

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No .:	IECEx EPS 14.0048		Issue No: 1	Certificate history:
Status:	Current		Page 1 of 4	Issue No. 1 (2015-03-03) Issue No. 0 (2014-07-28)
Date of Issue:	2015-03-03			
Applicant:	Quintex GmbH i_PARK TAUBERFRANKEN 13, 97922 Lauda-Königshofen Germany			
Electrical Apparatus: Optional accessory:	Connection and Junction Box type	e Q*_****_****_***5/		
Type of Protection:	increased safety, intrinsic safety, p	protection by enclosures		
Marking:	Ex eb ia IIC/IIB/IIA T6/T5/T4			
	Ex tb IIIC T85°C/T100°C/T120°C			
Approved for issue on behalf of th Certification Body:	e IECEx	Dieter Zitzmann		
Position:		Manager Certification	IERUNES	
Signature: (for printed version)			AU VAN	- m
Date:			20 10-03 03	
 This certificate and schedule ma This certificate is not transferable 	ay only be reproduced in full. le and remains the property of the is	suing body.	1828	e ^e
3. The Status and authenticity of the	nis certificate may be verified by visi	ting the Official IECEx W	/ebsite.	
Certificate issued by:				
Business 86842 T	ducts Services Germany GmbH spark A96 fürkheim many	BUREAU VERITAS		
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Manufacturer:	Quintex GmbH i_PARK TAUBERFRANKEN 13 97922 Lauda-Königshofen Germany	

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-31 : 2008 Edition:1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the

Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

DE/EPS/ExTR14.0047/01

Quality Assessment Report:

DE/EPS/QAR11.0001/02



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The connection and Junction Box type Q*-****_****5/... consists of a enclosure in the type of protection Increased safety "e" or dust tight enclosure "t" for stationary assembly. The enclosure is equipped with terminals for circuits in the type of protection Increased safety "e" or intrinsic safety "ia" or a combination of both. The components of intrinsically safe circuits are to be marked accordingly. The empty enclosure as well as all mounted and attached components have been tested and certified under separate examination certificate.

CONDITIONS OF CERTIFICATION: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above): Addition of new housing dimensions.

Annex:

Quin_Systemschein_13TH0337_Attachment to IECEx Zertifikat_1.pdf



Attachment to certificate

IECEx EPS 14.0048 Rev.1



Applicant:	Quintex GmbH i_PARK TAUBERFRANKEN 13 97922 Lauda-Königshofen Germany
Electrical Apparatus:	Connection and Junction Box type: Q*-****-****5/

Description:

The Connection and Junction Box Type Q*-****-***5/... consists of an enclosure in the type of protection Increased safety "e" or dust tight enclosure "t" for stationary assembly. The enclosure is equipped with terminals for circuits in the type of protection Increased safety "e" or Intrinsic safety "ia" or a combination of both. The components of Intrinsically safe circuits are to be marked accordingly. The empty enclosure as well as all mounted and attached components have been tested and certified under separate examination certificate.

Electrical data:

Rated voltage:
Rated current:
Rated wire range:
Protective conductor section:

max. 2200 V AC/DC* max. 500 A AC/DC* max. 300 mm^{2*} max. 150 mm^{2*} *) according to terminal type used.

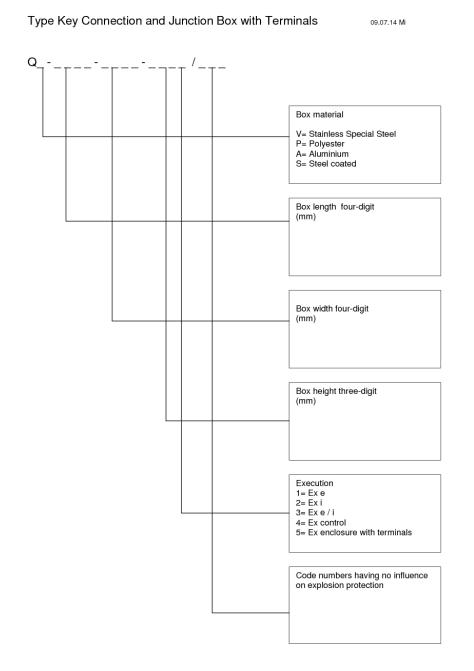
Size	Length in mm	Width in mm	Height in mm
min	85	75	55
max	600	600	200

Maximum amount of conductors depending on diameter permitted constant current according to enclosure sizes. Every inserted conductor and every internal connecting conductor counts as one conductor; bridges and earth conductors are not mentioned.





Type identification:







Terminal connections:

Polyester housing:

	QX-P1	(80 x 7	5 x 55	mm)		Juerso	hnitt .	Cross	-serti	nn in r	nm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
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100							3	8								
125						8.46		3	8							
160		10.1							3	7						
200			1		10	2000		10.00	-	2	6	20				
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	QX-P2	2 (110 x	75 x 5	5 mm)		Querso	hnitt,	/ Cross	-secti	<i>on</i> in	mm²					
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	QX-РЗ	(160 x	75 x 5	5 mm)	0	Querso	hnitt	Cross	-sectio	on in r	nm²					
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	QX-P4	(190 x	75 x 5	5 mm)		Querso	:hnitt /	Cross	-sectio	on in i	mm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
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	QX-P5	(122 x	120 x 9	90 mm		Quersc	hnitt /	Cross	-section	on in r	mm²					
[1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
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Current [A]							In	diaco	m Por	ieich ka	1	torPo	achtu	l ng dor	1	
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63				-	3	13	46									
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100							6	13								
125				1 H 1				5	13							
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	QX-P6	(220 x	120 x 9	90 mm		Querso	:hnitt /	Cross	-secti	on in	mm²					
[1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
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	QX-P7	(160 x	160 x 9	90 mm		Juersc	hnitt /	Cross	-sectio	on in i	mm²					
[1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]								diese	m Ber	eich ka	ann un	ter Be	achtu	ng der		
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125								6	15							
160								-	5	13						
200										5	12	37		- 1		
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250		einer	geson	derter	n Erwä	rmung	snach	weis.			3	8	18			
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400		termi	nals in	this ar	ea.									2	7	22
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	QX-P8	(260 x	160 x	90 mm		Duerso	:hnitt /	' Cross	-secti	on in i	mm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
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	QX-P1	1H (25	5 x 250) x 160		Querso	:hnitt /	Cross	-secti	on in r	mm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 6 10 16 20 25 35 50 63 80 100	81 28	2,5 54 31 15	4 210 61 34 10	6 66 26 3	10 65 21 7	16 53 25 9	In Hi Ge In	diese nweis ehäuse this a e refe	m Ber e und e belie rea yc rences	70 reich ka der fe ebig zu: bu can a s and t f the en	ann ur stgele sätzlic add te he de	nter Be gten E ch best rmina fined c	achtu inbau tückt w Is in no	ng der maße i verden o <i>tice o</i> ,	m I.	300
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Querschnitt	/ Cross-section	in mm ²

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200										10	25	78				
225	E		ickung							4	14	31				
250		einer	ngeson	derter	n Erwä	rmun	gsnach	nweis.			7	18	39			
315		Youn	eed pro	ofof	warmi	ing fo	r addir	ng				4	11	23 5		
400	-	termi	nals in	this ar	ea.							100		5	16	46
500	1	1	1		1	1		1	-						2	9





	QX-P1	5 (600	х 250 >	(120 m	1.50	Quersc	hnitt /	Cross	-sectio	on in i	mm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]							In	diese	mBer	eich ka		iter Be	achtui	ng der	a la	
6							10.98						inbau			
10												and the second s	ücktw			
16		52	201							- EQ			ls in no			
20		30	58										issemt		/	
25		14	33	64			10.2	mensi								
35			9	25	62				1	1		Т	1	-		
50			1.00	3	20	51										
63					6	24	84									
80						9	26	95								
100			-1.2				11	25								
125	-							10	25							
160			5						8	22						
200										8	19	59				
225	110	Bestü	ickung	enind	iesem	Berei	cherfo	rdern		3	11	23			-	
250		einer	ngesor	nderter	n Erwä	rmung	gsnach	weis.			6	14	29			
315		Youn	need pr	oofof	warm	ing for	addin	g			-	3	8	17		
400	201	termi	inals in	this ar	ea.	1222								4	12	35
500		ſ		ľ					-							7

	QX-P1	5H (60	0 x 250) x 160		Quersc	hnitt /	Cross	-secti	on in i	mm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 6 10 16 20 25 35 50 63 80 100 125	11	2,5 52 30 14	201 58 33 9	6 64 25 3	10 62 20 6	16 51 24 9	In Hi Ge In	diese nweis ehäuse this ai	m Ber e und e belie rea yo rences ons of 25	eich ka der fe ebig zu u can e and t the en	ann un stgele sätzlic add te he dej	iter Be gten E h best rmina fined a	150 achtur inbau tückt w Is in no assemb	ng der maße i verder o <i>tice o</i>	im 1.	300
160 200									8	22 8	19	59				
225			ickung							3	11	23				
250			ngesor							10	6	14	29			
315	0		eed pr			ing for	addin	g			-	3	8	17		
400		termi	nals in	this ar	ea.									4	12	35
500	T	1	0.1	1		1	1									7





Metal housing:

	QX-V1	.1 (150)	(100 x	60 mr		Quersc	hnitt /	Cross	-sectio	on in r	nm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 6							1.563						eachtu Einbau			
10	33											-	tückt v			
16	11	22	86							1+010-000000000000000000000000000000000			ls in no			
20	4	13	25				tł	e refe	rences	andt	he de	fined	assemi	blv	/	
25	2.19	6	14	27				mensi								
35			4	10	26			1		1	Ť	Ĩ	Ť	- T		
50					8	22										
63	1.12				2	10	36									
80	5.00		1			3	11	40		- 1						
100	1.000						4	10								
125					2.3			4	10							
160									3	9						
200		Bocti	l	anind	liocom	Berei	chorfe	rdorn	1	3	8	25				
225	1000					irmung					4	10 6	10			
250						ing for					2	ь	12	7		
315			and the second second	this a		ingjor	uuum	9					3	- '	5	15
400 500		1	1	1		1	- 1	1						100	2	13

	QX-V2	21 (150	x 150 x	80 mn	n)	Querso	hnitt	1 Cross	carti	on in	mm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]																
Sunteni (A)								n diese								
10	44							inweis								
16		29	114					ehäus		-						
20		17	33					n this a he refe							f	
25		8	18	36				imensi					1226111	JIY		
35			5	14	35		1	1	1	1	10050	лс — Т	T	1		
50				2	11	29										
63		2			3	13	48									
80						5	15	53								
100			0.0	1		1.1	6	14								
125						-		5	14							
160									5	12						
200									-	4	11	33				
225	20/17					n Berei					6	13				
250		einer	ngesor	nderter	n Erw	ärmung	gsnach	weis.		1	3	8	16			
315						ning for	addin	g					4	10		
400		termi	nals in	this ar	ea.						-			2	6	20
500			1					L.								





	QX-V3	1 (200	x 150 x	60 mn		Querso	hnitt /	Cross	-sectio	on in r	mm²					
Ĺ	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 6 10 16 20 25 35 50 63 80 100 125 160 200 225 250 315	41 14 5	27 16 7 Besti einer You n	106 30 17 5 nckung ngesor	33 13 en in d nderter roof of	32 10 3 iesem n Erwä warm	27 12 4 Bereiu	Ir H G Ir th d 44 14 6 ch erfc gsnach	49 13 5 ordern weis.	em Ber se und e belie rea yo rence	reich k I der fe ebig zu ou can s and i	ann ui estgelo isätzli add te the de	nter Be egten I ch bes ermind ofined o	15 Eachtu Einbau tückt v uls in no assemu 15 4	ng der maße verder otice o bly 9	im h. f	
400 500			nals in			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		9					4	2	6	1

	QX-V4	41 (200	x 200 x	80 mr												
				_	C	Quersc	hnitt,	Cross	-secti	on in I	mm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]							In	diese	m Ber	eich ka	ann un	terBe	achtu	ng der		
6							1 1 200						inbau	4.000 000 00000000000000000000000000000	terre and the second se	
10							G	ehäuse	e belie	big zu	sätzlic	h best	ücktw	/erder	I.	
16		34	132				In	this a	rea vo	u can a	add te	rmina	ls in no	otice o	f	
20		20	38										sseml		9	
25		9	21	42			di	mensi	onsof	theen	closur	e				
35			6	16	40		1	1	1	ľ		1	1	1		
50				2	13	33										
63		8			4	15	55									
80				150		6	17	62								
100							7	16								
125							1	6	16							
160		1.0							5	14		- 1				
200										5	12	39				
225			ickung							2	7	15				
250		einer	geson	derter	n Erwä	rmung	snach	weis.		0	3	9	19			
315		Youn	eed pr	oofof	warmi	ng for	addin	g				2	5	11		
400		termi	nals in	this ar	ea.									2	8	23
500						1									1110	4





	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]							In	diese	m Ber	e ich ka	inn un	 ter Be	achtui	 ng der	3	
6							н	inweis	e und	derfe	stgele	gten E	inbau	maße i	m	
10	62	44	100				G	ehäuse	belie	big zus	sätzlic	h best	ückt w	rder		
16	21 9	41 24	162 47					this a							f	
20 25	9	11	26	51				e refei					ssemt	oly		
35		11	20	20	49		d	imensi	ons of	theen	closur	e				
50			í í	3	16	41										
63					5	19	68									
80			19		1	7	21	76								
100			1	2			9	20			- 1					
125	×		1.					8	20							
160									7	18						
200	199								-	6	15	47				
225	1		ickung							2	9	18	1000	1		
250	6.28		ngesor								4	11	23	10000		
315			need pr			ing for	addin	g				2	6	14		
400		termi	inals in	this ar	ea.	4								3	9	28
500	1															5

191 55 31 9	60 23	59		Hi Ge In th	nweis häuse <i>this ar</i>	e und e belie rea yo rences	derfe bigzu ucano andt	stgele sätzlic add te he dej	gten E h best rmina fined c	eachtu inbau tückt w is in no asseml	maße i verder o <i>tice o</i>	im 1.	
	3	19 6	48 22 8	80 25 10	90 23 9	24 8	21	18	56				
	nderter oof of	n Erwä <i>warmi</i>	rmung	snach	weis.		2	10 5	22 13 2	28 8	16 3	11	33
,	eed pr	eed proof of	-	eed proof of warming for	eed proof of warming for addin	eed proof of warming for adding	eed proof of warming for adding	eed proof of warming for adding	eed proof of warming for adding	eed proof of warming for adding 2	eed proof of warming for adding 2 8	eed proof of warming for adding 2 8 16	eed proof of warming for adding 2 8 16





	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]								diese	m Ber	eich ka	ann un	ter Be	achtu	ngder		
6	40						Hi	nweis	e und	derfe	stgele	gten E	inbau	maße i	m	
10 16	48 16	32	125				1 200	ehäuse							14 E E	
20	7	19	36					this ai							f	
25		9	20	39				e refei mensio					ssemi	bly		
35			6	15	38			mensi	JIIS OJ	theen	LIOSUI	e 1	r	- r		
50				2	12	32										
63					4	14	52									
80			- 25			5	16	59								
100					1		7	15								
125								6	15 5	14						
160									5	14	12	37				
200 225		Besti	ickung	eninc	liesem	Berei	cherfo	ordern		3	7	14				
225			ngesor								3	8	18			
315		Your	need pr	oofof	warm	ing for	addin	g			111		5	11		
400	274		inals in			ास <i>ा</i> हि		3.4					3.3	2	7	22
500	1	1	1								19		0.00			

					C	luersc	nnitt /	Cross	-secti	on in i	nm-			-		
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 6 10 16 20 25	56 19 8	37 21 10	144 42 23	45			Hi Gi In th	nweis ehäuse this a e refe	e und e belie rea yc rence:	eich ka derfe ebig zu ou can d s and t the en	stgele sätzlic add te he de	gten E ch best rmina fined d	inbau tückt v <i>ls in n</i> e	maße i verder o <i>tice o</i>	im 1.	
35 50	i i i i i i i i i i i i i i i i i i i		7	18	44 14	36										
63		74		-	4	17	60									
80						6	19	67								
100		-	oute is				8	18								
125						de	1	7	18							
160									6	16						
200										5	13	42				
225		Besti	ickung	enind	liesem	Berei	cherfo	ordern	2.2	2	8	16				
250		einer	ngesor	nderte	n Erwä	rmung	gsnach	weis.			4	10	21			
315			need pr			ing for	addin	g				2	6	12		
400		termi	inals in	this ar	rea.									2	8	25
500	- 1	1		1				1								5





	QX-V9	1 (300	x 200 x	120 m	2223	Querso	:hnitt/	Cross	-secti	on in i	mm²					
ſ	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]																
6					- 1								achtur	-		
10	67												inbauı :ückt w			
16	23	44	173												Sec. 14	
20	9	26	50										ls in na Issemb			
25		12	28	54				mensi					5501116	ny .		
35	1		8	21	53			1	1	1	1	- 1	- 1	- 1		
50				3	17	44										
63	1000				5	20	72									
80				5.6		7	22	81								
100				10			9	21								
125								8	21							
160									7	19						
200									-	6	16	51				
225			ickung							2	9	20				
250		einer	gesor	derter	n Erwä	rmung	gsnach	weis.			5	12	25			
315	1.0		eed pr			ing for	addin	g			1.1.1	2	7	15		
400	14-1	termi	nals in	this ar	ea.									3	10	3
500	1	1					1									10

	QX-V1	LOI (300) x 200	x 200 i		Querso	hnitt	/ Cross	-secti	on in i	mm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]							_									
6								diese						-		
10	89							inweis								
16	30	59	231				100	ehäuse		10000					3.1	
20	12	34	67					this ar le refer							t	
25		16	38	73				mensio					ssemi	JIY		
35		1.20	11	28	71			Inclisio	JIIS UJ	lieen	LIDSUI	c 1				
50				4	23	59										
63					7	27	97									
80						10	30	108								
100							13	28								
125		-					-	11	29							
160		22							10	25						
200									-	9	22	68				
225	1011		ickung							3	12	26				
250		einer	gesor	nderter	n Erwä	rmung	snach	weis.			6	16	34			
315		Youn	eed pr	oofof	warm	ing for	addin	g				3	9	20		
400		termi	nals in	this ar	ea.						- 15		1.15	4	14	40
500		I							-		1.3				2	8





	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]							In	diese	n Bere	eich ka	inn un	ter Be	achtui	ngder		
10	77						0.55	nweis				CONTRACTOR OF STREET			1000	
10	/	51	198				1.523	ehäuse		220						
16 20	 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	30	57					this ar							f	
20		14	32	63				e refei					ssemb	ply		
35		14	9	24	61	- 7	di	mensio	onsof	theen	closui	е				
50				3	20	50										
63			E E	-	6	23	83									
80						9	26	93								
100	- O.C.				100		11	24								
125		-			13			10	25							
160					-				8	22						
200										8	19	58				
225		Besti	ickung	enind	liesem	Berei	cherfo	rdern		3	11	23				
250		einer	ngesor	derte	n Erwä	rmung	gsnach	weis.			5	14	29			
315	-5	Youn	need pr	oofof	warm	ing for	addin	g				3	8	17		
400		termi	inals in	this a	rea.						-			3	12	35
500		1	1	1			1					-	1000		1.00	7

	QX-V1	21 (300	0 x 300	x 160 r		Juersc	hnitt.	/ Cross	-sectio	on in i	mm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 6 10 16 20	30	58 34	228				H G Ir	n diese inweis ehäuse n this an ne refe	e und e belie rea yo	derfe bigzu <i>u can</i> i	stgele sätzlic add te	egten E ch best ermina	inbau ückt w <i>ls in n</i> a	maße i /erden o <i>tice o</i>	m I.	
25 35 50		16	37 11	72 28 4	70 23	58		imensi	ons of	the en	nclosui	re				
63 80					7	27 10	96 30	107						8		
100	derine of		51.				13	28								
125		111						11	28	3624.04						
160 200									10	25 9	22	67				
225		Bestü	ickung	enind	iesem	Berei	cherfo	ordern	-	З	12	26				
250		einer	ngeson	derter	n Erwä	rmung	gsnach	nweis.		-	6	16	33			
315			eed pr			ing for	addin	g			100	3	9	20		
400		termi	nals in	this ar	ea.								a di l	4	13	4
500		1	1										-		2	





ſ	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A]																
Current [A]							In	diese	mBer	eich ka	nnun	terBe	achtu	ngder		
6								inweis						1000		
10	100	66	257					ehäuse								
16	34 14	66 38	257				In	this a	rea yo	u can d	add te	rmina	ls in na	otice o	f	
20	14	18	74 42	81				ne refei					isseml	oly		
25 35		18	42	32	79		di	imensi	ons of	the en	closur	е				
50		175.0	12	22	26	65										
63		2.213		4	8	30	108									
80		1000				11	34	121								
100	164		1				14	32								
125			1.1.4					13	32							
160									11	28						
200						-				10	24	76				
225		Bestü	ckung	en in d	iesem	Berei	cherfo	ordern		з	14	30				
250	STATE	einer	gesor	derter	n Erwä	rmung	gsnach	weis.			7	18	38			
315		You n	eed pr	oofof	warmi	ing for	addin	g				3	11	22		
400	18.1	termi	nals in	this ar	ea.									5	15	49
500	Ì						1	1				10-1			2	9

	QX-V1	.41 (380) x 380	x 160 ı		Duers	chnitt	/ Cross	-secti	on in	mm²					
]	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]															_	
6								n diese								
10	100							inweis ehäuse								
16	34	66	257												- S - 1	
20	14	38	74					n this a he refe								
25		18	42	81				imensi			-		(SSCIII)	Jiy		
35	10		12	32	79		4	1	1	I	1	- 1	- 1	1		
50				4	26	65									- 1	
63	1.5				8	30	108									
80						11	34	121								
100	1.40		1.43				14	32								
125		-				-		13	32							
160									11	28						
200					- 1.				1	10	24	76				
225			ickung							3	14	30				
250		einer	geson	derter	Erwä	rmun	gsnach	weis.			7	18	38			
315			eed pro			ngfoi	raddin	g				3	11	22		
400		termi	nals in	this ar	ea.									5	15	45
500	1										1 - 1	-			2	9





1	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 6 10 16 20 25 35 50 63 80 100	1,5 111 38 16	2,5 74 43 20	4 287 83 47 14	91 35 5	10 88 29 9	16 73 34 13	In H G In th	1 diese inweis ehäuse this an the refer imensio 135 35	m Berre e und e belie rea yo rences ons of	eich ka der fe big zu: <i>u can d</i>	ann un stgele sätzlic add te he dej	iter Be gten E h best rmina fined a	achtur inbaur ückt w <i>ls in nc</i>	ng der maße i verden o <i>tice o</i> ,	im 1.	_300
125 160 200								14	36 12	31 11	27	85				
225 250				en in d nderter				ordern nweis,		4	16 8	33 20	42	2005		
315 400			Contraction of the second	oof of this ar		ing for	addin	g				4	12	25 5	17 2	50 10

	QX-V1	.61 (400) x 150	x 80 m		Querso	hnitt /	Cross	-sectio	<i>n</i> in i	mm²					
I	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 6 10 16 20 25 35 50 63 80 100 125 160 200	49 16 7	32 19 9	126 36 20 6	40 15 2	39 12 4	32 15 5	Hi Gi In th	diese inweis ehäuse this au erefet mensio 59 15 6	e und e belie rea yo rences	derfe bigzu ucan andt	stgele sätzlic add te he de	egten E ch best ermina fined c	inbau ückt w <i>ls in no</i>	maße i verder o <i>tice o</i>	m 1.	
225				enind							7	14	10			
250				nderter						100	3	9	18			
315				oofof		ing for	addin	g					5	11	_	111020-000
400		termi	nals in	this ar	ea.									2	7	22
500	1		1	1		1		1						-	0.00	4





Г	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom (A) Current (A) 6 10 16 20 25	68 23 9	45 26 12	177 51 29	56	54		Hi Ge In th	nweis ehäuse this al e refe	e und e belie rea yo rences	derfe bigzu <i>u can</i> (stgele sätzlic add te the dej	ter Be gten Ei h best rminal fined a re	inbaur ückt w 's in no	naße i erden o <i>tice o</i> j	m	
35 50 63 80 100 125 160			8	22 3	17 6	45 21 8	74 23 10	83 22 8	22 7	19						
200 225 250 315 400		einer <i>You n</i>	ickung ngesor need pr nals in	nderte o <i>of of</i>	n Erwä <i>warm</i> i	rmung	gsnach	weis.		7 2	17 9 5	52 20 12 2	26 7	15 3	10	3
500	QX-V1	181 (400	0 x 200	× 160												
-	1,5	2,5	4	6	10	Querso	25	35 (s-sect	<i>ion</i> in 70	mm* 95	120	150	185	240	30

	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 10 16 20 25 35 50 63	1,5 79 27 11	2,5 52 30 14	205 59 33 10	65 25 3	63 20 7	16 52 24	In Hi Ge In	diese nweis ehäuse this ai e refei	m Ber e und e belie rea yo rences	eich ka derfe ebig zu <i>u can</i> (ann un stgele sätzlic add te he dej	ter Be gten E h best rminal fined a	achtu inbau ückt w	ng der maße i verder o <i>tice o</i>	im n.	300
80		1.1		1.00		9	27	96								
100							11	25							- 1	
125								10	25				- 1			
160									8	22	11000		- 1		- 1	
200										8	19	60				
225			ickung							3	11	23				
250		einer	gesor	derte	n Erwä	rmung	gsnach	weis.			6	14	30			
315	21		eed pr			ing for	addin	g				3	8	18		
400	1.100	termi	nals in	this ar	rea.								1.1	4	12	36
500	1	1	1	1				1				1.10		-		7





	QX-V1	91 (400) x 200	x 200 r		Quersc	hnitt	/ Cross	-sectio	on in i	mm²					
Ī	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]							- Ir	n diese	mBer	eich ka		terBe	achtu	ngder	. 1	
6							1.233	inweis						Section 2	2	
10	90						1102516	ehäuse			100 TO 100 TO 100	Sec. 19 10 10 10 10 10 10 10 10 10 10 10 10 10			0.000	
16	31	60	233					n this ai		-						
20	12	35	67					he refe								
25	6 = 1	16	38	73				imensi			100					
35			11	29	71		-	voxici patasata	1	T	T			1		
50		1		4	23	59										
63					8	27	97			2						
80				1 3.1		10	30	109								
100						12.0	13	29								
125		-				-		11	29							
160									10	25						
200										9	22	68				
225	-	Bestü	ickung	enind	iesem	Berei	cherf	ordern		3	12	27				
250		einer	ngesor	nderter	n Erwä	rmung	gsnach	nweis.			6	16	34			
315	N. Con	Youn	eed pr	oofof	warmi	ing for	addir	ng				3	10	20		
400		termi	nals in	this ar	ea.									4	14	41
500	T	1	1	1	1	1	1	The second se					1		2	8

	QX-V2	201 (400	0 x 300	x 160 ı	Courses and the	Quers	chnitt	/ Cross	-secti	on in i	mm²					
_	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]								n diese								
10	93							inweis								
16	0.737	62	241					ehäuse		8.775 West 1997					· · · · ·	
20	To Date	36	70		- 1			this ai							f	
25		17	39	76				ne refei imensie					issemi	ny		
35	1.1	1910	11	30	74		4	1	1	1	1	- 1	1	r		
50				4	24	61					- 1					
63					8	28	101									
80						11	31	113								
100		-	-			- 8	13	30				- 1				
125	100							12	30	-						
160									10	26		-				
200	-					140			-10	9	23	71				
225	-		ickung							3	13	28	25			
250	1.1		ngesor								1	17 3	35 10	21		
315			eed pr nals in			ing fo	radain	g				3	10	21 4	14	4
400 500		leinn	nuis III	linsui		- 1						1.0		4	2	4





Г	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 6 10 16 20 25 35 50 63 80 100 125 160 200 225	1,5 105 36 15	69 40 19 8estü	270 78 44 13	85 33 5	83 27 9	69 32 12 Bere	III III III3 35 15 ich erfe	127 33 13 ordern	m Berie e und e belie rea yo rences ons of 34 11	eich ka der fe big zu: <i>u can d</i>	inn un stgele sätzlic add te he dej	ter Be gten E h best rmina	achtur inbaur ückt w	ng der maße i verden o <i>tice o</i> ,	m I.	300
250 315		einer	ngesor need pr	nderter	n Erwä	rmun	gsnach	nweis.			8	19 4	40 11	24		
400			nals in			10.1			1.2					5	16 2	4

	QX-V2	21 (500) x 300	x 160 r		Quers	chnitt	/ Cross	-sectio	on in i	mm²					
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]							-						210			
6								diese								
10	96							inweis ehäuse								
16	33	64	248					this a								
20	13	37	72					he refei							/	
25		17	41	78				imensi								
35			12	30	76		1. J	1	1	T	1	1	1			
50				4	25	63	1985-0253									
63				metr.	8	29	104	-								
80						11	32	116								
100						8 1	14	30 12	31							
125								12	10	27						
160 200	1.55					1			10	10	23	73				
200		Besti	ickung	en in d	iesem	Bere	icherfo	ordern		3	13	28				
250			geson								7	17	36			
315			eed pr				19 02/2018/2018					3	10	22		
400			nals in	2010.00			11100-04/20160-0							4	15	43
500		1		1		1		1	-						2	8





[1.5	2,5	4	6	10	16	25	/ Cross 35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 6 10 16 20 25 35 50 63 80 100	1,5 107 36 15	2,5 71 41 19	4 276 80 45 13	6 87 34 5	10 85 28 9	16 70 32 12	Ir H G <i>Ir</i> t/	35 in diese inweis ehäuse n this au he refer imensio 130 34	m Ber e und e belie rea yo rences	eich ka der fe big zu <i>u can d</i>	ann un stgele sätzlic add te he dej	ter Be gten E h best rmina fined a	achtui inbau ückt w Is in nc	ng der maße i verden o <i>tice o</i> ,	m I.	300
125 160 200							-	14	34 12	30 11	26	81				
225				en in d nderter				ordern		4	15 8	32 19	40			
250 315			1000	oofof							8	4	11	24		
400			and the second se	this ar		ngjoi	addin	9						5	16	48
500	1	1	1	1	1	1	1		-						2	9

	QX-V2	41 (500	0 x 400	x 160 ı	on in	mm²										
ſ	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]										01.075						
6								n diese						(1.55) (1.55) (1.55)	Second Providence	
10	108						10.00	inweis ehäuse			-	-				
16	37	72	279													
20	15	42	81					n this a he refe								
25		20	46	88			- 183	imensi					oberni.	<i></i> ,		
35			13	34	86			1	1	1	ľ	1	1	1		
50	10.0	100		5	28	71										
63	500	- 22	1071		9	33	117									
80					3.6	12	36	131								
100		1.00					15	34								
125		24					200	14	35							
160							1.11		12	31						
200			1						-	11	27	82				
225			-					ordern		4	15	32				
250		einer	ngeson	derter	n Erwä	rmun	gsnacł	nweis.			8	19	41			
315	122		eed pr			ing fo	raddir	g				4	12	24		
400	33	termi	nals in	this ar	ea.								Euri	5	17	4
500	1		1							1	-	-		-	2	5





	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]																
Surrent [A]							- 355	n diese						11.576		
10	119							inweis								
16	41	79	309					iehäuse								
20	17	46	89					n this ai							f	
25		22	51	98				he refei imensi					ssem	JIY		
35			15	38	95		4	Intensio	JIISOJ	lineen	LIUSUI	-	-			
50	100	100		5	31	78										
63					10	36	129									
80					-	14	40	145								
100							17	38								
125								15	39							
160				1.					13	34						
200	-	-		1				1	1	12	29	91				
225								ordern		4	17	36				
250			ngesor								9	22	45			
315			ieed pri nals in			ingfol	raddii	ng			10191	4	13	27 6	10	E.
400 500		termi	naisin	unis ar	ea.									Б	18	54

	QX-V26I (600 x 200 x 120 mm) Querschnitt / Cross-section in mm ²															
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A] 6 10 16 20 25 35	69 23 9	45 26 12	177 51 29 8	56 22	54		Hi Ge In th	nweis ehäuse <i>this a</i> i	e und e belie rea yo rences	derfe bigzu ucan andt	stgele sätzlic add te he dej	gten E h best rmina fined a	achtur inbaur ückt w Is in no	maße i verden o <i>tice oj</i>	m	
50				3	17	45										
63		1.1.1			6	21	74									
80		5.0.5		164		8	23	83								
100	-						10	22								
125								9	22							
160									7	19						
200	100								-	7	17	52	- 1			
225			ickung							2	9	20				
250		einer	ngeson	derter	n Erwä	rmung	gsnach	weis.			5	12	26			
315	12	Youn	eed pro	oofof	warm	ing for	addin	g				2	7	15		
400		termi	nals in	this ar	ea.						1			3	10	31
500		2	1	Ĩ	D D T	1						Ē	-	112		6





	QX-V2	71 (600) x 200	x 160 i	100 C 100 C	Quersc	-secti	on in i	mm²							
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Strom [A] Current [A]															_	
6													achtu	1000		
10	79						1000					-	inbau			
16	27	52	204										ückt w		- DI	
20	11	30	59										ls in no Isseml		f	
25		14	33	64				mensi					isseim	JIY		
35			9	25	62		-	1	1	1	1	-		1		
50		1221	10	3	20	52										
63			1.1	15	7	24	85									
80		-				9	26	96			- 1					
100		15.8					11	25		- 1						
125	100							10	25					- 1		
160									8	22						
200								1	-	8	19	60				
225			ickung							3	11	23	10000			
250	13		gesor			185	11905-0				6	14	30			
315	1		eed pr			ing for	addin			-1.0	3	8	18	10 P.		
400		termi	nals in	this ar	ea.								4	12	36	
500													-		1	