

PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO.
No DE CERTIFICAT
ZERTIFIKAT NR.

PQ292 Renewal

This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME :
NOM DE SOCIETE :
FIRMA :

Deutsch India Power Connectors
#88,UTL Sahasra shree
Bangalore
560035
India

PLACE OF MANUFACTURE :
LIEU DE FABRICATION :
HERSTELLUNGSORT :

As above

has met the requirements of EN9133 in respect of the following standards:
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Approved under Report No : 877-(R) – TE Deutsch, Bengaluru – (IN) PQ292 Dated: 21 Oct 2020
Completed by ASD-CERT Auditor : Steffen Ohde

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3646-001	EN3646-003	Class A, Class RS	Aerospace series - Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous - Part 003: Receptacle, square flange mounting - Product standard
EN3646-001	EN3646-004	Class A, Class RS	Aerospace series - Connectors, electrical, circular, bayonetcoupling, operating temperature 175 °C or 200 °C continuous -Part 004: Receptacle, jam-nut mounting - Product standard

This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

01-Mar-2021

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen



PRODUCT QUALIFICATION
QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ292
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Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3646-001	EN3646-008	Class A, Class RS	Aerospace series - Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous - Part 008: Plug - Product standard



This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

01-Mar-2021

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen

A handwritten signature in black ink, appearing to be 'CF', is written over a light blue circular stamp that is partially visible in the background.

Christelle Festaud, ASD-CERT Secretary General
331-476-57011 19 March 2021

ASD-CERT
PQ 292 - Appendix 1 for the Qualified part number list

1. RECEPTACLE SQUARE FLANGE

EN3646-003 Class A

EN3646	DEUTSCH
EN3646A0083Ax*	FDBA 50-08-3A x*-K
EN3646A00898x*	FDBA 50-08-98 x*-K
EN3646A00833x*	FDBA 50-08-33 x*-K
EN3646A01006x*	FDBA 50-10-06 x*-K
EN3646A01208x*	FDBA 50-12-08 x*-K
EN3646A01210x*	FDBA 50-12-10 x*-K
EN3646A01419x*	FDBA 50-14-19 x*-K
EN3646A01626x*	FDBA 50-16-26 x*-K
EN3646A01832x*	FDBA 50-18-32 x*-K

x = F, B or D for female contacts ; M, A or C for male contacts
* = N, W, X, Y and Z

2. RECEPTACLE SQUARE FLANGE

EN3646-003 Class RS

EN3646	DEUTSCH
EN3646RS0083Ax*	FDBA 50-08-3A x*-K-A499
EN3646RS00898x*	FDBA 50-08-98 x*-K-A499
EN3646RS00833x*	FDBA 50-08-33 x*-K-A499
EN3646RS01006x*	FDBA 50-10-06 x*-K-A499
EN3646RS01208x*	FDBA 50-12-08 x*-K-A499
EN3646RS01210x*	FDBA 50-12-10 x*-K-A499
EN3646RS01419x*	FDBA 50-14-19 x*-K-A499
EN3646RS01626x*	FDBA 50-16-26 x*-K-A499
EN3646RS01832x*	FDBA 50-18-32 x*-K-A499

x = F, B or D for female contacts ; M, A or C for male contacts
* = N, W, X, Y and Z



A handwritten signature in black ink, appearing to be "H. J. J. J."

ASD-CERT
PQ 292 - Appendix 1 for the Qualified part number list

3. JAM-NUT RECEPTACLE

EN3646-004 Class A

EN3646	DEUTSCH
EN3646A7083Ax*	FDBA 54-08-3A x*-K
EN3646A70898x*	FDBA 54-08-98 x*-K
EN3646A70833x*	FDBA 54-08-33 x*-K
EN3646A71006x*	FDBA 54-10-06 x*-K
EN3646A71208x*	FDBA 54-12-08 x*-K
EN3646A71210x*	FDBA 54-12-10 x*-K
EN3646A71419x*	FDBA 54-14-19 x*-K
EN3646A71626x*	FDBA 54-16-26 x*-K
EN3646A71832x*	FDBA 54-18-32 x*-K

x = F, B or D for female contacts ; M, A or C for male contacts
 * = N, W, X, Y and Z

4. JAM-NUT RECEPTACLE

EN3646-004 Class RS

EN3646	DEUTSCH
EN3646RS7083Ax*	FDBA 54-08-3A x*-K-A499
EN3646RS70898x*	FDBA 54-08-98 x*-K-A499
EN3646RS70833x*	FDBA 54-08-33 x*-K-A499
EN3646RS71006x*	FDBA 54-10-06 x*-K-A499
EN3646RS71208x*	FDBA 54-12-08 x*-K-A499
EN3646RS71210x*	FDBA 54-12-10 x*-K-A499
EN3646RS71419x*	FDBA 54-14-19 x*-K-A499
EN3646RS71626x*	FDBA 54-16-26 x*-K-A499
EN3646RS71832x*	FDBA 54-18-32 x*-K-A499

x = F, B or D for female contacts ; M, A or C for male contacts
 * = N, W, X, Y and Z



ASD-CERT
PQ 292 - Appendix 1 for the Qualified part number list

5. PLUG

EN3646-008 Class A

EN3646	DEUTSCH
EN3646A6083Ax*	FDBA 56-08-3A x*-K
EN3646A60898x*	FDBA 56-08-98 x*-K
EN3646A60833x*	FDBA 56-08-33 x*-K
EN3646A61006x*	FDBA 56-10-06 x*-K
EN3646A61208x*	FDBA 56-12-08 x*-K
EN3646A61210x*	FDBA 56-12-10 x*-K
EN3646A61419x*	FDBA 56-14-19 x*-K
EN3646A61626x*	FDBA 56-16-26 x*-K
EN3646A61832x*	FDBA 56-18-32 x*-K

x = F, B or D for female contacts ; M, A or C for male contacts

* = N, W, X, Y and Z

6. PLUG

EN3646-008 Class RS

EN3646	DEUTSCH
EN3646RS6083Ax*	FDBA 57-08-3A x*-K-A499
EN3646RS60898x*	FDBA 57-08-98 x*-K-A499
EN3646RS60833x*	FDBA 57-08-33 x*-K-A499
EN3646RS61006x*	FDBA 57-10-06 x*-K-A499
EN3646RS61208x*	FDBA 57-12-08 x*-K-A499
EN3646RS61210x*	FDBA 57-12-10 x*-K-A499
EN3646RS61419x*	FDBA 57-14-19 x*-K-A499
EN3646RS61626x*	FDBA 57-16-26 x*-K-A499
EN3646RS61832x*	FDBA 57-18-32 x*-K-A499

x = F, B or D for female contacts ; M, A or C for male contacts

* = N, W, X, Y and Z



ASD-CERT
PQ 292 - Appendix 2 for the List of VAD

PLANT	ADDRESS
PEI-Genesis UK Ltd	George Curl Way Southampton SO18 2RZ UNITED KINGDOM



PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO.
No DE CERTIFICAT
ZERTIFIKAT NR.

PQ292

This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME :
NOM DE SOCIETE :
FIRMA :

Deutsch India Power Connectors Pvt. Ltd.
No. 104, Prestige Omega
Bengaluru
560066
India

PLACE OF MANUFACTURE :
LIEU DE FABRICATION :
HERSTELLUNGSORT :

As above

has met the requirements of EN9133 in respect of the following standards:
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Approved under Report No : 481- (MCR) TE Deutsch, Bengaluru – (IN) PQ292 Add 2 VAD, PEI Genesis UK and Compagnie
Deutsch distribution Toulouse **Dated:** 28 Jan 2020

Completed by ASD-CERT Auditor : Paul Broughton

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3646-001	EN3646-003	Class A, Class RS	Aerospace series - Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous - Part 003: Receptacle, square flange mounting - Product standard
EN3646-001	EN3646-004	Class A, Class RS	Aerospace series - Connectors, electrical, circular, bayonetcoupling, operating temperature 175 °C or 200 °C continuous -Part 004: Receptacle, jam-nut mounting - Product standard

This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

01-Mar-2018

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen



PRODUCT QUALIFICATION
QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ292
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Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3646-001	EN3646-008	Class A, Class RS	Aerospace series - Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous - Part 008: Plug - Product standard



This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

01-Mar-2018

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen

A handwritten signature in black ink, appearing to be 'CF', is written over a light blue circular stamp that is partially visible in the background.

Christelle Festaud, ASD-CERT Secretary General
331-476-57011 7 August 2020

ASD-CERT
PQ 292 - Appendix 1 for the Qualified part number list

1. RECEPTACLE SQUARE FLANGE

EN3646-003 Class A

EN3646	DEUTSCH
EN3646A0083Ax*	FDBA 50-08-3A x*-K
EN3646A00898x*	FDBA 50-08-98 x*-K
EN3646A00833x*	FDBA 50-08-33 x*-K
EN3646A01006x*	FDBA 50-10-06 x*-K
EN3646A01208x*	FDBA 50-12-08 x*-K
EN3646A01210x*	FDBA 50-12-10 x*-K
EN3646A01419x*	FDBA 50-14-19 x*-K
EN3646A01626x*	FDBA 50-16-26 x*-K
EN3646A01832x*	FDBA 50-18-32 x*-K

x = F, B or D for female contacts ; M, A or C for male contacts
* = N, W, X, Y and Z

2. RECEPTACLE SQUARE FLANGE

EN3646-003 Class RS

EN3646	DEUTSCH
EN3646RS0083Ax*	FDBA 50-08-3A x*-K-A499
EN3646RS00898x*	FDBA 50-08-98 x*-K-A499
EN3646RS00833x*	FDBA 50-08-33 x*-K-A499
EN3646RS01006x*	FDBA 50-10-06 x*-K-A499
EN3646RS01208x*	FDBA 50-12-08 x*-K-A499
EN3646RS01210x*	FDBA 50-12-10 x*-K-A499
EN3646RS01419x*	FDBA 50-14-19 x*-K-A499
EN3646RS01626x*	FDBA 50-16-26 x*-K-A499
EN3646RS01832x*	FDBA 50-18-32 x*-K-A499

x = F, B or D for female contacts ; M, A or C for male contacts
* = N, W, X, Y and Z



ASD-CERT
PQ 292 - Appendix 1 for the Qualified part number list

3. JAM-NUT RECEPTACLE

EN3646-004 Class A

EN3646	DEUTSCH
EN3646A7083Ax*	FDBA 54-08-3A x*-K
EN3646A70898x*	FDBA 54-08-98 x*-K
EN3646A70833x*	FDBA 54-08-33 x*-K
EN3646A71006x*	FDBA 54-10-06 x*-K
EN3646A71208x*	FDBA 54-12-08 x*-K
EN3646A71210x*	FDBA 54-12-10 x*-K
EN3646A71419x*	FDBA 54-14-19 x*-K
EN3646A71626x*	FDBA 54-16-26 x*-K
EN3646A71832x*	FDBA 54-18-32 x*-K

x = F, B or D for female contacts ; M, A or C for male contacts

* = N, W, X, Y and Z

4. JAM-NUT RECEPTACLE

EN3646-004 Class RS

EN3646	DEUTSCH
EN3646RS7083Ax*	FDBA 54-08-3A x*-K-A499
EN3646RS70898x*	FDBA 54-08-98 x*-K-A499
EN3646RS70833x*	FDBA 54-08-33 x*-K-A499
EN3646RS71006x*	FDBA 54-10-06 x*-K-A499
EN3646RS71208x*	FDBA 54-12-08 x*-K-A499
EN3646RS71210x*	FDBA 54-12-10 x*-K-A499
EN3646RS71419x*	FDBA 54-14-19 x*-K-A499
EN3646RS71626x*	FDBA 54-16-26 x*-K-A499
EN3646RS71832x*	FDBA 54-18-32 x*-K-A499

x = F, B or D for female contacts ; M, A or C for male contacts

* = N, W, X, Y and Z



ASD-CERT
PQ 292 - Appendix 1 for the Qualified part number list

5. PLUG

EN3646-008 Class A

EN3646	DEUTSCH
EN3646A6083Ax*	FDBA 56-08-3A x*-K
EN3646A60898x*	FDBA 56-08-98 x*-K
EN3646A60833x*	FDBA 56-08-33 x*-K
EN3646A61006x*	FDBA 56-10-06 x*-K
EN3646A61208x*	FDBA 56-12-08 x*-K
EN3646A61210x*	FDBA 56-12-10 x*-K
EN3646A61419x*	FDBA 56-14-19 x*-K
EN3646A61626x*	FDBA 56-16-26 x*-K
EN3646A61832x*	FDBA 56-18-32 x*-K

x = F, B or D for female contacts ; M, A or C for male contacts

* = N, W, X, Y and Z

6. PLUG

EN3646-008 Class RS

EN3646	DEUTSCH
EN3646RS6083Ax*	FDBA 57-08-3A x*-K-A499
EN3646RS60898x*	FDBA 57-08-98 x*-K-A499
EN3646RS60833x*	FDBA 57-08-33 x*-K-A499
EN3646RS61006x*	FDBA 57-10-06 x*-K-A499
EN3646RS61208x*	FDBA 57-12-08 x*-K-A499
EN3646RS61210x*	FDBA 57-12-10 x*-K-A499
EN3646RS61419x*	FDBA 57-14-19 x*-K-A499
EN3646RS61626x*	FDBA 57-16-26 x*-K-A499
EN3646RS61832x*	FDBA 57-18-32 x*-K-A499

x = F, B or D for female contacts ; M, A or C for male contacts

* = N, W, X, Y and Z



ASD-CERT
PQ 292 - Appendix 2 for the List of VAD

PLANT	ADDRESS
PEI-Genesis UK Ltd	George Curl Way Southampton SO18 2RZ UNITED KINGDOM
Compagnie Deutsch Distribution	Aéroparc Saint Martin 12 rue Caulet 31300 Toulouse FRANCE



PRODUCT QUALIFICATION / QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. **PQ 292**
N° DE CERTIFICAT
ZERTIFIKAT NR.

This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Deutsch India Power Connectors
NOM DE SOCIETE : 104, Prestige Omega, EPIP Zone, 1st Phase
FIRMA : Whitefield Road
Bangalore 560066, India

PLACE OF MANUFACTURE : As above
LIEU DE FABRICATION :
HERSTELLUNGSORT :

has met the requirements of EN9133 in respect of the following standards:
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Applicable Standard Norme applicable Zutreffende Norm	Products Produits Erzeugnisse	Report No. Issue Date ASD-CERT Mandated Body
EN3646-001	EN3646-003, -004 & -008 Classes A & RS, See the Appendix for the Qualified part number list	Report: N°22 for <u>Deutsch</u> ACP005 Form2- Issue 1_2014/01/29 Christian Mazelle - SNECMA

This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

March 2018

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen

DATE :
DATE : 12/03/2015
DATUM :

PLACE :
A :
ORT : Brussels, Belgium

SIGNATURE :
SIGNATURE :
UNTERSCHRIFT : Thierry Grenot, Secretary General, +33 1 47 65 70 18

1

1. RECEPTACLE SQUARE FLANGE

EN3646-003 Class A

EN3646	DEUTSCH
EN3646A0083Ax*	FDBA 50-08-3A x*-K
EN3646A00898x*	FDBA 50-08-98 x*-K
EN3646A00833x*	FDBA 50-08-33 x*-K
EN3646A01006x*	FDBA 50-10-06 x*-K
EN3646A01208x*	FDBA 50-12-08 x*-K
EN3646A01210x*	FDBA 50-12-10 x*-K
EN3646A01419x*	FDBA 50-14-19 x*-K
EN3646A01626x*	FDBA 50-16-26 x*-K
EN3646A01832x*	FDBA 50-18-32 x*-K

x = F, B or D for female contacts ; M, A or C for male contacts
* = N, W, X, Y and Z

2. RECEPTACLE SQUARE FLANGE

EN3646-003 Class RS

EN3646	DEUTSCH
EN3646RS0083Ax*	FDBA 50-08-3A x*-K-A499
EN3646RS00898x*	FDBA 50-08-98 x*-K-A499
EN3646RS00833x*	FDBA 50-08-33 x*-K-A499
EN3646RS01006x*	FDBA 50-10-06 x*-K-A499
EN3646RS01208x*	FDBA 50-12-08 x*-K-A499
EN3646RS01210x*	FDBA 50-12-10 x*-K-A499
EN3646RS01419x*	FDBA 50-14-19 x*-K-A499
EN3646RS01626x*	FDBA 50-16-26 x*-K-A499
EN3646RS01832x*	FDBA 50-18-32 x*-K-A499

x = F, B or D for female contacts ; M, A or C for male contacts
* = N, W, X, Y and Z



2

3. JAM-NUT RECEPTACLE

EN3646-004 Class A

EN3646	DEUTSCH
EN3646A7083Ax*	FDBA 54-08-3A x*-K
EN3646A70898x*	FDBA 54-08-98 x*-K
EN3646A70833x*	FDBA 54-08-33 x*-K
EN3646A71006x*	FDBA 54-10-06 x*-K
EN3646A71208x*	FDBA 54-12-08 x*-K
EN3646A71210x*	FDBA 54-12-10 x*-K
EN3646A71419x*	FDBA 54-14-19 x*-K
EN3646A71626x*	FDBA 54-16-26 x*-K
EN3646A71832x*	FDBA 54-18-32 x*-K

x = F, B or D for female contacts ; M, A or C for male contacts
* = N, W, X, Y and Z

4. JAM-NUT RECEPTACLE

EN3646-004 Class RS

EN3646	DEUTSCH
EN3646RS7083Ax*	FDBA 54-08-3A x*-K-A499
EN3646RS70898x*	FDBA 54-08-98 x*-K-A499
EN3646RS70833x*	FDBA 54-08-33 x*-K-A499
EN3646RS71006x*	FDBA 54-10-06 x*-K-A499
EN3646RS71208x*	FDBA 54-12-08 x*-K-A499
EN3646RS71210x*	FDBA 54-12-10 x*-K-A499
EN3646RS71419x*	FDBA 54-14-19 x*-K-A499
EN3646RS71626x*	FDBA 54-16-26 x*-K-A499
EN3646RS71832x*	FDBA 54-18-32 x*-K-A499

x = F, B or D for female contacts ; M, A or C for male contacts
* = N, W, X, Y and Z



3

5. PLUG

EN3646-008 Class A

EN3646	DEUTSCH
EN3646A6083Ax*	FDBA 56-08-3A x*-K
EN3646A60898x*	FDBA 56-08-98 x*-K
EN3646A60833x*	FDBA 56-08-33 x*-K
EN3646A61006x*	FDBA 56-10-06 x*-K
EN3646A61208x*	FDBA 56-12-08 x*-K
EN3646A61210x*	FDBA 56-12-10 x*-K
EN3646A61419x*	FDBA 56-14-19 x*-K
EN3646A61626x*	FDBA 56-16-26 x*-K
EN3646A61832x*	FDBA 56-18-32 x*-K

x = F, B or D for female contacts ; M, A or C for male contacts
* = N, W, X, Y and Z

6. PLUG

EN3646-008 Class RS

EN3646	DEUTSCH
EN3646RS6083Ax*	FDBA 57-08-3A x*-K-A499
EN3646RS60898x*	FDBA 57-08-98 x*-K-A499
EN3646RS60833x*	FDBA 57-08-33 x*-K-A499
EN3646RS61006x*	FDBA 57-10-06 x*-K-A499
EN3646RS61208x*	FDBA 57-12-08 x*-K-A499
EN3646RS61210x*	FDBA 57-12-10 x*-K-A499
EN3646RS61419x*	FDBA 57-14-19 x*-K-A499
EN3646RS61626x*	FDBA 57-16-26 x*-K-A499
EN3646RS61832x*	FDBA 57-18-32 x*-K-A499

x = F, B or D for female contacts ; M, A or C for male contacts
* = N, W, X, Y and Z

