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Accredited according to ISO 17025 and  
Guide 65

## Zertifikat Certificate

**Zertifikatsinhaber:**  
*Holder of certificate:*

**Convertec Limited**  
Whitemill Industrial Estate, Wexford  
Republic of Ireland

**Handelszeichen:**  
*Trademark:*  
(if other than applicant)

CONVERTEC or TRACO POWER

**Fertigungsstätte:**  
*Factory:*

**Convertec Limited**  
Whitemill Industrial Estate, Wexford  
Republic of Ireland

**Produkt-Typ:**  
*Product type:*

Power supply for built-in use (DIN rail)

**Modell:**  
*Model:*

LOCO- or TSPC- series  
(see Annex for details)

**Nenndaten:**  
*Ratings:*

see Annex

**Zulassungszeichen:**  
*Certification mark:*



**Norm:**  
*Standard:*

Repräsentative Testmuster des/der o. g. Modells/Modelle bestanden die Prüfungen nach  
Representative test samples of above stated model(s) passed the tests according to

IEC 60950-1:2005 (2nd Ed.) + A1:2009,  
EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011,  
EN 61558-2-6:2009 in conjunction with EN 61558-1:2005 + A1:2009,  
EN 61558-2-16:2009 in conjunction with EN 61558-1:2005 + A1:2009,  
IEC 62103 (1st Ed.), EN 50178:1997, EN 60204-1:2006 + A1:2009

**Bericht Nr:**  
*Report no.:*

10TH0037-60950\_2 , 10TH0037-61558-2-6\_0, 10TH0037-61558-2-16\_0,  
10TH0037-62103\_1, 10TH0037-60204\_1

**Zertifikat Nr.:**  
*Certificate no.:*

**14-041**

**Datum:**  
*Issued:*

2014-05-20

**Gültig bis:**  
*Valid until:*

2019-05-19

**Zertifizierungsstelle**  
*Certification Department*

Heinz-Jürgen Zeiger



## Anhang zu Zertifikat 14-041

### *Annex to certificate*

**Modell:**

*Model:*

<b>Model/Type reference:</b>	<b>CONVERTEC:</b>	<b>TRACO POWER:</b>
	LOCO 012.040, LOCO 024.021,	TSPC 050-112, TSPC 050-124,
	LOCO 012.066, LOCO 024.033,	TSPC 080-112, TSPC 080-124,
	LOCO 024.050, LOCO 048.025,	TSPC 120-124, TSPC 120-148,
	LOCO 024.100, LOCO 048.050,	TSPC 240-124, TSPC 240-148,
	LOCO 024.100 USV,	TSPC 240-124UPS,
	LOCO 024.200, LOCO 048.100	TSPC 480-124, TSPC 480-148

**General product information:**

Power supply for built-in use (DIN rail)

Model no. trademark "TRACOPOWER"	Model no. trademark "convertec"	Internal reference no. (drawing no.)
TSPC 050-112	LOCO 012.040	050POP182
TSPC 050-124	LOCO 024.021	050POP184
TSPC 080-112	LOCO 012.066	080POP182
TSPC 080-124	LOCO 024.033	080POP184
TSPC 120-124	LOCO 024.050	120POP184
TSPC 120-148	LOCO 048.025	120POP185
TSPC 240-124	LOCO 024.100	240POP184
TSPC 240-148	LOCO 048.050	240POP185
TSPC 240-124UPS	LOCO 024.100 USV	240POP148USV
TSPC 480-124	LOCO 024.200	480POP184
TSPC 480-148	LOCO 048.100	480POP185

## Anhang zu Zertifikat 14-041

### *Annex to certificate*

Ratings:	<u>Input:</u>
	<p>TSPC 050-112: 100 - 240 Vac; 1,1 - 0,7 A, 50/60 Hz</p> <p>TSPC 050-124: 100 - 240 Vac; 1,1 - 0,7 A, 50/60 Hz</p> <p>TSPC 080-112: 100 - 120/220 - 240 Vac; 1,9/1,1 A, 50/60 Hz</p> <p>TSPC 080-124: 100 - 120/220 - 240 Vac; 1,7/1,0 A, 50/60 Hz</p> <p>TSPC 120-124: 100 - 120/220 - 240 Vac; 2,5/1,4 A, 50/60 Hz</p> <p>TSPC 120-148: 100 - 120/220 - 240 Vac; 2,8/1,5 A, 50/60 Hz</p> <p>TSPC 240-124: 100 - 120/220 - 240 Vac; 5,1/2,2 A, 50/60 Hz</p> <p>TSPC 240-148: 100 - 120/220 - 240 Vac; 5,4/2,4 A, 50/60 Hz</p> <p>TSPC 240-124UPS: 100 - 120/220 - 240 Vac; 5,1/2,5 A, 50/60 Hz (Battery input: 13,6 Vdc/30 A)</p> <p>TSPC 480-124: 100 - 120/220 - 240 Vac; 9,1/3,6 A, 50/60 Hz</p> <p>TSPC 480-148: 100 - 120/220 - 240 Vac; 9,1/4,1 A, 50/60 Hz</p>
	<u>12V Output (adjustable from 12 – 14 Vdc)</u>
	<p>TSPC 050-112: 12 Vdc; 4,0 A</p> <p>TSPC 080-112: 12 Vdc; 6,6 A</p>
	<u>24V Output (adjustable from 24 – 28 Vdc)</u>
	<p>TSPC 050-124: 24 Vdc; 2,1 A</p> <p>TSPC 080-124: 24 Vdc; 3,3 A</p> <p>TSPC 120-124: 24 Vdc; 5,0 A</p> <p>TSPC 240-124: 24 Vdc; 10,0 A</p> <p>TSPC 480-124: 24 Vdc; 20,0 A</p> <p>TSPC 240-124UPS: 24Vdc; 10,0 A</p>
	<u>48V Output (adjustable from 48 – 56 Vdc)</u>
	<p>TSPC 120-148: 48 Vdc; 2,5 A</p> <p>TSPC 240-148: 48 Vdc; 5,0 A</p> <p>TSPC 480-148: 48 Vdc; 10,0 A</p>