICS, INC

**Ratings:** Input: 380-500 Y/220-289V 3~; 0.5 A; 50-60 Hz  
Output: 24 Vdc; 5 A; (Output is adjustable from 24 to 28V dc with max output power 120W)

**Applicant / Licensee:** Delta Electronics (Thailand) Public Co., Ltd.  
909 Soi 9, Moo 4, Bangpoo Industrial Estate (E.P.Z.), Pattana 1 Road,  
Tambol Phraksa, Amphur Muang, Samutprakarn 10280, Thailand

**Manufacturer:** Delta Electronics (Thailand) Public Co., Ltd.  
909 Soi 9, Moo 4, Bangpoo Industrial Estate (E.P.Z.), Pattana 1 Road,  
Tambol Phraksa, Amphur Muang, Samutprakarn 10280, Thailand

SIQ hereby grants the right to use the SIQ Type Approved certification mark of conformity on the products specified in this document. The SIQ Type Approved certification mark of conformity signifies the compliance of the products with requirements of cited standards.

**Certification mark:**



**Standard:** EN 62368-1:2014 + A11:2017

**Test report:** T223-0455/21 (2021-07-08)

**Remarks:** This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

This licence is valid as long as the conditions laid down in the listed standards are not modified significantly and until the licensee complies with the SIQ's rules on product certification.

**Date:** 2021-07-08

**Authorized signature:** Bojan Pečavar

*Only integral publication of this licence is allowed. This licence may only be reproduced in its entirety and without any changes. On request SIQ will give information about the validity of the licence.*

# Licence

## for the use of SIQ Type Approved certification mark

**Number:** SI-SIQ BG 004/311

**Additional remarks:**

The list of critical components of the product for which this licence is granted is included in the test report.

Unit was also investigated and found to be in compliance with clearance and creepage distance requirements of clause 4.4.7.4 and 4.4.7.5 of IEC/EN 62477-1:2012 +A11:2014 for OVC III and altitude of 2500m and for OVC II and altitude of 6000m. Output was classified as DVC A. DVC A means that output meets SELV limits for an area of contact equal to human hand under dry condition.

Requirements in IEC/EN 60204-1:2006 + A1:2009 (clearance and creepage distances) are also verified and found to be less strict than in above mentioned standards. Output must be earthed in the final unit in order to comply with PELV requirements according to standard IEC/EN 60204-1:2006 + A1:2009.

**Places of manufacture, inspection file number:**

Delta Electronics (Thailand) Public Co., Ltd.  
909 Soi 9, Moo 4, Bangpoo Industrial Estate (E.P.Z.),  
Pattana 1 Road, Tambol Phraksa, Amphur Muang,  
Samutprakarn 10280, Thailand  
(Inspection file number: 16343-16343)

Delta Electronics (Jiangsu) Ltd.  
215200, No. 1688, Jiangxing East Road,  
Wujiang Economic and Technological Development Zone,  
Suzhou City, Jiangsu Province, P.R. China  
(Inspection file number: 16343-27133)

**Limitation:**

/

**Date:** 2021-07-08

**Authorized signature:** Bojan Pečavar

