

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50392502

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0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
T.D.	ZKR1-CGL-13003461 005	17.11.2017	(day/mo/yr)

Genehmigungsinhaber *License Holder*
Alpha 3 Manufacturing Limited
Deltron Emcon House Hargreaves Way
Sawcliffe Industrial Park Scunthorpe
North Lincolnshire,
DN15 8RF
United Kingdom

Fertigungsstätte *Manufacturing Plant*
030-0000337338

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

EN 60939-2:2005
IEC 60939-2:2005

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

EMC Suppressor Filter EMI-Filter

Type Designation : RESb-tu-vw	7
b stands for : Shape of Case (b = 1 or 3 or 5)	1
t stands for : Type of Terminals (F = #250 flat quick-connect, T = M4 Stud)	1
u stands for : Rated Current (03 = 3A, 05 = 5A, 07 = 7A, 08 = 8A, 10 = 10A, 15 = 15A, 20 = 20A, 30 = 30A)	1
v stands for : Rated Capacitance of X capacitor (1 = 0.1uF, 2 = 0.22uF, 3 = 0.33uF, 4 = 0.47uF, D = 0.047uF, Blank = 0.1uF or 0.22uF or 0.33uF or 0.47uF or 0.047uF)	1
w stands for : Rated Capacitance of Y capacitor (0 = none, C = 330pF, D = 470pF, 1 = 1000pF, 2 = 2200pF, 3 = 3300pF, 4 = 4700pF, 7 = 1000pF or 3300pF, Blank = 330pF or 470pF or 1000pF or 2200pF or 3300pF or 4700pF)	1

Continued on page 0002

ANLAGE (Appendix): 1

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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



TagSun Park

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50392502

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0002

Ihr Zeichen *Client Reference*
T.D.

Unser Zeichen *Our Reference*
ZKR1-CGL-13003461 005

Ausstellungsdatum
17.11.2017

Date of Issue
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Sawcliffe Industrial Park Scunthorpe
North Lincolnshire,
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United Kingdom

Fertigungsstätte *Manufacturing Plant*

030-0000337338

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

EN 60939-2:2005
IEC 60939-2:2005

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

EMC Supressor Filter EMI-Filter

Continued from page 0001

Rated Voltage : 250V a.c.
Overvoltage Category : II
Pollution Degree : 2

Remark : Refer to Appendix 1 for List of Capacitance and Corresponding Type of Filter

ANLAGE (Appendix): 1

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Fax: +49 221 806-3935 http://www.tuv.com/safety



Alpha 3 Manufacturing Limited
Mr. Tom Downing Team manager
-
Deltron Emcon House Hargreaves Way
Sawcliffe Industrial Park
Scunthorpe
North Lincolnshire,
DN15 8RF
United Kingdom

Date : 17.11.2017
Our ref. : CGL ZKR1
Your ref.: T.D.

Ref : R TÜV-Mark Approval

Type of Equipment : EMI-Filter
Model Designation : See Certificate
Certificate No. : R 50392502 0001
Report No. : 13003461 005

Dear Mr. Tom Downing,

Please find enclosed your co-licence as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

Please note that this co-licence is valid only if the licence on which it is based remains current.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services. Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body



TagSun Park

Enclosure

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50392506

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0001

Ihr Zeichen *Client Reference*
T.D.

Unser Zeichen *Our Reference*
ZKR1-CGL-02168102 007

Ausstellungsdatum
17.11.2017

Date of Issue
(day/mo/yr)

Genehmigungsinhaber *License Holder*

Alpha 3 Manufacturing Limited
Deltron Emcon House Hargreaves Way
Sawcliffe Industrial Park Scunthorpe
North Lincolnshire,
DN15 8RF
United Kingdom

Fertigungsstätte *Manufacturing Plant*

030-0000337338

Prüfzeichen *Test Mark*



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1419052468

Geprüft nach *Tested acc. to*

EN 60320-1:2001+A1
EN 60939-2:2005

**Zertifiziertes Produkt (Geräteidentifikation)
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit
*License Fee - Unit***

EMC Suppressor Filter EMI-Filter

Type Designation	: RIu-(v)vvxy-z	6
u stands for	: Shape of Case for Installation (D = Horizontal screw, X = Vertical screw with GND symbol)	1
(v)vv stands for	: Rated Current (01=1A, 02=2A, 03=3A, 06=6A, 10=10A, N01=1A, N02=2A, N03=3A, N06=6A, N10=10A, L03=3A, L06=6A, L10=10A)	1
x stands for	: Rated Capacitance of X2-Capacitor (2=0.022µF, 3=0.033µF, 4=0.047µF, A=0.1µF, B=0.15µF)	1
y stands for	: Rated Capacitance of Y2-Capacitor (2=2200pF, 3=3300pF, C=330pF, D=470pF E=1000pF)	1
z stands for	: Kind of Terminal (H=250 Fasten tab, P=PCB tab, S=Soldering tab, W=PVC insulated wire)	1

Continued on page 0002

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ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
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Zertifizierungsstelle



TagSun Park

Zertifikat

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R 50392506

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0002

Ihr Zeichen *Client Reference*
T.D.

Unser Zeichen *Our Reference*
ZKR1-CGL-02168102 007

Ausstellungsdatum
17.11.2017

Date of Issue
(day/mo/yr)

Genehmigungsinhaber *License Holder*

Alpha 3 Manufacturing Limited
Deltron Emcon House Hargreaves Way
Sawcliffe Industrial Park Scunthorpe
North Lincolnshire,
DN15 8RF
United Kingdom

Fertigungsstätte *Manufacturing Plant*

030-0000337338

Prüfzeichen *Test Mark*



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1419052468

Geprüft nach *Tested acc. to*

EN 60320-1:2001+A1
EN 60939-2:2005

**Zertifiziertes Produkt (Geräteidentifikation)
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit
*License Fee - Unit***

EMC Supressor Filter EMI-Filter

Continued from page 0001

Rated Voltage : 250Va.c.
Rated Frequency : 50/60Hz
Climatic Category : 25/85/21
Overvoltage Category : II
Protection Class : I
Rated Temperature : 55°C (only if (v)vv is 01, 02, 03,
N01, N02, N03)
40°C (only if (v)vv is 06, 10, N06,
N10, L03, L06, L10)
AC Inlet : Standard sheet C14 of EN 60320-1

Remark : Refer to Appendix 1 for List of Capacitance and
Corresponding Type of Filter.

ANLAGE (Appendix) : 1

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Alpha 3 Manufacturing Limited
Mr. Tom Downing Team manager
-
Deltron Emcon House Hargreaves Way
Sawcliffe Industrial Park
Scunthorpe
North Lincolnshire,
DN15 8RF
United Kingdom

Date : 17.11.2017
Our ref. : CGL ZKR1
Your ref.: T.D.

Ref : R TÜV-Mark Approval

Type of Equipment : EMI-Filter
Model Designation : See Certificate
Certificate No. : R 50392506 0001
Report No. : 02168102 007

Dear Mr. Tom Downing,

Please find enclosed your co-licence as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

Please note that this co-licence is valid only if the licence on which it is based remains current.

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With kind regards,

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Zertifikat Nr. *Certificate No.*
R 50392508

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0001

Ihr Zeichen *Client Reference*
T.D.

Unser Zeichen *Our Reference*
ZKR1-CGL-13003459 004

Ausstellungsdatum *Date of Issue*
17.11.2017 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Alpha 3 Manufacturing Limited
Deltron Emcon House Hargreaves Way
Sawcliffe Industrial Park Scunthorpe
North Lincolnshire,
DN15 8RF
United Kingdom

Fertigungsstätte *Manufacturing Plant*
030-0000337338

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

EN 60939-2:2005
EN 60320-1:2001

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

EMC Supressor Filter EMI-Filter

Type Designation	: RIS-tuv-w	7
s stands for	: Kind of Sub-series (R=IEC connector with fuse holder, P=Screw mounting with double pole switch and fuse holder, Q=Snap-in with lock spring with double pole switch and fuse holder)	1
t stands for	: Rated Current (02 = 2A, 04 = 4A, 06 = 6A, 08 = 8A, 10 = 10A)	1
u stands for	: Rated Capacitance of X Capacitor (1=0.1uF, 2=0.22uF, 3=0.33uF, 4=0.47uF)	1
v stands for	: Rated Capacitance of Y Capacitor (0=non, C=330pF, D=470pF, 1=1000pF, 2=2200pF, 3=3300pF, 4=4700pF)	1
w stands for	: Type of Terminals (F=#110 flat quick-connect, H=#250 flat quick-connect, S=soldering lug)	1

Continued on page 0002

ANLAGE (Appendix): 1

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Fertigungsstätte *Manufacturing Plant*

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Geprüft nach *Tested acc. to*

EN 60939-2:2005
EN 60320-1:2001

**Zertifiziertes Produkt (Geräteidentifikation)
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit
*License Fee - Unit***

EMC Suppressor Filter EMI-Filter

Continued from page 0001

Rated Voltage : 250V a.c. or 125V a.c.
Rated Frequency : 50/60Hz
Climate Category : 21/85/21
Overvoltage Category : II
Pollution Degree : 2

Remark : Refer to Appendix 1 for List of Capacitance and corresponding Type of Filter.

ANLAGE (Appendix) : 1

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Mr. Tom Downing Team manager
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United Kingdom

Date : 17.11.2017
Our ref. : CGL ZKR1
Your ref.: T.D.

Ref : R TÜV-Mark Approval

Type of Equipment : EMI-Filter
Model Designation : See Certificate
Certificate No. : R 50392508 0001
Report No. : 13003459 004

Dear Mr. Tom Downing,

Please find enclosed your co-licence as specified above.

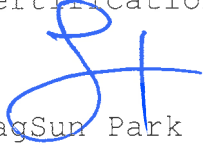
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