

QT fast connection terminal blocks

The use of QT fast connection terminal blocks can save up to 60 percent of the time required for wiring. The conductors simply need to be cut to length for contacting in a matter of seconds. It is no longer necessary to strip or to fit splicing protection. An important characteristic is the space-saving twist connection with patented insulation displacement contact.

The start and end positions of the conductor connection are clearly identified by engagement points. When a conductor is connected, the insulation is cut open, displaced, and the conductor is securely engaged in the end position where it makes a large-area, gas-tight contact. Rigid and flexible conductors from 0.25 to 2.5 mm² can be wired without aids such as guide ferrules.

The high quality of the QT fast connection terminal blocks is proven by the fact that this connection technology features various approvals and is certified under the standard for Ex e applications.

 **Your web code: #0162**

Product range overview

1.5 mm²

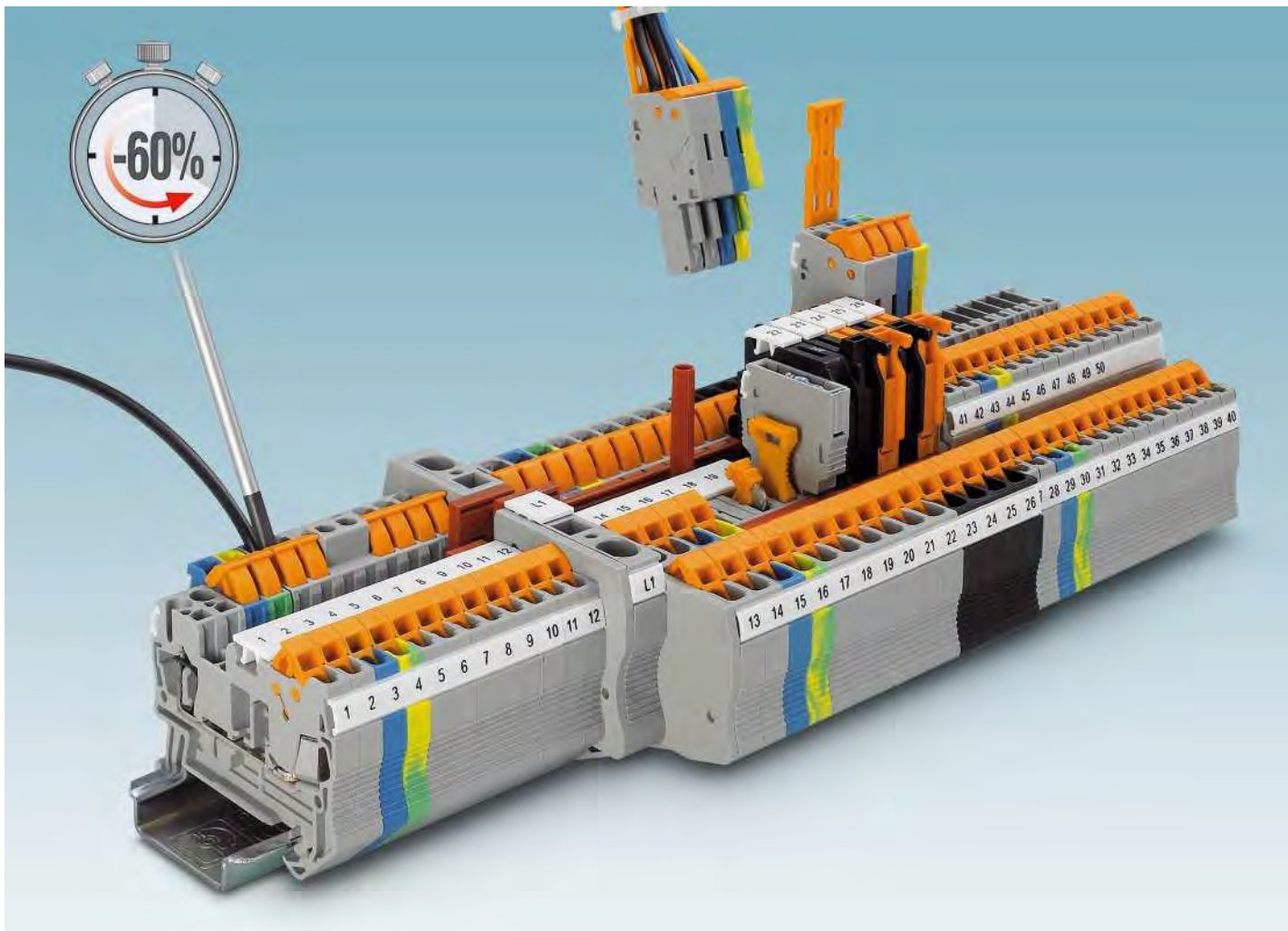
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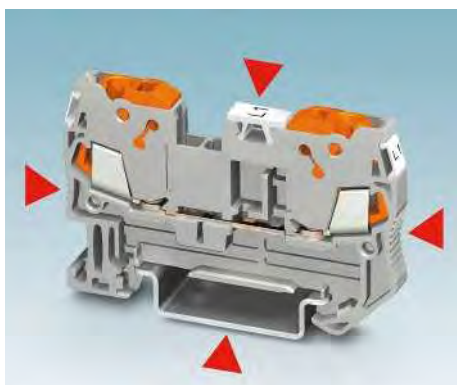
2.5 mm²

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Space-saving design

The QUICKON QT series is characterized by the IDC connection. This allows space to be saved without limiting the quality features in any way:

- Large-surface marking
- Maximum connection space
- Flexible plug-in bridge system



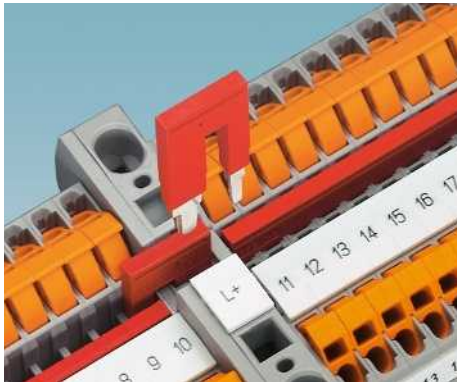
Trim to length, connect, job done

Time savings of 60 percent or more compared with other connection technologies. With QUICKON fast connection technology, there is no need for stripping or for fitting splicing protection. The conductors simply need to be cut to length for contacting in a matter of seconds.

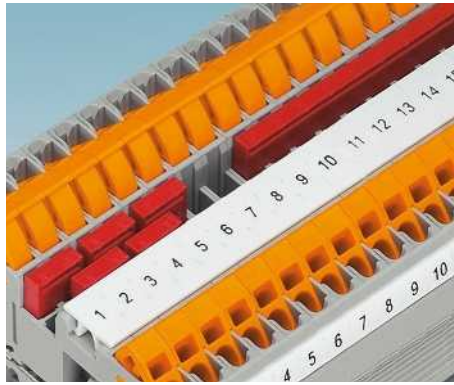


Powerful cutting contact

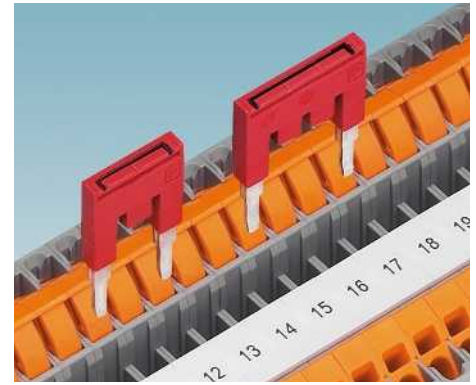
The 0.25 to 2.5 mm² conductor connection is provided by the patented cutting contact. High-quality special alloys and latches for the switching states ensure safe electrical connections at all times. Large, spring-mounted contact points guarantee 24 A current-carrying capacity.



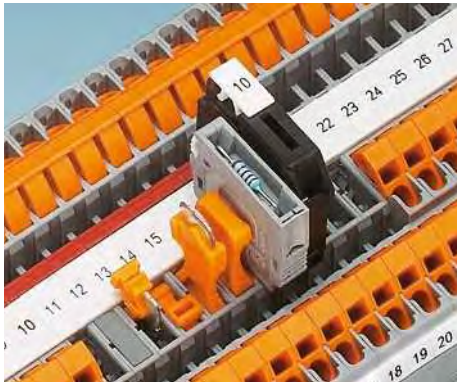
The reducing bridge enables time-saving and low-cost potential distribution when supplying large cross sections. The reducing bridge connects, e.g., an ST 10 terminal block to a QTC 1,5 or QTC 2,5.



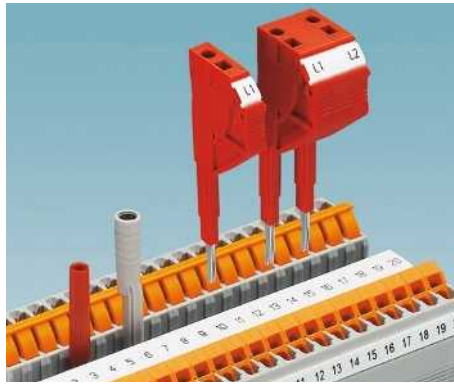
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



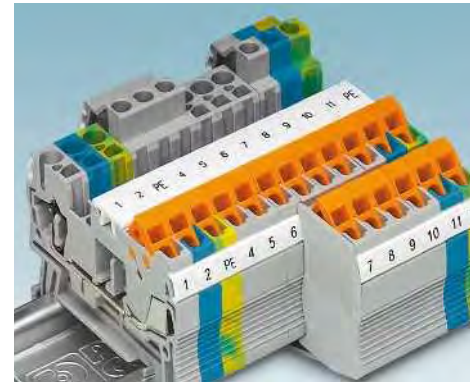
Non-adjacent terminal blocks can be bridged by removing individual forks from the standard bridge. Two potentials can then be routed in parallel. There is scope for marking on the top of the bridge.



The isolated feed-through connector P-FIX, isolating connector P-DI, component connector P-CO and the cartridge fuse connector P-FU with a 5.2 mm pitch can be used in the universal plug-in zone of the disconnect terminal block.



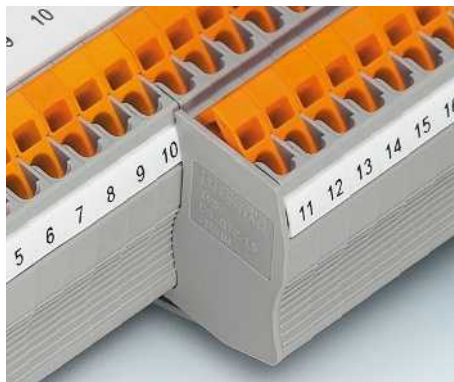
For measuring lines, a test plug with 2.3 mm diameter is available. All measurement and testing tasks can be carried out quickly using test adapters for 4 mm diameter test plugs and the alignable test plugs.



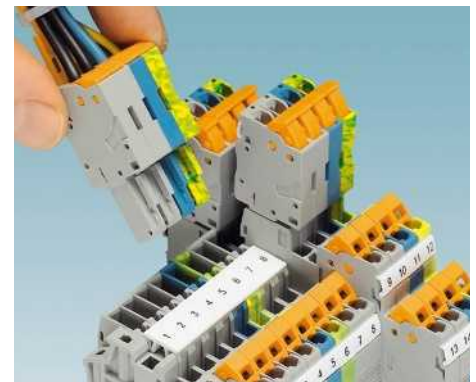
The hybrid versions combine the time-saving fast connection technology with the benefits of the screw or spring-cage method.



Lever-type fuse terminal blocks are also available to suit the function terminal blocks. The retentive fuse holders can be used in a black housing with a micro fuse or in an orange housing with a contact metal.



Overhanging terminal block segments of three-conductor and four-conductor terminal blocks should be covered with cover segments when adding two-conductor terminal blocks. Fingers are thereby protected from contact.

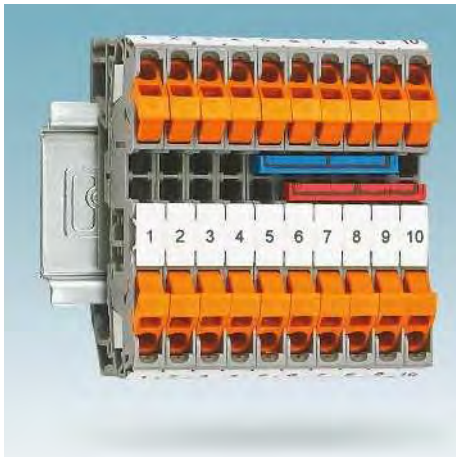


QT COMBI basic terminal blocks and plugs with fast connection are available for the plug-in configuration of signal wiring with fast connection. See "COMBI" section, page 267.

Terminal blocks – CLIPLINE complete

QT fast connection terminal blocks

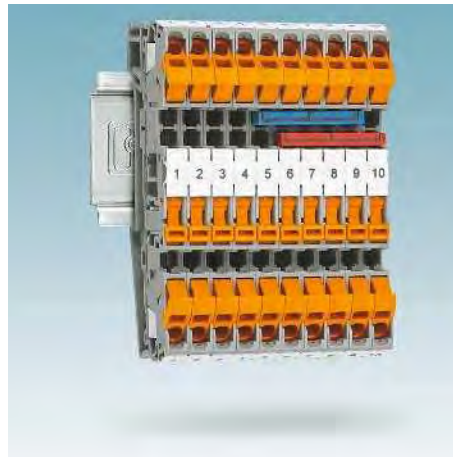
QT ... feed-through terminal blocks



- Time savings of up to 60 percent during connection as no conductor pretreatment is required
- Easy to operate and use, thanks to the patented insulation displacement contact
- Universal use, thanks to large cross section range
- Space saving, thanks to the compact design

i Your web code: **#0053**

QT ... disconnect and knife disconnect terminal blocks



- Convenient separation of circuits using lever-type disconnect knife, isolating plug or rotary contact
- User-friendly current measurement, thanks to testing facility either side of the disconnect point
- Safe operation as the disconnect lever is locked in the end positions
- Clear identification of the disconnect point, thanks to color highlighting
- Easy handling of the disconnect knife using a standard screwdriver

i Your web code: **#0054**

QTCU ... and QTCS ... hybrid terminal blocks



- Meet requirements for internal and external wiring at the same time as different connection methods are integrated in a single terminal block
- Free choice of connection technology, thanks to two combination options
- Versions with fast connection/spring-cage connection or fast connection/screw connection
- Uniform distances from cable ducts
- Feed-through and ground terminal blocks of the same shape

i Your web code: **#0055**

QT ... fuse terminal blocks



- Compact design
- Two function shafts mean that all potential distribution tasks can be undertaken at speed
- QTC 2,5-TG / -MT function terminal blocks of the same shape are available
- Test connection on both sides in safety lever
- The product range is rounded off with versions with an LED display to indicate that a fuse has tripped

i Your web code: **#0162**

Terminal blocks – CLIPLINE complete

1.5 mm² QT fast connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2
Rated cross section	[mm²]	1.5
Cross section range	AWG	24 - 16
Connection cross section in acc. with DIN VDE 0295		
H05V(Z) / H07V(Z)	[mm²]	0.5 - 1.5
Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]	[mm²]	0.25 - 0.34
[Litz wires Ø ≥ 0.19 mm]	AWG	24 - 16
Frequency of connections with the same cross section		100

Other conductor types and materials on request.

General data		
Insulating material		PA
Flammability rating in accordance with UL 94		V0
Wire diameter incl. insulation		≤ 3 mm
Note: Additional or deviating data is listed alongside the respective product.		

Notes:



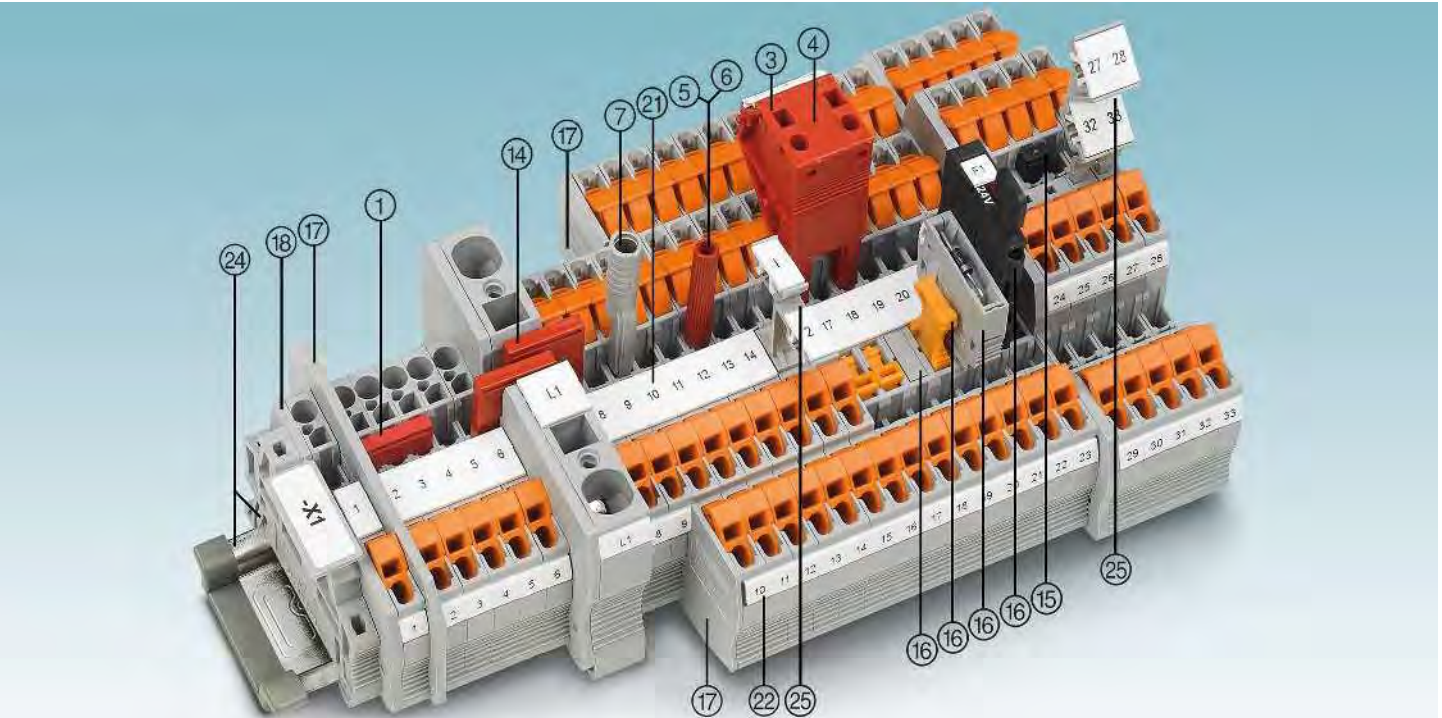
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file nos., and Internet links, please visit phoenixcontact.net/products

¹) The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge¹)	2	red	FBS 2-5	3030161	50	FBSR 2-5	3033702	50
	3	red	FBS 3-5	3030174	50	FBSR 3-5	3001591	50
	4	red	FBS 4-5	3030187	50	FBSR 4-5	3001592	50
	5	red	FBS 5-5	3030190	50	FBSR 5-5	3001593	50
	10	red	FBS 10-5	3030213	10	FBSR 10-5	3033710	10
	20	red	FBS 20-5	3030226	10			
③ Modular test plug		red	PS-5	3030983	10			
④ Spacer plate		red	DP PS-5	3036725	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
Screwdriver			SZF 1-0,6X3,5	1204517	10			

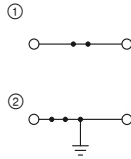
⑭ Reducing bridge	For RB ..., see page 408.
⑮ Vertical potential bridge	For FBS ..., see page 404.
⑯ Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 414.
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products
⑱ Cover	Listed alongside the respective product.
⑲ Center groove labeling	UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables, from page 60.
⑲ Center and side groove labeling	UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables, from page 60.
⑳ DIN rail and end bracket	See Catalog 3
㉑ Marker carrier	For STP ..., see page 418.
For full accessories, visit phoenixcontact.net/products	Note: Additional or deviating accessories are listed alongside the respective product.

Feed-through and multi-conductor terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 256.

For information on installation and using accessories for Ex applications, see page 678.



17.5 A, feed-through terminal block

UL ENEC EAC Ex IEC Ex ClassNK

Ex: EAC Ex IEC Ex
KEMA 03ATEX2557U / IECEx KEM 07.0015U

Technical data¹⁾

Width	Length	Height
5.2	58.8	39.3 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
17.5	800	0.25 - 1.5 24-16
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA Ex
800	600	600 550
17.5 / 1.5	10 / -	10 / - 16 / 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
QTC 1,5	① 3205019	50
QTC 1,5 BU	① 3205022	50
QTC 1,5-PE	② 3205035	50

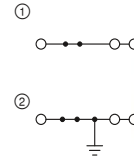
Accessories¹⁾

D-QTC 1,5	3205161	50
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Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Cover, width: 2.2 mm	gray
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17.5 A, feed-through terminal block,
3 connections

UL ENEC EAC Ex IEC Ex ClassNK

Ex: EAC Ex IEC Ex
KEMA 03ATEX2557U / IECEx KEM 07.0015U

Technical data¹⁾

Width	Length	Height
5.2	76.4	39.3 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
17.5	800	0.25 - 1.5 24-16
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA Ex
800	600	600 550
17.5 / 1.5	10 / -	10 / - 16 / 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
QTC 1,5-TWIN	① 3205048	50
QTC 1,5-TWIN BU	① 3205051	50
QTC 1,5-TWIN-PE	② 3205064	50

Accessories¹⁾

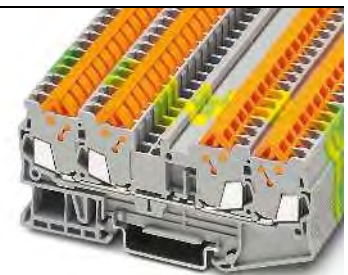
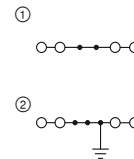
D-QTC 1,5-TWIN	3205190	50
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Multi-conductor terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 256.

For information on installation and using accessories for Ex applications, see page 678.

17.5 A, feed-through terminal block,
4 connections

UL ENEC EAC Ex IEC Ex ClassNK

Ex: EAC Ex IEC Ex
KEMA 03ATEX2557U / IECEx KEM 07.0015U

Technical data¹⁾

Width	Length	Height
5.2	94	39.3 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
17.5	800	0.25 - 1.5 24-16
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA Ex
800	600	600 550
17.5 / 1.5	10 / -	10 / - 16 / 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
QTC 1,5-QUATTRO	① 3205077	50
QTC 1,5-QUATTRO BU	① 3205080	50
QTC 1,5-QUATTRO-PE	② 3205093	50

Accessories¹⁾

D-QTC 1,5-QUATTRO	3205174	50
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Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Cover, width: 2.2 mm	gray
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Terminal blocks – CLIPLINE complete

1.5 mm² QT fast connection terminal blocks

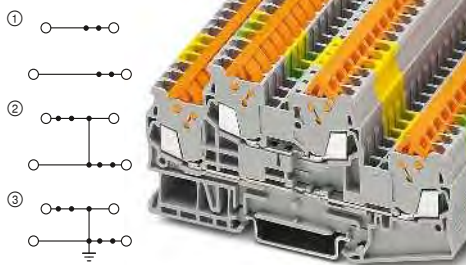
Multi-level and disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 256.

2) Current and voltage are determined by the plug used.

For information on installation and using accessories for Ex applications, see page 678.



17.5 A, double-level terminal block

SE ENEC ERE EAC Ex IEC Ex ClassNK

Ex: EAC Ex IEC Ex KEMA 03ATEX2557U / IECEx KEM 07.0015U

Technical data¹⁾

Dimensions	[mm]
Width	5.2
Length	99.6
Height	49.9 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	17.5
U_{max} [V]	500
max. Ø [mm²]	0.25 - 1.5
AWG (UL)	24 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage [V]	500
Nominal current / cross section [A] / [mm²]	17.5 / 1.5

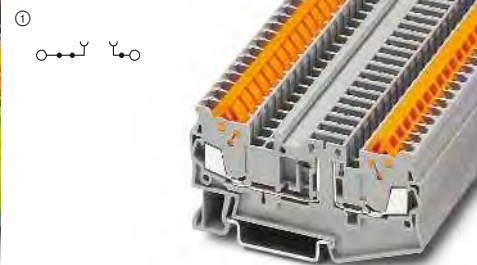
Description	Color
Terminal block	gray
With potential distribution	blue
Ground terminal	gray
	green-yellow

Cover, width: 2.2 mm	gray
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Ordering data			
Type	Order No.	Pcs./Pkt.	
QTTTCB 1,5	① 3205116	50	
QTTTCB 1,5 BU	① 3205129	50	
QTTTCB 1,5-PV	② 3205153	50	
QTTTCB 1,5-PE	③ 3205132	50	

Accessories¹⁾

D-QTTTCB 1,5	3205187	50
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17.5 A, disconnect terminal block

SE ENEC ERE EAC Ex IEC Ex ClassNK

Technical data¹⁾

Width	Length	Height
5.2	76.4	39.3 (NS 35/7,5)
I_{max} [A]	U_{max} [V]	max. Ø [mm²]
17.5 ²⁾	400 ²⁾	0.25 - 1.5
16 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA
400 ²⁾	600	600
17.5 / 1.5	10 / -	10 / -

Ordering data		
Type	Order No.	Pcs./Pkt.
QTC 1,5-TG	① 3205145	50

Accessories¹⁾

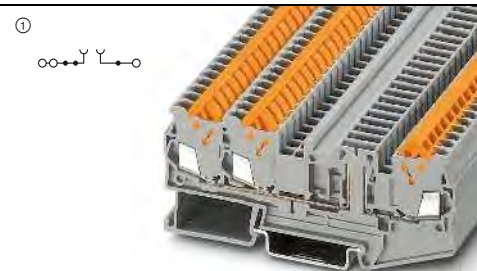
D-QTC 1,5-TWIN	3205190	50
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Disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 256.

2) Current and voltage are determined by the plug used.



17.5 A, disconnect terminal block, 3 connections

Dimensions	[mm]
Width	5.2
Length	94
Height	39.3 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	17.5
U_{max} [V]	400 ²⁾
max. Ø [mm²]	0.25 - 1.5
AWG (UL)	24 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage [V]	500
Nominal current / cross section [A] / [mm²]	17.5 / 1.5

Description	Color
Disconnect terminal block	gray

Cover, width: 2.2 mm	gray
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Technical data¹⁾

Width	Length	Height
5.2	94	39.3 (NS 35/7,5)
I_{max} [A]	U_{max} [V]	max. Ø [mm²]
17.5	400 ²⁾	0.25 - 1.5
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA
400 ²⁾	-	-
17.5 / 1.5	- / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
QTC 1,5-TWIN-TG	① 3050413	50

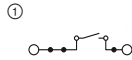
Accessories¹⁾

D-QTC 1,5-QUATTRO	3205174	50
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Knife disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 256.



17.5 A, knife disconnect terminal block



Technical data ¹⁾			
Width	Length	Height	
5.2	76.4	39.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
17.5	400	0.25 - 1.5	24-16
16 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	600	600	-
17.5 / 1.5	10 / -	10 / -	- / -

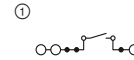
Ordering data		
Type	Order No.	Pcs./Pkt.
QTC 1,5-MT	3205103	50

Accessories ¹⁾		
D-QTC 1,5-TWIN	3205190	50

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Knife disconnect terminal block	gray

Cover, width: 2.2 mm	gray
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17.5 A, knife disconnect terminal block, 3 connections



Technical data ¹⁾			
Width	Length	Height	
5.2	94	39.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
17.5	400	0.25 - 1.5	-
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	-	-	-
17.5 / 1.5	- / -	- / -	- / -

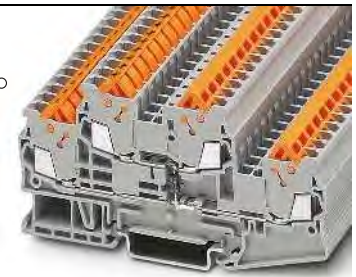
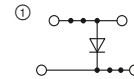
Ordering data		
Type	Order No.	Pcs./Pkt.
QTC 1,5-TWIN-MT	3050407	50

Accessories ¹⁾		
D-QTC 1,5-QUATTRO	3205174	50

Diode terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 256.



17.5 A, double-level diode terminal block, 1N 4007 (1300 V/0.5 A)



Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block, for conducting direction see circuit diagram	gray

Cover, width: 2.2 mm	gray
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Technical data ¹⁾			
Width	Length	Height	
5.2	99.6	49.9 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
17.5	500	0.25 - 1.5	24-16
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
17.5 / 1.5	10 / -	10 / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
QTTCB 1,5-DIO/O-U	3206241	50

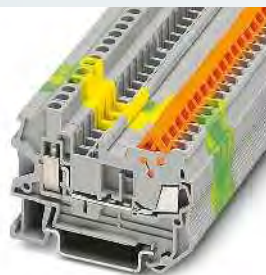
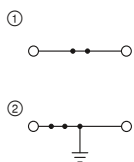
Accessories ¹⁾		
D-QTTCB 1,5	3205187	50

Terminal blocks – CLIPLINE complete

1.5 mm² QT fast connection terminal blocks

Hybrid terminal blocks with screw connection on one side, 2.5 (4) mm²

Notes:
1) For additional accessories and technical data, see page 256.
2) For screw connection rated data, visit phoenixcontact.net/products
For information on installation and using accessories for Ex applications, see page 678.



17.5 A, feed-through terminal block



Ex: EAC Ex IEC RoHS
KEMA 04ATEX2226 U / IECEx KEM 07.0007U

Technical data¹⁾

Width	Length	Height		
5.2	58.8	42.8 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	
17.5	800	0.25 - 1.5	24-16	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
17.5 / 1.5	10 / -	10 / -	16.5 / 1.5	

Ordering data

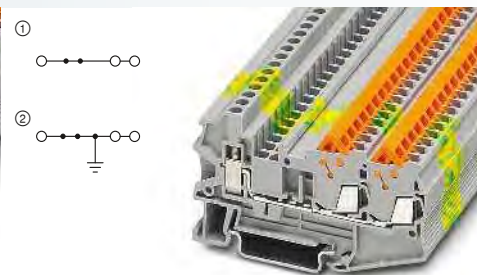
Type	Order No.	Pcs./Pkt.
QTCU 1,5	① 3050015	50
QTCU 1,5 BU	① 3050028	50
QTCU 1,5-PE	② 3050031	50

Accessories¹⁾

D-QTCU 1,5	3206283	50
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Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data ²⁾	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray



17.5 A, feed-through terminal block, 3 connections



Ex: EAC Ex IEC RoHS
KEMA 04ATEX2226 U / IECEx KEM 07.0007U

Technical data¹⁾

Width	Length	Height		
5.2	76.4	42.8 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	
17.5	800	0.25 - 1.5	24-16	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
17.5 / 1.5	10 / -	10 / -	17.5 / 1.5	

Ordering data

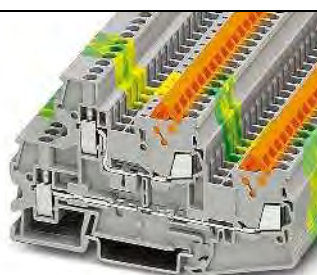
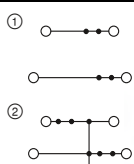
Type	Order No.	Pcs./Pkt.
QTCU 1,5-TWIN	① 3050044	50
QTCU 1,5-TWIN BU	① 3050057	50
QTCU 1,5-TWIN-PE	② 3050060	50

Accessories¹⁾

D-QTCU 1,5-TWIN	3206296	50
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Double-level hybrid terminal blocks with screw connection on one side, 2.5 (4) mm²

Notes:
1) For additional accessories and technical data, see page 256.
2) For screw connection rated data, visit phoenixcontact.net/products



17.5 A, double-level terminal block



Technical data¹⁾

Width	Length	Height		
5.2	93.5	55.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	
17.5	500	0.25 - 1.5	24-16	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
17.5 / 1.5	10 / -	10 / -	- / -	

Ordering data

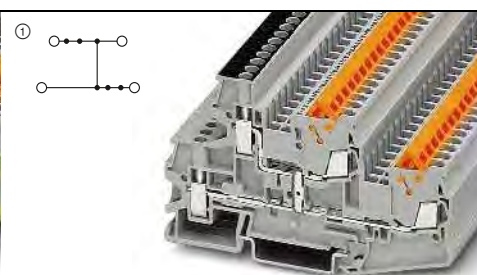
Type	Order No.	Pcs./Pkt.
QTTCBU 1,5	① 3050264	50
QTTCBU 1,5 BU	① 3050280	50
QTTCBU 1,5-PE	② 3050277	50

Accessories¹⁾

D-QTTCBU 1,5	3050536	50
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Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data ²⁾	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Description	Color
Terminal block	gray blue gray
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray



17.5 A, double-level terminal block with equipotential bonder



Technical data¹⁾

Width	Length	Height		
5.2	93.5	55.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	
17.5	500	0.25 - 1.5	24-16	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
17.5 / 1.5	10 / -	10 / -	- / -	

Ordering data

Type	Order No.	Pcs./Pkt.
QTTCBU 1,5-PV	① 3050361	50

Accessories¹⁾

D-QTTCBU 1,5	3050536	50
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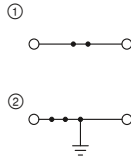
Hybrid terminal blocks with spring-cage connection on one side, 2.5 (4) mm²

Notes:

¹⁾ For additional accessories and technical data, see page 256.

²⁾ For spring-cage connection rated data, see page 210.

For information on installation and using accessories for Ex applications, see page 678.



17.5 A, feed-through terminal block



Ex: EAC Ex IEC Ex

KEMA 04ATEX2226 U / IECEx KEM 07.0007U

Technical data¹⁾

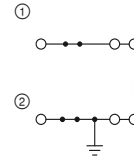
Width	Length	Height	
5.2	54.4	39.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
17.5	800	0.25 - 1.5	24-16
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	-	550
17.5 / 1.5	10 / -	- / -	17 / 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
QTCS 1,5	① 3050138	50
QTCS 1,5 BU	① 3050141	50
QTCS 1,5-PE	② 3050154	50

Accessories¹⁾

D-QTCS 1,5	3206270	50
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17.5 A, feed-through terminal block, 3 connections



Ex: EAC Ex IEC Ex

KEMA 04ATEX2226 U / IECEx KEM 07.0007U

Technical data¹⁾

Width	Length	Height	
5.2	71.6	39.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
17.5	800	0.25 - 1.5	24-16
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	-	550
17.5 / 1.5	10 / -	- / -	17.5 / 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
QTCS 1,5-TWIN	① 3206348	50
QTCS 1,5-TWIN BU	① 3206351	50
QTCS 1,5-TWIN-PE	② 3206364	50

Accessories¹⁾

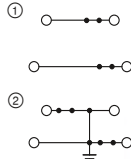
D-QTCS 1,5-TWIN	3206403	50
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Double-level hybrid terminal blocks with spring-cage connection on one side, 2.5 (4) mm²

Notes:

¹⁾ For additional accessories and technical data, see page 256.

²⁾ For spring-cage connection rated data, see page 210.



17.5 A, double-level terminal block



Ex: EAC Ex IEC Ex

KEMA 04ATEX2226 U / IECEx KEM 07.0007U

Technical data¹⁾

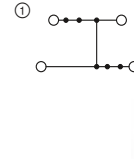
Width	Length	Height	
5.2	88.2	49.9 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
17.5	500	0.25 - 1.5	24-16
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	-	-
17.5 / 1.5	10 / -	- / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
QTTCSB 1,5	① 3050222	50
QTTCSB 1,5 BU	① 3050235	50
QTTCSB 1,5-PE	② 3050248	50

Accessories¹⁾

D-QTTCSB 1,5	3206335	50
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17.5 A, double-level terminal block with equipotential bonder



Ex: EAC Ex IEC Ex

KEMA 04ATEX2226 U / IECEx KEM 07.0007U

Technical data¹⁾

Width	Length	Height	
5.2	88.2	49.9 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
17.5	500	0.25 - 1.5	24-16
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	-	-
17.5	10 / -	- / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
QTTCSB 1,5-PV	① 3206380	50

Accessories¹⁾

D-QTTCSB 1,5	3206335	50
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Terminal blocks – CLIPLINE complete

2.5 mm² QT fast connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3
Rated cross section	[mm²]	2.5
Cross section range	AWG	20 - 14
Connection cross section in acc. with DIN VDE 0295		
H05V(Z) / H07V(Z)	[mm²]	0.5 - 2.5
Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]	[mm²]	-
[Litz wires Ø ≥ 0.19 mm]	AWG	20 - 14
Frequency of connections with the same cross section		100

Other conductor types and materials on request.

General data	
Insulating material	PA
Flammability rating in accordance with UL 94	V0
Wire diameter incl. insulation	≤ 3.8 mm
Note: Additional or deviating data is listed alongside the respective product.	

Notes:



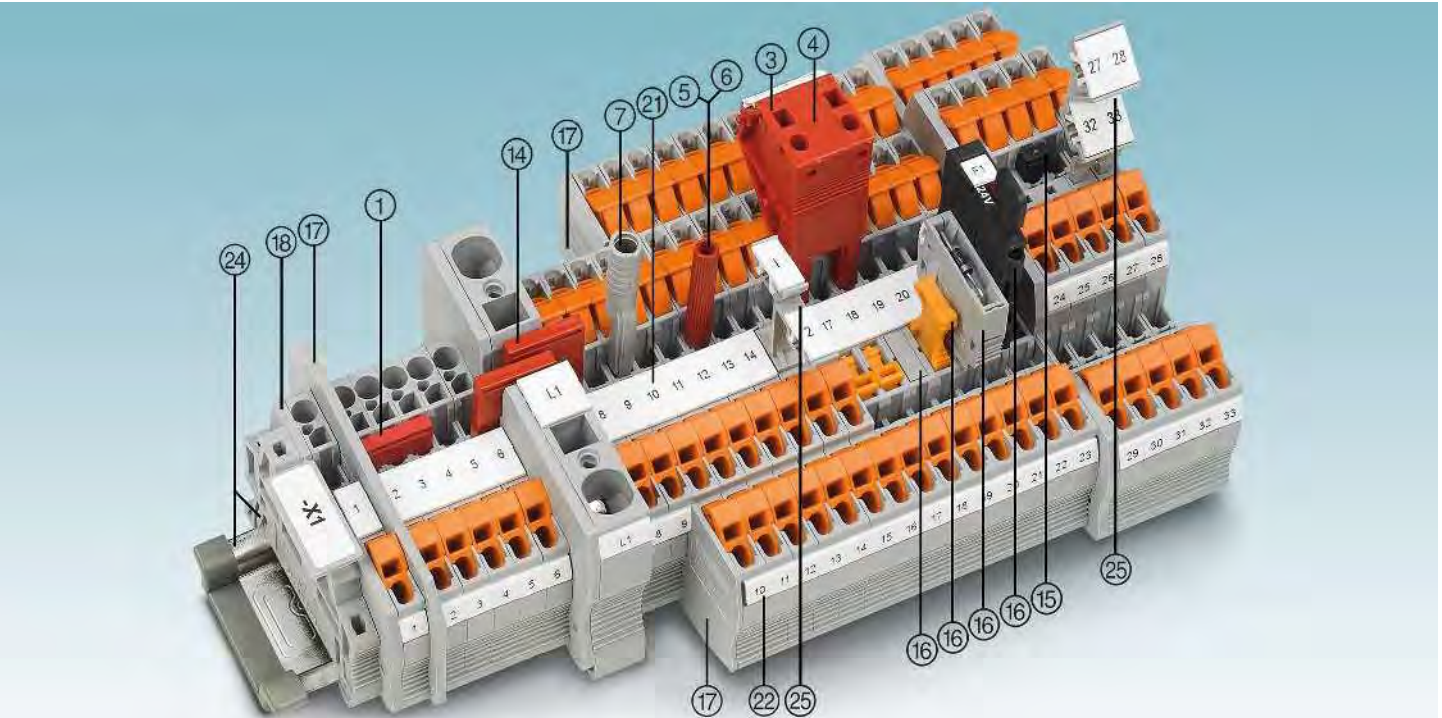
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file nos., and Internet links, please visit phoenixcontact.net/products

¹) The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge¹)	2	red	FBS 2-6	3030336	50	FBSR 2-6	3033715	50
	3	red	FBS 3-6	3030242	50	FBSR 3-6	3001594	50
	4	red	FBS 4-6	3030255	50	FBSR 4-6	3001595	50
	5	red	FBS 5-6	3030349	50	FBSR 5-6	3001596	50
	10	red	FBS 10-6	3030271	10	FBSR 10-6	3033716	10
	20	red	FBS 20-6	3030365	10			
③ Modular test plug		red	PS-6	3030996	10			
④ Spacer plate		red	DP PS-6	3036738	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
Screwdriver			SZF 1-0,6X3,5	1204517	10			

⑭ Reducing bridge
⑮ Vertical potential bridge
⑰ Partition plates/end cover segments
⑱ Cover
⑲ Center groove labeling
⑳ Center and side groove labeling
㉑ DIN rail and end bracket
㉒ Marker carrier
For full accessories, visit phoenixcontact.net/products

For RB ..., see page 408.
For FBS ..., see page 404.
For ATP-... / DS-..., visit phoenixcontact.net/products

Listed alongside the respective product.
UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables, from page 60.
UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables, from page 60.
See Catalog 3
For STP ..., see page 418.
Note: Additional or deviating accessories are listed alongside the respective product.

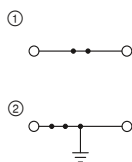
Feed-through and disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 262.

²⁾ Current and voltage are determined by the plug used.

For information on installation and using accessories for Ex applications, see page 678.



24 A, feed-through terminal block



Ex: EAC Ex IEC
KEMA 05ATEX2148 U / IECEx KEM 07.0010U

Technical data¹⁾

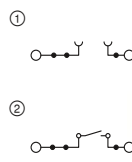
Width	Length	Height	
6.2	62.6	39.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24	800	0.5 - 2.5	20-14
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	550
24 / 2.5	15 / -	15 / -	22.5 / 2.5

Ordering data

Type	Order No.	Pcs./Pkt.
QTC 2,5	① 3206416	50
QTC 2,5 BU	① 3206429	50
QTC 2,5-PE	② 3206432	50

Accessories¹⁾

D-QTC 2,5	3206568	50
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20 A, disconnect terminal block



Ex: EAC Ex IEC

Technical data¹⁾

Width	Length	Height	
6.2	82.5	39.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
20²)	400²)	0.5 - 2.5	20-14
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
400²)	300	600	-
20 / 2.5	15 / -	15 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
QTC 2,5-TG	① 3206490	50
QTC 2,5-MT	② 3206487	50

Accessories¹⁾

D-QTC 2,5-TWIN	3206571	50
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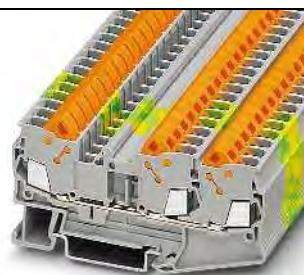
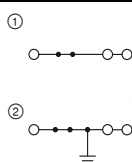
Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Description	Color
Terminal block	gray
	blue
Knife disconnect terminal block	gray
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

Multi-conductor terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 262.

For information on installation and using accessories for Ex applications, see page 678.

24 A, feed-through terminal block,
3 connections

Ex: EAC Ex IEC
KEMA 05ATEX2148 U / IECEx KEM 07.0010U

Technical data¹⁾

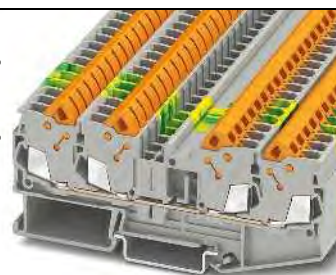
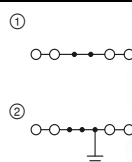
Width	Length	Height	
6.2	82.5	39.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24	800	0.5 - 2.5	20-14
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	550
24 / 2.5	15 / -	15 / -	22.5 / 2.5

Ordering data

Type	Order No.	Pcs./Pkt.
QTC 2,5-TWIN	① 3206445	50
QTC 2,5-TWIN BU	① 3206461	50
QTC 2,5-TWIN-PE	② 3206474	50

Accessories¹⁾

D-QTC 2,5-TWIN	3206571	50
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24 A, feed-through terminal block,
4 connections

Ex: EAC Ex IEC

Technical data¹⁾

Width	Length	Height	
6.2	102.4	39.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24	800	0.5 - 2.5	20-14
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	-
24/2,5	15 / -	15 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
QTC 2,5-QUATTRO	① 3206446	50
QTC 2,5-QUATTRO BU	① 3206447	50
QTC 2,5-QUATTRO-PE	② 3206448	50

Accessories¹⁾

D-QTC 2,5-QUATTRO	3206449	50
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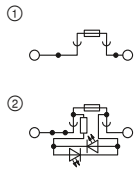
Description	Color
Terminal block	gray
	blue
Terminal block, for mounting on NS 35...	green-yellow
Cover, width: 2.2 mm	gray

Terminal blocks – CLIPLINE complete

2.5 mm² QT fast connection terminal blocks

Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

Notes:
1) For additional accessories and technical data, see page 262.
2) If the fuse is faulty, the downstream circuit is not off load.
3) For max. power dissipation, see page 694.
4) The current is determined by the fuse used, the voltage by the LED display.



6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses



Technical data ¹⁾			
Width	Length	Height	
6.2	82.5	64.9 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
6.3 ³⁾	500 ⁴⁾	0.5 - 2.5	20-14
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500 ⁴⁾	300	300	-
6.3 / 1.5	15 / -	10 / -	- / -

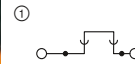
Ordering data			
Type	Order No.	Pcs./Pkt.	
QTC 2,5-HESI (5X20)	① 3050293	50	
QTC 2,5-HESILED 24 (5X20)	② 3050374	50	
QTC 2,5 HESILED 60 (5X20)	② 3050390	50	
QTC 2,5-HESILA 250 (5X20)	② 3050387	50	

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-QTC 2,5-TWIN	3206571	50

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Description	Color
Fuse terminal block	black
With LED display 12 ... 30 V AC/DC, 0.31 ... 0.95 mA ²⁾	black
30 ... 60 V AC/DC, 0.40 ... 0.86 mA ²⁾	black
110 ... 250 V AC/DC, 0.41 ... 0.96 mA ²⁾	black
Lever-type disconnect terminal block	black/orange

Cover, width: 2.2 mm	gray
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20 A, lever-type disconnect terminal block, same shape



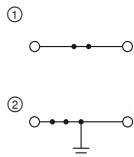
Technical data ¹⁾			
Width	Length	Height	
6.2	82.5	64.9 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
20	500	0.5 - 2.5	20-14
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	300	300	-
20 / 2.5	15 / -	15 / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
QTC 2,5-HEDI	① 3206678	50

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-QTC 2,5-TWIN	3206571	50

Hybrid terminal blocks with screw connection on one side, 4 (6) mm²

Notes:
1) For additional accessories and technical data, see page 262.
2) For screw connection rated data, visit phoenixcontact.net/products
For information on installation and using accessories for Ex applications, see page 678.



24 A, feed-through terminal block



Ex: Ex EAC Ex IEC KEMA 05ATEX2148 U / IECEx KEM 07.0010U

Technical data ¹⁾			
Width	Length	Height	
6.2	62.6	42.8 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24	800	0.5 - 2.5	20-14
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	550
24 / 2.5	15 / -	15 / -	22 / 2.5

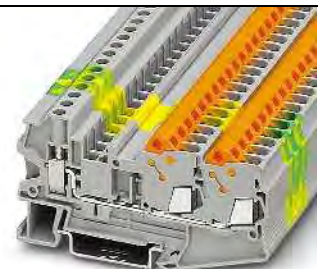
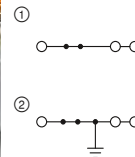
Ordering data		
Type	Order No.	Pcs./Pkt.
QTCU 2,5	① 3206539	50
QTCU 2,5 BU	① 3206542	50
QTCU 2,5-PE	② 3206555	50

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-QTCU 2,5	3206597	50

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data ²⁾	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow

Cover, width: 2.2 mm	gray
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24 A, feed-through terminal block, 3 connections



Ex: Ex EAC Ex IEC KEMA 05ATEX2148 U / IECEx KEM 07.0010U

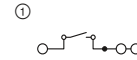
Technical data ¹⁾			
Width	Length	Height	
6.2	82.5	42.8 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24	800	0.5 - 2.5	20-14
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	-	550
24 / 2.5	15 / -	- / -	22 / 2.5

Ordering data		
Type	Order No.	Pcs./Pkt.
QTCU 2,5-TWIN	① 3050303	50
QTCU 2,5-TWIN BU	① 3050316	50
QTCU 2,5-TWIN-PE	② 3050329	50

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-QTCU 2,5 TWIN	3050510	50

Hybrid disconnect terminal blocks with screw connection on one side, 4 (6) mm²

Notes:
¹⁾ For additional accessories and technical data, see page 262.

²⁾ For screw connection rated data, visit phoenixcontact.net/products


20 A, knife disconnect terminal block, 3 connections



Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data ²⁾	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Description	Color
Knife disconnect terminal block	gray blue
Cover, width: 2.2 mm	gray

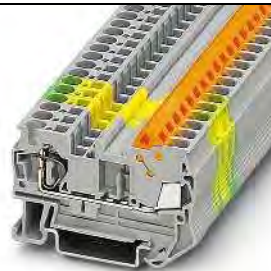
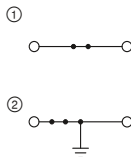
Technical data ¹⁾			
Width	Length	Height	
6.2	79.3	42.8 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
20	400	0.5 - 2.5	20-14
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	300	300	-
20 / 2.5	15 / -	15 / -	- / -
Ordering data			
Type		Order No.	Pcs./Pkt.
QTCU 2,5-TWIN-MT	①	3050304	50
QTCU 2,5-TWIN-MT BU	①	3050317	50
Accessories ¹⁾			
D-QTCU 2,5-TWIN-MT		3050511	50

Hybrid terminal blocks with spring-cage connection on one side, 4 (6) mm²

Notes:
¹⁾ For additional accessories and technical data, see page 262.

²⁾ For spring-cage connection rated data, see page 228.

For information on installation and using accessories for Ex applications, see page 678.

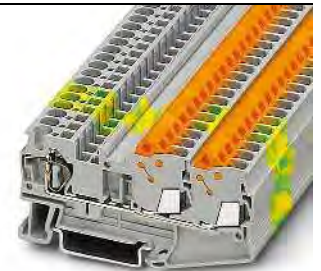
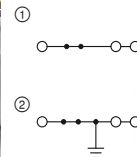


24 A, feed-through terminal block



Ex: EAC Ex IEC ClassNK
KEMA 05ATEX2148 U / IECEx KEM 07.0010U

Technical data¹)			
Width	Length	Height	
6.2	59.7	39.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
24	800	0.5 - 2.5	20-14
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	-	550
24 / 2.5	15 / -	- / -	22.5 / 2.5
Ordering data			
Type	Order No.		Pcs./Pkt.
QTCS 2,5	①	3206500	50
QTCS 2,5 BU	①	3206513	50
QTCS 2,5-PE	②	3206526	50
Accessories¹)			
D-QTCS 2,5	3206584		50



24 A, feed-through terminal block, 3 connections



Ex: EAC Ex IEC ClassNK
KEMA 05ATEX2148 U / IECEx KEM 07.0010U

Technical data ¹⁾			
Width	Length	Height	
6.2	79.6	39.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24	800	0.5 - 2.5	20-14
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	-	550
24 / 2.5	15 / -	- / -	22.5 / 2.5
Ordering data			
Type		Order No.	Pcs./Pkt.
QTCS 2,5-TWIN	①	3050332	50
QTCS 2,5-TWIN BU	①	3050345	50
QTCS 2,5-TWIN-PE	②	3050358	50
Accessories ¹⁾			
D-QTCS 2,5 TWIN		3050523	50