

Certificate of Compliance

Certificate Number:

UL-US-L247489-081123-
42708102-5

Report Reference:

E247489-20180724

Issue Date:

2025-02-07

Issued to:

**Wieland Electric GmbH
Brennerstrasse 10-14 Bamberg 96052
Germany**

This certificate confirms that representative samples of:

**CYJV - Cable Assemblies and Fittings for Industrial Control and
Signal Distribution**

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

UL 2238, Edition 3, Issue Date 2018-10-02, Revision Date 2024-12-05

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 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 Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



A handwritten signature in blue ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

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CERTIFICATE OF COMPLIANCE

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Model	Product Description
RST16I, followed by 3, 3/2, 5 or 5/4, followed by S or B or 1 or 2, followed by D0, followed by 3, may be followed by any character to represent voltage rating (max 600V), may be followed by additional letters, numbers, or both	Circular Plug-In Connector
RST20I 6 or 7, followed by SS1, SB1, CS1 or CB1 may be followed by Z or Y, followed by R1, R2, R3, R5, R6, R7, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX	Circular Plug-In Connectors
RST20I, followed by 2 or 3, followed by V, followed by 3P1, followed by other characters	Cable Assemblies
RST20I, followed by 2, 3, 4, or 5, followed by CS1 or CB1, followed by M0, M1 or M9, followed by 0, 1, or 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors
RST20I, followed by 2, 3, 4, or 5, followed by CS1 or CB1, followed by M0, M1 or M9, followed by 0, 1, or 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors M16, M20 and M25
RST20I, followed by 2, 3, 4, or 5, followed by CS1 or CB1, may be followed by Z or Y, followed by R1, R2, R3, R5, R6, R7, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Female and Male Cable Fittings
RST20I, followed by 2, 3, 4, or 5, followed by CS1, or CB1, may be followed by Z or Y, followed by R1, R2, R3, R5, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Connectors
RST20I, followed by 2, 3, 4, or 5, followed by SS1 or SB1, followed by M0, M1 or M9, followed by 0, 1, 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors M16, M20 and M25
RST20I, followed by 2, 3, 4, or 5, followed by SS1 or SB1, may be followed by Z or Y, followed by R1, R2, R3, R5, R6, R7, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character	Circular Plug-In Connectors



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representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	
RST20I, followed by 2, 3, 4, or 5, followed by SS1 or SB1, may be followed by Z or Y, followed by R1, R2, R3, R5, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Female and Male Cable Fittings
RST20I, followed by 2, 3, 4, or 5, followed by SS1, or SB1, followed by M0, M1 or M9, followed by 0, 1, or 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors
RST20i3 followed by color code xx –, followed by coding color xx	Adapter
RST25I, followed by 2, 3, 4, or 5, followed by CS1, or CB1, followed by M0, M1 or M9, followed by 0, 1, or 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors
RST25I, followed by 2, 3, 4, or 5, followed by CS1, or CB1, may be followed by Z or Y, followed by R1, R2, R3, R5, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Connectors
RST25I, followed by 2, 3, 4, or 5, followed by SS1, SB1, S6S1 or S6B1 followed by M0, M1 or M9, followed by 0, 1, or 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors
RST25I, followed by 2, 3, 4, or 5, followed by SS1, SB1, S6S1 or S6B1, may be followed by Z or Y, followed by R1, R2, R3, R5, R6, R7, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Connectors
Series RST20I, followed by 2 or 3, followed by FS2 or FB2 followed by additional letters, numbers or both	Circular Plug-In Connectors



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**CSA C22.2 No. 182.3, 2nd Ed., Issue Date: 2016-07, Revision
Date: 2021-5**

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RST20I 6 or 7, followed by SS1, SB1, CS1 or CB1 may be followed by Z or Y, followed by R1, R2, R3, R5, R6, R7, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX	Circular Plug-In Connectors
RST20I, followed by 2 or 3, followed by V, followed by 3P1, followed by other characters	Cable Assemblies
RST20I, followed by 2, 3, 4, or 5, followed by CS1 or CB1, followed by M0, M1 or M9, followed by 0, 1, or 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors
RST20I, followed by 2, 3, 4, or 5, followed by CS1 or CB1, followed by M0, M1 or M9, followed by 0, 1, or 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors M16, M20 and M25
RST20I, followed by 2, 3, 4, or 5, followed by CS1 or CB1, may be followed by Z or Y, followed by R1, R2, R3, R5, R6, R7, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Female and Male Cable Fittings
RST20I, followed by 2, 3, 4, or 5, followed by CS1, or CB1, may be followed by Z or Y, followed by R1, R2, R3, R5, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Connectors
RST20I, followed by 2, 3, 4, or 5, followed by SS1 or SB1, followed by M0, M1 or M9, followed by 0, 1, 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors M16, M20 and M25
RST20I, followed by 2, 3, 4, or 5, followed by SS1 or SB1, may be followed by Z or Y, followed by R1, R2, R3, R5, R6, R7, RX, or RY, may be followed by color code, may be	Circular Plug-In Connectors



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followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	
RST20I, followed by 2, 3, 4, or 5, followed by SS1 or SB1, may be followed by Z or Y, followed by R1, R2, R3, R5, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Female and Male Cable Fittings
RST20I, followed by 2, 3, 4, or 5, followed by SS1, or SB1, followed by M0, M1 or M9, followed by 0, 1, or 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors
RST20i3 followed by color code xx –, followed by coding color xx	Adapter
RST25I, followed by 2, 3, 4, or 5, followed by CS1, or CB1, followed by M0, M1 or M9, followed by 0, 1, or 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors
RST25I, followed by 2, 3, 4, or 5, followed by CS1, or CB1, may be followed by Z or Y, followed by R1, R2, R3, R5, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Connectors
RST25I, followed by 2, 3, 4, or 5, followed by SS1, SB1, S6S1 or S6B1 followed by M0, M1 or M9, followed by 0, 1, or 3, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors
RST25I, followed by 2, 3, 4, or 5, followed by SS1, SB1, S6S1 or S6B1, may be followed by Z or Y, followed by R1, R2, R3, R5, R6, R7, RX, or RY, may be followed by color code, may be followed by V or H, may be followed by any character representing voltage level (max 600V), followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Connectors
Series RST20I, followed by 2 or 3, followed by FS2 or FB2 followed by additional letters, numbers or both	Circular Plug-In Connectors



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ELECTRICAL RATINGS FOR FACTORY and FIELD WIRING:

For factory wiring, any R/C (AVLV2/8) or any Recognized cord of the manufacturer's wiring harness, or Listed TC or TC-ER Cable. Conductors may be ultrasonically welded before termination.

For field wiring, any Listed cord suitable for the application.

These devices as shown in the table below have been subjected to Type testing in UL 50E for Type 4, 4X, 6 and 6P with Listed cord suitable for the application.

All models	Male and female cord connected/panel mounted connectors in mated condition
RST20i6/7	Male and female cord connected/panel mounted connectors in unmated condition and installed with and end cover.
*Adapter cat. no. RST20i3 followed by color code xx -, followed by coding color xx	In mated condition only mated connectors.
Distributor Connector, series RST20I, followed by 2 or 3, followed by V, followed by 3P1, followed by other characters	In mated condition only with End Cap and/or mated connectors.

Series	Number of poles Circuit 1/ Circuit 2/ Grounding	Size AWG Solid OR Stranded OR Stranded with ultrasonically welded conductors OR Stranded with Listed ferrules (See note #)	USL		CNL		Maximum Voltage (V ac/dc)
			Current - Circuit 1 (A)	Current - Circuit 2 (A)	Current - Circuit 1 (A)	Current - Circuit 2 (A)	
RST20I7SS, RST20I7SB,	3/3/1	14	20	5	16	2	600
		14	15	15	12	12	
		16	16	4	14	2	
		16	12	12	10	10	
		18	14	14	10	10	
		20	11	11	5	5	
RST20I7SS, RST20I7SB,	3/4/0	14	20	5	16	2	
		14	15	15	12	12	
		16	16	4	14	2	
		16	12	12	10	10	
RST20I6SS, RST20I6SB,	3/2/1	14	20	5	16	2	
		14	15	15	12	12	
		16	16	4	14	2	
		16	12	12	10	10	
		18	14	14	10	10	
		20	11	11	5	5	
RST20I6SS, RST20I6SB,	3/3/0	14	20	5	16	2	
		14	15	15	12	12	
		16	16	4	14	2	
		16	12	12	10	10	
		18	14	14	10	10	
		20	11	11	5	5	

Note #:

- Listed ferules for conductors including sizes 16 AWG - 20 AWG. No Listed ferules for conductors including sizes 14 AWG
- Ultrasonically prepared conductors including sizes 14 AWG - 18 AWG to be done at factory only with no stray strands.

Series	Number of poles Circuit 1/ Circuit 2/ Grounding	Size AWG Solid OR Stranded	USL		CNL		Maximum Voltage (V ac/dc)
			Current - Circuit 1 (A)	Current - Circuit 2 (A)	Current - Circuit 1 (A)	Current - Circuit 2 (A)	
RST20I7CS, RST20I7CB,	3/3/1	14	20	5	16	2	600
		14	15	15	12	12	
		16	16	4	14	2	
		16	12	12	10	10	
		18	14	14	10	10	
		20	11	11	5	5	
RST20I7CS, RST20I7CB,	3/4/0	14	20	5	16	2	
		14	15	15	12	12	
		16	16	4	14	2	
		16	12	12	10	10	
RST20I6CS, RST20I6SB	3/2/1	14	20	5	16	2	
		14	15	15	12	12	
		16	16	4	14	2	
		16	12	12	10	10	
		18	14	14	10	10	
		20	11	11	5	5	
RST20I6CS, RST20I6SB	3/3/0	14	20	5	16	2	
		14	15	15	12	12	
		16	16	4	14	2	
		16	12	12	10	10	
		18	14	14	10	10	
		20	11	11	5	5	

Series (Screw terminate d)	Number of poles Power/ Grounding	Size AWG Solid OR Stranded OR Stranded with ultrasonically welded conductors OR Stranded with Listed ferrules unless noted otherwise below	Current (A)		Maximum Voltage (V ac/dc)
			USL	CNL	
RST20I5SS , or RST20I5SB	4/1	14	20	20	600
		16	17	17	
		18	14	14	
RST20I4SS , or RST20I4SB	3/1	14	20	20	600
		16	17	17	
		18	14	14	
RST20I2SS , or RST20I2SB	2/none	10 stranded conductor, solid conductor, stranded conductor with ultrasonic welding	30	30	600
		12	20	20	
		14	15	15	
		16	10	10	
		17 Stranded OR Stranded with ultrasonically welded conductors OR Stranded with Listed ferrules	10	10	
		18 Stranded OR Stranded with ultrasonically welded conductors OR Stranded with Listed ferrules	8	8	
*RST20I3S S, or RST20I3SB	3/0	10 stranded conductor / solid conductor / stranded with ultrasonic welding	Two poles rated 30 A One pole rated 5 A	Two poles rated 30 A One pole rated 5 A	600

	2/1	10 stranded conductor, solid conductor, stranded conductor with ultrasonic welding	20	20	
		12	20	20	
		14	15	15	
		16	10	10	
		17 Stranded OR Stranded with ultrasonically welded conductors OR Stranded with Listed ferrules	10	10	
		18 Stranded OR Stranded with ultrasonically welded conductors OR Stranded with Listed ferrules	8	8	

Series (Screw terminated)	Number of poles Power/ Grounding	Size AWG Solid OR Stranded OR Stranded with ultrasonically welded conductors OR Stranded with Listed ferrules unless noted otherwise below	Current (A)		Maximum Voltage (V ac/dc)
			USL	CNL	
RST25I3SS, or RST25I3SB	2/1	10 stranded conductor, solid conductor, stranded conductor with ultrasonic welding	20	20	600
		12	20	20	
RST25I5SS, or RST25I5SB	4/1	12 Solid	20	20	600
		12 stranded / stranded with ultrasonic conductors	20	20	
RST25i5S6S1 or RST25i5S6B1	4/1	10 stranded conductor, solid conductor, stranded conductor with ultrasonic welding	25	25	600

Adapters	Number of poles Power/ Grounding	Wire Size	Current (A)		Maximum Voltage (V ac/dc)
			USL	CNL	
*Adapter RST20i3 followed by color code xx - , followed by coding color xx	3/0	N/A (this product is only a male to female adapter)	Two poles rated 20 A One pole rated 5 A	Two poles rated 20 A One pole rated 5 A	600
	Or 2/1		Two poles rated 20 A	Two poles rated 20 A	

Distributor Connector	Number of poles Power/ Grounding	Wire Size	Current (A)		Voltage (V ac/dc)
			USL	CNL	
Series RST20I, followed by 2 or 3, followed by V, followed by 3P1, followed by other characters	3/0	N/A (this product is only a distributor)	Two poles rated 30 A One pole rated 5 A	Two poles rated 30 A One pole rated 5 A	600
	Or 2/0		Two poles rated at 30A	Two poles rated at 30A	
	Or 2/1		Two poles rated 20 A	Two poles rated 20 A	

ELECTRICAL RATINGS CONTINUED

Series (Crimp Terminated)	Number of poles Power/ Grounding	Size AWG Sol/Str	Current (A)		Maximum Voltage (V ac/dc)
			USL	CNL	
RST20I5CS, or RST20I5CB	4/1	12 Str	20	20	600
		14 Str	17	15	
		16 Str	12	10	
		18 Str	11	7	
RST20I4CS, or RST20I4CB	3/1	12 Str	20	20	600
		14 Str	17	15	
		16 Str	12	10	
		18 Str	11	7	
RST20I2CS, or RST20I2CB	2/none	10	20	20	600
		12	20	20	
		14	15	15	
		16	10	10	
RST20I3CS, or RST20I3CB	2/1	10	20	20	600
		12	20	20	
		14	15	15	
		16	10	10	
RST20I3CS, or RST20I3CB	2/1	1xNo.12 STR PLUS 1xNo.18 STR	20	20	600

N/A - Indicates not applicable, no Canadian Certification for this construction.

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RST20I, followed by 2 or 3, followed by V, followed by 3P1, followed by F, may be followed by V, followed by SW or GL, followed by color code XX, followed by blank or coding color XX.	Distribution Connect
RST20I, followed by 2 or 3, followed by, CS1, CB1, FS2, FB2, SS1 or SB1,, may be followed by Z, followed by R1, R2, R5, RX or RY, may be followed by V, may be followed by M, followed by SW or GL, followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Connectors
Series RST20I, followed by 2 or 3, followed by CS1, CB1, FS2, FB2, SS1 or SB1,, followed by M00 or M01, followed by V, followed by SW or GL, followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors



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

Model	Product Description
RST20I, followed by 2 or 3, followed by, CS1, CB1, FS2, FB2, SS1 or SB1,, may be followed by Z, followed by R1, R2, R5, RX or RY, may be followed by V, may be followed by M, followed by SW or GL, followed by color code XX, followed by blank or coding color XX.	Circular Plug-In Connectors
Series RST20I, followed by 2 or 3, followed by CS1, CB1, FS2, FB2, SS1 or SB1,, followed by M00 or M01, followed by V, followed by SW or GL, followed by color code XX, followed by blank or coding color XX.	Panel-Mounted Connectors



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DESCRIPTION

PRODUCT COVERED:

* USL, CNL - Circular Plug-In Connector, Series RST20I, followed by 2 or 3, followed by, CS1, CB1, FS2, FB2, SS1 or SB1, may be followed by Z, followed by R1, R2, **R5**, RX or RY, may be followed by V, may be followed by M, followed by SW or GL, followed by color code XX, followed by blank or coding color XX.

USL - Distribution Connector, Series RST20I, followed by 2 or 3, followed by V, followed by 3P1, followed by F, may be followed by V, followed by SW or GL, followed by color code XX, followed by blank or coding color XX.

* USL, CNL - Panel-Mounted Connectors, Series RST20I, followed by 2 or 3, followed by CS1, CB1, FS2, FB2, SS1 or SB1, followed by M00 or M01, followed by V, followed by SW or GL, followed by color code XX, followed by blank or coding color XX.

GENERAL:

These devices are screw-type, denoted by Suffixes SS for male contacts and SB for female contacts, crimp-type, denoted by Suffixes CS for male contacts and CB for female contacts, or spring type; denoted by suffixes FS for male contacts and FB for female contacts, 2-pole, 2-wire, or 3-wire grounding cable assemblies and intended for use and field-assembly on 2 or 3 separate stranded or solid copper wire conductors. The devices utilize two conductors for power transmission and for Model RST20I3 only, one pole for grounding. Each pole may or may not be connected to the number, size and type of wire as indicated under RATINGS.

Please note, the full Series RST20I with crimp and pressure-wire terminations (Screw) are detailed in Vol. 2, Sec. 3. The partial 2 and 3 pole description herein of the crimp and pressure-wire terminations are maintained within only for cross referencing use within this descriptive Report. Any additions to the RST20I Series having crimp and pressure-wire terminations should be made within the description dated 2018-07-24, unless it is related to an addition specifically described within this Report such as spring-action terminations or affecting the distributions detailed herein.

These devices are intended for use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

USL - Indicates investigation to United States Standard, UL 2238.

CNL - Indicates investigation to the Canadian Standard C22.2 No. 182.3.

RATINGS: For screw and crimp contacts with suffix CS1, CB1, and SB1.

Series	Number of poles Power/ Grounding	Size AWG Sol/Str	Current (A)		Voltage (V ac/dc)
			USL	CNL	
RST20I2	2/none	10	20	-	600
		12	20	20	
		14	15	15	
		16	10	10	
RST20I3	2/1	10	20	-	600
		12	20	20	
		14	15	15	
		16	10	10	

The female crimp contact, designated by Suffix CB1, has the following additional ratings:

Series	Number of poles Power/ Grounding	Number of Conductors per contact	Size AWG Sol/Str	Current (A)		Voltage (V ac/dc)
				USL	CNL	
RST20I3 followed by CB1	2/1	2	1xNo.12 STR PLUS 1xNo.18 STR	20	-	600

RATINGS: For Spring Contact With suffix FS2, or FB2. Each contact position is provided with two terminals where one or both terminals may be utilized with the same wire size.

Series	Number of poles Power/ Grounding	Size AWG Sol/Str	Current (A)		Voltage (V ac/dc)
			USL	CNL	
RST20I2, RST20I3	2/none, 2/1	14 SOL/STR	20A for 14 AWG, 5A for 20-16 AWG	15A for 14 AWG, 5A for 20- 16 AWG	600
		16 SOL/STR			
		18 SOL/STR			
		20 SOL/STR			

RATING for Distributor:

Series	Number of poles Power/Grounding	Size AWG Str	Current (A)		Voltage(V ac/dc)
			USL	CNL	
Series RST20I, followed by 2 or 3, followed by V, followed by 3P1	2/1	16	10 Total	-	600