

Certificate of Compliance

Certificate Number(s):

UL-US-L60425-61871109-
03105102-11
UL-US-2422601-4

Report Reference:

E60425-20150130

Issue Date:

2026-04-10

Issued to:

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8, Blomberg, 32825, DE

This certificate confirms that representative samples of:
XCFR2 - Terminal Blocks - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

UL 1059, Edition 6, Issue Date 2024-12-11

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



David Piecuch
UL Mark Certification Program Manager



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-US-L60425-61871109-03105102-11, UL-US-2422601-4
Report reference: E60425-20150130
Issue Date: 2026-04-10

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Terminal Blocks

Model(s): PTWE -SHV/n... may be followed by TP /n., FTP n+1, FTPC-3/nS, FTPC n+1

Model(s): RSCWE 6-3 *May be followed by alpha-numeric suffixes denoting combination of elements and/or number of poles.*

Terminal Blocks - Component

Model(s): PTRE 6-2/n, PTRE 6/n+1, UTRE 6-2/n

Model(s): RSCWE 6-3/nSL, PTWE 6/n+1, FTP, UTWE 6/n+1, FWP, FTP-2 L, FTP-2 M, FTP-2 S., FTP-2/n, FTPR-3/nS, BTFE 6-3, may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX, FTP-3F, may be followed by /x, nU, /x nU***, FBP-3F, may be followed by /x, nU, AUX, /X nU, /X AUX, nU AUX, /X nU AUX***, UTWE 6-2/n, UTWE 6-n, PTRE 6-2, PTWE 6-2/n, FWP n+1, PTWE 6-2, UTRE 6-2, UTWE 6-2, FTP-3/n SL, UTWE 6, FTPR-2/n, RSCWE 6-3, may be followed by /X, AUX, /X AUX, FIP-3 All Cat. Nos. *may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.*

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.



Certificate of Compliance

Certificate Number(s):

UL-CA-L60425-61891109-
03105102-9
UL-CA-2417945-4

Report Reference:

E60425-20150130

Issue Date:

2026-04-10

Issued to:

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8, Blomberg, 32825, DE

This certificate confirms that representative samples of:

XCFR8 - Terminal Blocks Certified for Canada - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

CSA C22.2 No. 158, Edition 4, Issue Date 2023-02, Revision Date 2025-03

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



David Piecuch
UL Mark Certification Program Manager



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CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-CA-L60425-61891109-03105102-9, UL-CA-2417945-4
Report reference: E60425-20150130
Issue Date: 2026-04-10

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Terminal Blocks

Model(s): PTWE -SHV/n... may be followed by TP /n., FTP n+1, FTPC-3/nS, FTPC n+1

Model(s): RSCWE 6-3 *May be followed by alpha-numeric suffixes denoting combination of elements and/or number of poles.*

Terminal Blocks - Component

Model(s): PTRE 6-2/n, PTRE 6/n+1, UTRE 6-2/n

Model(s): RSCWE 6-3/nSL, PTWE 6/n+1, FTP, UTWE 6/n+1, FWP, FTP-2 L, FTP-2 M, FTP-2 S,, FTP-2/n, FTPR-3/nS, BTFE 6-3, may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX, FTP-3F, may be followed by /x, nU, /x nU***, FBP-3F, may be followed by /x, nU, AUX, /X nU, /X AUX, nU AUX, /X nU AUX***, UTWE 6-2/n, UTWE 6-n, PTRE 6-2, PTWE 6-2/n, FWP n+1, PTWE 6-2, UTRE 6-2, UTWE 6-2, FTP-3/n SL, UTWE 6, FTPR-2/n, RSCWE 6-3, may be followed by /X, AUX, /X AUX, FIP-3 All Cat. Nos. *may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.*

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DESCRIPTION

PRODUCT COVERED:

USR, CNR Component Terminal Blocks, FAME Series - Series UT, PT, RSCWE 6-3, and FIP-3. May be followed by alpha-numeric suffixes denotating combination of elements and/or number of poles.

USR CNR Component Terminal Blocks, Fame 3: Modular Disconnect System series FTP-3/n SL, RSCWE 6-3/nSL, BTFE 6-3 may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX + FTP-3F may be followed by /x, nU, /x nU + FBP-3F may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX, RSCWE 6-3 may be followed by /X, AUX, /X AUX.

USR CNR Component Terminal Blocks, Cat No. FTPC n+1, FTP n+1, FTPR-2/n, FTP-2/n, FTPC-3/nS, FTPR-3/nS.

USR CNR Component Terminal Block, Cat No. PTWE-SHV/n, may be followed by TP /n.

Note -

USR - Products designated USR have been investigated using US requirements as noted in the Test Record.

CNR - Products designated CNR have been investigated using Canadian requirements as noted in the Test Record.

GENERAL CHARACTER AND USE:

The terminal blocks covered by this Report are intended for use in the following applications and within the ratings specified.

Series RSCWE 6-3 are for use in FAME 3 modular test systems. RSCWE consist of upper and lower contact articles assembled together with FIP-3 plug, etc, shorting bridges and other accessories to form a FAME 3 modular system assembly.

RATINGS:

Application -

Commercial appliances (such as business and EDP equipment, etc.

General industrial (such as motor controllers, pushbutton stations, etc.

Industrial control devices having limited ratings (see note A under Ratings).

Cat. No.	Torque (Nm)	Wire size AWG - sol/str	Wire type	FW	V	A	UG
*UTWE 6	1.5-1.8	24 - 8	Cu	2	400	30	F
UTWE 6-n					300#	10	D
UTWE 6/n+1					600#	5	D
*UTWE 6-2	1.5-1.8	24 - 8	Cu	2	690	30	F
UTWE 6-2/n					300#	20	C
					600#	5	D
UTRE 6-2	1.5-1.8	24 - 8	Cu	2	600*	30	C
					300#	10	D
					600#	5	D
UTRE 6-2/n					600#	30	B, C
*PTWE 6-2	--	20 - 8	Cu	2	300	20	B, C
PTWE 6/n+1					690	20	F
PTWE 6-2/n					600#	5	D
*PTRE 6-2	--	20 - 8	Cu	2	600	20	B, C
PTRE 6-2/n					300#	10	D
					600#	5	D
PTRE 6/n+1	--	20 - 8	Cu	2	600*	20	B, C
					300#	10	D
					600#	5	D
RSCWE 6-3 may be followed by /X, AUX, /X AUX	1.5-1.8	20-8	Cu	2	600	31	B, C
						5	D
FIP-3	--	--	Cu	2	600	31	B
							C
RSCWE 6-3/nSL	1.5-1.8	20-8	Cu	2	600	31	B, C
					600	5	D
FIP	--	--	Cu	2	600	31	B
							C
*							
*							

Cat. No.	Torque (Nm)	Wire size AWG - sol/str	Wire type	FW	V	A	UG
FWP FWP n+1	--	--	Cu	2	600	31	B, C
					600	5	D
					300	10	D
					400	31	F
FTPc n+1	--	--	Cu	2	600	5	D
					300	10	D
					400	31	F
FTP n+1	--	--	Cu	2	600	5	D
					300	10	D
					400	31	F
*FTP-2 L, FTP-2 M, FTP-2 S, FTP	--	--	Cu	2	600	31	B, C
FTP-2/n	--	--	Cu	2	300	31	BC
					600	5	D
					690	31	F

and Report

Cat. No.	Torque (Nm)	Wire size AWG - sol/str	Wire type	FW	V	A	UG
FTPR-2/n	--	--	Cu	2	300	31	BC
					600	5	D
					690	31	F
BTFE 6-3 may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX	1-1.3 Nm	20-10	Cu	2	300	30	B, C
					600	5	D
					400	30	F**
FTP-3F/x nU*** FTP-3F may be followed by /x, nU, /x nU***	N/A	N/A	N/A	2	300	30	B, C
					600	5	D
					400	30	F**
FBP-3F may be followed by /x, nU, AUX, /X nU, /X AUX, nU AUX, /X nU AUX***	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FTP-3/n SL	--	--	Cu	2	600	31	BC
					600	5	D
					300	10	D
					690	31	F
FTPC-3/nS	--	--	Cu	2	300	31	BC
					600	5	D
					690	31	F

and Report

Cat. No.	Torque (Nm)	Wire size AWG - sol/str	Wire type	FW	V	A	UG
FTPR-3/nS	--	--	Cu	2	300	31	BC
					600	5	D
					690	31	F

Wire stripping length for PT models - 12 mm

Wire stripping length for UT models - 12 mm

*With Mounting Plate

#Without Mounting Plate

** Only for USR

*** FTP-3F may be followed by /x, nU, /x nU + FBP-3F may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX are plugs. They always used with main articles BTFE 6-3 may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX. They are not used as a standalone articles.

Ca t. No.	Wire size (AWG)	Wire type	FW	TQ (Lb-in)	Voltage (V)	Current (A)	UG
PTWE-SHV/8	24-12	Cu	2	NA	300	15	B, C
					500		F

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Use - For use only in or with products where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability -

1. The mounting suitability shall be determined in the end-use equipment.
2. The field wiring terminals of this terminal block have been evaluated using the Standard for Equipment Wiring Terminals For Use With Aluminum and/or Copper Conductors, UL 486E. The suitability of these terminals shall be determined in the end-use investigation.
3. The insulating bodies are molded of Recognized Component polymeric materials (QMFZ2). Identification of these plastic materials by manufacturer's name, Grade designation, maximum operating temperature, and flame rating are specified in the "Section General" pages in this Procedure. The acceptability of these materials shall be judged in the end use application.
4. The tightening torque for field wiring pressure wire connector terminals is recorded in the Ratings section of this report. This torque value shall be marked on the end use product for those categories which require torque markings for field terminated conductors.
5. These devices have been investigated for use with copper conductors only.
6. Accessories: All accessories do not have a direct physical contact to current leading parts but bridges. These parts do not impact the heating. Accessories include Cat. No. FWP, FTP, FTP-2 L, FTP-2 M, FTP-2 S, FTP-3/n SL, RSCWE 6-3/nSL.
7. RSCWE 6-3/X AUX terminals are intended for use with certified insulated ring or fork lugs.
8. Test plugs such as FIP-3, and shorting bridges manufactured by Phoenix Contact, may be used as accessories.
9. The disconnect mean has not been investigated for interrupting current.
10. Cat. Nos. UTWE 6, UTWE 6-2, UTRE 6-2, PTWE 6-2, PTRE 6-2 terminals have not been investigated with Mounting plate. The suitability of these accessories shall be determined in the end-use investigation.
11. The Fame 3: Modular Disconnect System terminal blocks, BTFE 6-3/x nU AUX series + FTP-3F/x nU series + FBP-3F/x nU AUX series are intended to be used with prepared conductors only.

**12. The terminal block spacing requirements were determined based on use in circuits where an alternative spacing investigation is conducted in accordance with ANSI/UL 508, "Industrial Control Equipment," and ANSI/UL 508C, "Power Conversion Equipment." Terminal blocks were investigated for Pollution Degree 3, and Overvoltage Category [III]. Through-air (clearance) spacings are minimum [5.5] mm; over-surface (creepage) spacings are minimum [6.3] mm.

13. FTP-3F may be followed by /x, nU, /x nU + FBP-3F may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX are plugs. They always used with main articles BTFE 6-3 may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX. They are not used as a standalone articles.

14. Cat Nos. FTPC n+1, FTP n+1, FTPR-2/n, FTP-2/n, FTPC-3/nS and FTPR-3/nS are used with main articles UTWE and PTWE series.

15. The Cat No. PTWE-SHV/n, may be followed by TP /n. terminal block spacing requirements were determined based on use in circuits where an alternative spacing investigation is conducted in accordance with [UL 508](#), "Industrial Control Equipment," and UL 61800-5-1, "Power Conversion Equipment." Terminal blocks were investigated for Pollution Degree 3, and Overvoltage Category [III]. Through-air (clearance) spacings are minimum [5.5] mm; over-surface (creepage) spacings are minimum [6.3] mm.

NOMENCLATURE:

PT	RE	6	-2/	X
1	2	3	4	5

1. Basic Type No. - PT (Push-in Terminal) spring forced push-in connection
- UT (Universal Terminal) screw-tightening pressure wire connectors
2. Installation - RE DIN-Rail mounting
- WE wall mounting
3. Wire size AWG - 6 -> for screw type terminal AWG24 up to AWG8 and for push-in type terminals AWG20 up to AWG8
4. Function of the terminal block
- without suffix -> FAME 1, N/O function terminal block ,
- with suffix -2/ -> FAME 2, N/C function terminal block
5. Suffixes - All Cat. Nos. may be followed by a 0 to 50 character alphanumeric suffix (any combination of letters , mathematical character and/or numbers) with or without spaces between characters, designating non-electrical variations such as color, customer identification, number of poles (single-pole terminals in a row), packaging or plating options.

NOMENCLATURE (Cont.):

FTP	-2/	X
1	2	3

1. Basic Type No. - FTP (FAME Terminal Plug) spring forced connection)
 - FWP (FAME Power Plug which connects in- and output)
 - **FTPC (FAME Terminal Plug) spring forced connection)**
 - **FTPR (FAME Terminal Plug) spring forced connection)**
2. Application of Plug -w/o suffix -> to be used with Fame 1
 - 2/ -> to be used with FAME 2
 - 3/ -> to be used with FAME 3**
3. Length of Connector . **w or w/o suffix X**
 - S Length of connecting bar is small
 - M Length of connecting bar is medium
 - L Length of connecting bar is long
 - n: no. of poles, n=1,2,3...**
4. Suffixes - All Cat. Nos. may be followed by a 0 to 50 character alphanumeric suffix (any combination of letters, mathematical character and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, customer identification, number of poles (single-pole terminals in a row), packaging or plating options.

FTP n + 1	FTPC n + 1
FTPR-2/n	FTP-2/n
FTPC-3/nS	FTPR-3/nS

With all colour variants and suffix are possible and that can be added at any position of nomenclature.

Note: In nomenclature we can use /,- and space in between every suffix.

Nomenclature: RSCWE 6-3 may be followed by /X, AUX, /X AUX.

RSCWE 6-3	X0	X1
A	B	C

- A. RSCWE 6-3: Basic series
- B. w or w/o suffix (X0)/X: no. of poles, x=1,2,3...
- C. w or w/o suffix (X1) AUX: auxiliary contact

With all colour variants and suffix are possible and that can be added at any position of nomenclature.

Note: In nomenclature we can use /,- and space in between every suffix.

RSCWE 6-3 may be followed by /X, AUX, /X AUX.

Nomenclature (Cont.):

FTP-3/n SL

FTP	X0	X1	X2
A	B	C	D

- A. FTP : FAME Terminal Plug (spring forced connection)
- B. (X0) Application of Plug: 3(to be used with Fame 3)
- C. w or w/o suffix: / n: no. of poles
- D. w or w/wo suffixes -SL: Length of connecting bar is small/long

FTP-3/n SL

*

Nomenclature (Cont.):

RSCWE 6-3/nSL

A	X0
RSCWE 6-3	/nSL

A. RSCWE 6-3: Basic Series

B. w or w/o suffix (X0): denotes combination of elements and/or number of poles

With all colour variants are possible and the can be added at any position of nomenclature

Note: In nomenclature we can use /,- and space in between every suffix.

RSCWE 6-3/nSL

Nomenclature: BTFE 6-3 may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX

BTFE	6	-3	X0	X1	X2
A	B	C	D	E	F

A. BTFE 6-3 : Barrier Terminal Frame Energy

B. 6: Cross-section

C. -3: Fame 3 family

D. (X0) : /x : no. of poles, x=1,2,3...

E. w or w/o suffix: nU: no. of rack units n= 1,2,3...

F. w or w/wo suffixes AUX: auxiliary contact

With all colour variants and suffixes are possible and that can be added at any position of nomenclature.

Note: In nomenclature we can use /,- and space in between every suffix.

BTFE 6-3 may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX

Nomenclature: FTP-3F may be followed by /x, nU, /x nU

FTP-3F	X0	X1
A	B	C

- A. FTP-3F : Fame Test Plug (frame 3)
- B. w or w/o suffix (X0)/x: no. of poles, x=1,2,3...
- C. w or w/o suffix(X1)nU: no. of rack units, n=1,2,3...

With all colour variants and suffix are possible and that can be added at any position of nomenclature.

Note: In nomenclature we can use /,- and space in between every suffix.

FTP-3F may be followed by /x, nU, /x nU

Nomenclature: FBP-3F may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX

FBP-3F	X0	X1	X2
A	B	C	D

- A. FBP-3F : Fame 3 Blind Plug
- B. w or w/o suffix (X0) /x: no. of poles, x=1,2,3...
- C. w or w/o suffix(X1) nU: no. of rack units, n=1,2,3..
- D. w or w/wo suffixes (X2) AUX: auxiliary contact

With all colour variants and suffix are possible and that can be added at any position of nomenclature.

Note: In nomenclature we can use /,- and space in between every suffix.

FBP-3F may be followed by /x, nU, AUX, /x nU, /x AUX, nU AUX, /x nU AUX

Nomenclature:

PTWE	X0	X1	X2
A	B	C	D

- A: PTWE : PT connection Wall mounted
- B: SHV/n (Application with Suffix SHV or without suffix SHV No. of poles n...(1-8.)
- C : TP-S/n (With or Without TP Accessory No. of poles n...(1-8.)
- n- No. of poles in Line or Parallel
- D: With enclosure or without Enclosure Accessory.

With all colour variants are possible and that can be added at any position of nomenclature

Note: In nomenclature we can use /,- and space in between every suffix.

PTWE-SHV/8

MARKING:

The marking of a terminal block shall include:

The Recognized Company, trade name or trademark on the terminal block.

(USR) The catalog numbers which may be marked on the terminal block, shipping carton, or stuffer sheet placed in the shipping carton.

(USR) Optional wire range, tightening torque, ampere and voltage.

(CNR) The catalog numbers, wire range, ampere and voltage rating on the terminal block, shipping carton, or stuffer sheet placed in the shipping carton.

Strip length for spring terminal blocks should be marked on the terminal block, shipping carton or stuffer sheet placed in the shipping carton.