

CERTIFICATE OF COMPLIANCE

Certificate Number E45172
Report Reference E45172-19950922
Issue Date 2020-APRIL-02

Issued to: WAGO Kontakttechnik GmbH & Co. KG
Hansastraße 27, 32423 Minden GERMANY

This certificate confirms that representative samples of COMPONENT - TERMINAL BLOCKS
See Addendum Page

Have been investigated 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.

Standard(s) for Safety: UL1059 - Terminal Blocks
Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure 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.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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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.

Component Terminal Blocks,

Cat. Nos. 733-102 through -112

Cat. Nos. 733-202 through -212

Cat. Nos. 734-102 through -124, may be followed by /037-000, /107-000, /0120-0000, /0121-0000, /0122-0000 or /0123-0000.

Cat. Nos. 734-202 through -220, may be followed by /037-000, /107-000.

Cat. Nos. 734-302 through -324, may be followed by /019-000, /108-000 or /109-000.

Cat. Nos. 734-332 through -354, may be followed by /019-000, /108-000 or /109-000.

Cat. Nos. 734-362 through -372, may be followed by /108-000 or /109-000.

Cat. Nos. 734-432 through -442, may be followed by /108-000 or /109-000.

All Cat. No. 733, 734 can be followed by /010-000, -304 or -350.

All Cat. Nos. 734 may be followed by /0001-0000, /0002-0000, /0008-0000, /00018-0000, /0032-0000, /0033-0000, /0034-0000, /0035-0000, /0036-0000, /0046-0000, /0106-0000, /0109-0000 or /0119-0000.

All female connectors Cat. No. 733, 734 can be followed by /045-000.

Cat. Nos. 713-1103 through -1118, may be followed by /037-000, /107-000, /0032-0000, /0033-0000, /0034-0000, /0035-0000.

Cat. Nos. 714-102 through -116.

Cat. Nos. 2734-102 through -124, may be followed by /0010-0000 or /027-000, /031-000, /037-000 or /107-000.

Cat. Nos. 2734-202 through -220, may be followed by /0010-0000 or /027-000, /031-000, /037-000 or /107-000.

Headers,

Cat. Nos. 733-132 through -142, may be followed by /010-000 or /105-604;

Cat. Nos. 733-162 through -172, may be followed by /010-000 or /105-604;

Cat. Nos. 733-332 through -342, may be followed by /100-000 or /105-604;

Cat. Nos. 733-362 through -372, followed by /010-000 or /105-604;

Cat. Nos. 734-132 through -154, may be followed by /010-000, /100-000, /105-604, /108-000 or /105-604;

Cat. Nos. 734-162 through -184, may be followed by /010-000, /105-604, /108-000 or /105-604;

Cat. Nos. 734-232 through -250, may be followed by /010-000, /100-000, /108-000 or /105-604;

Cat. Nos. 734-262 through -280, followed by /010-000, /108-000 or /105-604;

Cat. Nos. 734-402 through -412, may be followed by /001-000, /010-000, /108-000 or /105-604;

Cat. Nos. 734-432 through -442, may be followed by /001-000, /010-000, /100-000, /108-000 or /105-604;

Cat. Nos. 734-462 through -484, may be followed by /037-000, /108-000, ...997-405 or /105-604

Cat. Nos. 734-532 through -554, may be followed by /037-000, /108-000, ...997-405 or /105-604

Cat. Nos. 734-502 through -520, may be followed by /037-000, /108-000, ...997-405 or /105-604

Cat. Nos. 734-562 through -580, may be followed by /037-000, /108-000, ...997-405 or /105-604



Bruce Mahrenholz, Director North American Certification Program

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All Cat. No. can be followed by /010-000, /046-000, -304 or -350.

Cat. Nos. 713-1403 through 1418, may be followed by /037-000, /107-000, /116-000, /117-000, /105-000 or /105-604.

Cat. Nos. 713-1463 through 1478, may be followed by /037-000, /107-000, /116-000, /117-000, /105-000 or /105-604.

Cat. Nos. 713-1423 through 1438, may be followed by /037-000, /105-000, /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 714-132 through 146.

Cat. Nos. 714-162 through 166 may be followed by /105-604.

Cat. Nos. 713-1423 through 1425, may be followed by /037-000, /105-000, /105-000/997-405 or /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1426 through 1428, may be followed by /037-000, /105-000, /105-000/997-406 or /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1429 through 1431, may be followed by /037-000, /105-000, /105-000/997-407 or /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1432 through 1436, may be followed by /037-000, /105-000, /105-000/997-408 or /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1437 through 1438, may be followed by /037-000, /105-000, /105-000/997-409 or /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1403 may be followed by /037-000, /107-000, /107-000/997-405, /116-000/997-405 or /117-000/997-405, /105-000 or /105-604.

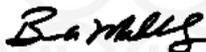
Cat. Nos. 713-1404 through 1406, may be followed by /037-000, /107-000, /107-000/997-406, /116-000/997-406 or /117-000/997-406, /105-000 or /105-604.

Cat. Nos. 713-1407 through 1409, may be followed by /037-000, /107-000, /107-000/997-407 /116-000/997-407 or /117-000/997-407, /105-000 or /105-604.

Cat. Nos. 713-1410 through 1414, may be followed by /037-000, /107-000, /107-000/999-408, /116-000/997-408 or /117-000/997-408, /105-000 or /105-604.

Cat. Nos. 713-1415 through 1418, may be followed by /037-000, /107-000, /107-000/999-409, /116-000/997-409 or /117-000/997-409, /105-000 or /105-604.

Cat. Nos. 713-1423 may be followed by /037-000, /105-000, /107-000, /116-000/997-405 or /117-000/997-405, /116-000, /117-000 or /105-604.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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Cat. Nos. 713-1424 through 1426, may be followed by /037-000, /105-000, /107-000, /116-000/997-406 or /117-000/997-406, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1427 through 1429, may be followed by /037-000, /105-000, /107-000, /116-000/997-407 or /117-000/997-407, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1492 or 713-1498, may be followed by /037-000.

Cat. Nos. 713-1430 through 1434, may be followed by /037-000, /105-000, /107-000, /116-000/997-408 or /117-000/997-408, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1435 through 1438, may be followed by /037-000, /105-000, /107-000, /116-000/997-409 or /117-000/997-409, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1463 may be followed by /037-000, /105-000, /107-000, /116-000/997-405 or /117-000/997-405, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1464 through 1466, may be followed by /037-000, /105-000, /107-000, /116-000/997-406 or /117-000/997-406, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1467 through 1469, may be followed by /037-000, /105-000, /107-000, /116-000/997-407 or /117-000/997-407, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1470 through 1474, may be followed by /037-000, /105-000, /107-000, /116-000/997-408 or /117-000/997-408, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1475 through 1478, may be followed by /037-000, /105-000, /107-000, /116-000/997-409 or /117-000/997-409, /116-000, /117-000 or /105-604.

All Cat. Nos. that begins with 713-... may be followed by /010-000.

All Cat. Nos. that begins with 713-... may be followed by: /xxxx-0037, /xxxx 0047, /xxxx 9047, /xxxx 9057, /xxxx 9067, /xxxx 9017, /xxxx 9027, /xxxx 9037, where "x" can be any matching alphanumeric character.



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File E45172

September 22, 1995

REPORT

on

COMPONENT - TERMINAL BLOCKS - COMPONENT

Wago Kontakttechnik GmbH & Co. Kg
Minden

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DESCRIPTION

PRODUCT COVERED:

Component Terminal Blocks,
Cat. Nos. 733-102 through -112
Cat. Nos. 733-202 through -212
Cat. Nos. 734-102 through -124, may be followed by /037-000, /107-000, /0120-0000, /0121-0000, /0122-0000 or /0123-0000.
Cat. Nos. 734-202 through -220, may be followed by /037-000, /107-000.
Cat. Nos. 734-302 through -324, may be followed by /019-000, /108-000 or /109-000.
Cat. Nos. 734-332 through -354, may be followed by /019-000, /108-000 or /109-000.
Cat. Nos. 734-362 through -372, may be followed by /108-000 or /109-000.
Cat. Nos. 734-432 through -442, may be followed by /108-000 or /109-000.
All Cat. No. 733, 734 can be followed by /010-000, -304 or -350.
All Cat. Nos. 734 may be followed by /0001-0000, /0002-0000, /0008-0000, /00018-0000, /0032-0000, /0033-0000, /0034-0000, /0035-0000, /0036-0000, /0046-0000, /0106-0000, /0109-0000 or /0119-0000.

All female connectors Cat. No. 733, 734 can be followed by /045-000.

Cat. Nos. 713-1103 through -1118, may be followed by /037-000, /107-000, /0032-0000, /0033-0000, /0034-0000, /0035-0000.
Cat. Nos. 714-102 through -116.
Cat. Nos. 2734-102 through -124, may be followed by /0010-0000 or /027-000, /031-000, /037-000 or /107-000.
Cat. Nos. 2734-202 through -220, may be followed by /0010-0000 or /027-000, /031-000, /037-000 or /107-000.

Headers,

Cat. Nos. 733-132 through -142, may be followed by /010-000 or /105-604;
Cat. Nos. 733-162 through -172, may be followed by /010-000 or /105-604;
Cat. Nos. 733-332 through -342, may be followed by /100-000 or /105-604;
Cat. Nos. 733-362 through -372, followed by /010-000 or /105-604;
Cat. Nos. 734-132 through -154, may be followed by /010-000, /100-000, /105-604, /108-000 or /105-604;
Cat. Nos. 734-162 through -184, may be followed by /010-000, /105-604, /108-000 or /105-604;
Cat. Nos. 734-232 through -250, may be followed by /010-000, /100-000, /108-000 or /105-604;
Cat. Nos. 734-262 through -280, followed by /010-000, /108-000 or /105-604;
Cat. Nos. 734-402 through -412, may be followed by /001-000, /010-000, /108-000 or /105-604;
Cat. Nos. 734-432 through -442, may be followed by /001-000, /010-000, /100-000, /108-000 or /105-604;
Cat. Nos. 734-462 through -484, may be followed by /037-000, /108-000, ...997-405 or /105-604
Cat. Nos. 734-532 through -554, may be followed by /037-000, /108-000, ...997-405 or /105-604
Cat. Nos. 734-502 through -520, may be followed by /037-000, /108-000, ...997-405 or /105-604
Cat. Nos. 734-562 through -580, may be followed by /037-000, /108-000, ...997-405 or /105-604
All Cat. No. can be followed by /010-000, /046-000, -304 or -350.

*

Cat. Nos. 713-1403 through 1418, may be followed by /037-000, /107-000, /116-000, /117-000, /105-000 or /105-604.

Cat. Nos. 713-1463 through 1478, may be followed by /037-000, /107-000, /116-000, /117-000, /105-000 or /105-604.

Cat. Nos. 713-1423 through 1438, may be followed by /037-000, /105-000, /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 714-132 through 146.

Cat. Nos. 714-162 through 166 may be followed by /105-604.

Cat. Nos. 713-1423 through 1425, may be followed by /037-000, /105-000, /105-000/997-405 or /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1426 through 1428, may be followed by /037-000, /105-000, /105-000/997-406 or /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1429 through 1431, may be followed by /037-000, /105-000, /105-000/997-407 or /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1432 through 1436, may be followed by /037-000, /105-000, /105-000/997-408 or /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1437 through 1438, may be followed by /037-000, /105-000, /105-000/997-409 or /107-000, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1403 may be followed by /037-000, /107-000, /107-000/997-405, /116-000/997-405 or /117-000/997-405, /105-000 or /105-604.

Cat. Nos. 713-1404 through 1406, may be followed by /037-000, /107-000, /107-000/997-406, /116-000/997-406 or /117-000/997-406, /105-000 or /105-604.

Cat. Nos. 713-1407 through 1409, may be followed by /037-000, /107-000, /107-000/997-407 /116-000/997-407 or /117-000/997-407, /105-000 or /105-604.

Cat. Nos. 713-1410 through 1414, may be followed by /037-000, /107-000, /107-000/999-408, /116-000/997-408 or /117-000/997-408, /105-000 or /105-604.

Cat. Nos. 713-1415 through 1418, may be followed by /037-000, /107-000, /107-000/999-409, /116-000/997-409 or /117-000/997-409, /105-000 or /105-604.

Cat. Nos. 713-1423 may be followed by /037-000, /105-000, /107-000, /116-000/997-405 or /117-000/997-405, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1424 through 1426, may be followed by /037-000, /105-000, /107-000, /116-000/997-406 or /117-000/997-406, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1427 through 1429, may be followed by /037-000, /105-000, /107-000, /116-000/997-407 or /117-000/997-407, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1492 or 713-1498, may be followed by /037-000.

Cat. Nos. 713-1430 through 1434, may be followed by /037-000, /105-000, /107-000, /116-000/997-408 or /117-000/997-408, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1435 through 1438, may be followed by /037-000, /105-000, /107-000, /116-000/997-409 or /117-000/997-409, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1463 may be followed by /037-000, /105-000, /107-000, /116-000/997-405 or /117-000/997-405, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1464 through 1466, may be followed by /037-000, /105-000, /107-000, /116-000/997-406 or /117-000/997-406, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1467 through 1469, may be followed by /037-000, /105-000, /107-000, /116-000/997-407 or /117-000/997-407, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1470 through 1474, may be followed by /037-000, /105-000, /107-000, /116-000/997-408 or /117-000/997-408, /116-000, /117-000 or /105-604.

Cat. Nos. 713-1475 through 1478, may be followed by /037-000, /105-000, /107-000, /116-000/997-409 or /117-000/997-409, /116-000, /117-000 or /105-604.

All Cat. Nos. that begins with 713-... may be followed by /010-000.

All Cat. Nos. that begins with 713-... may be followed by: /xxxx-0037, /xxxx-0047, /xxxx-9047, /xxxx-9057, /xxxx-9067, /xxxx-9017, /xxxx-9027, /xxxx-9037, where "x" can be any matching alphanumeric character.

GENERAL CHARACTER AND USE:

Cat. Nos. 713, **714**, 733, **734** and **2734** terminal blocks provide cage-type clamping springs for wire termination and socket contact terminals intended for the pin terminals on the mating headers. The heaters are in turn printed circuit board mounted by solder pin terminals. Terminals and contacts in Series 733 and 734 have 2.5 mm center-to-center spacings. Terminals and contacts in Series 713, **2734-102 through -124** and 714 have 3.5 mm center-to-center spacings. **Terminals and contacts in Series 2734-202 through -220 have 3.81 mm center-to-center spacings.**

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

Application -

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

General industrial (such as motor controllers, push-button stations, etc.).

Terminal Type -

Front	Back
Spring Force Connection (terminal blocks)	Female socket contacts
Solder pins (headers)	Pin contacts

Type Wiring

Cage-type clamping spring terminals are suitable for field and factory-wiring. Pin contacts are suitable for factory-wiring only.

RATINGS:

Cat. No.	Max Voltage, V	Max Current, A	Wire Range AWG/Cu
733 terminal blocks	150	4	No. 20-28 Sol/Str
734 terminal blocks	300	10	No. 14-28 Sol/Str
713 terminal block	50#	10	No. 28-16 Sol/Str
	300	10	No. 28-16 Sol/Str
714 terminal block	150	8	No. 24-16 Str
2734 terminal blocks	300	10	No. 24-16 Sol/Str
733 headers	150	4	-
734 headers	300	10	-
713 headers	150	10	-
	50#	10	-
713-1492/0037-0000, 713-1498/0037-0000	UG B: 300	10	-
	UG C: 50	10	-
	UG D: 300	10	-
714 headers	150	8	-

Note:

- For usage group C the 50V voltage rating is applicable only for factory wiring.

NOMENCLATURE:

Cat. Nos.	Description	Ill. No.
733-102 through -112	Terminal blocks, female connector	1
733-202 through -212	Terminal blocks, male connector	1
733-132 through -142, 733-332 through -342,	Headers, mating direction perpendicular to printed circuit board	2
		4
733-332 through -342 /100-000	Headers, closed end, pressing	-
733-332 through -342 /105-604	Headers, mating direction perpendicular to printed circuit board, black insulating material	-
733-362 through -372	Headers, mating direction perpendicular to printed circuit board	4
733-362 through -372 /105-604	Headers, mating direction perpendicular to printed circuit board, black insulating material	-
733-162 through -172	Headers, mating direction parallel to printed circuit board	2
734-102 through -124, 734-202 through -220	Terminal blocks, female connector, cage clamp, coding fingers	4, 5
734-102 through -124 and 734-202 through -220 followed by /107-000.	Terminal blocks, female connector, cage clamp, screw flanges	9
734-102 through -124 /037-000	Terminal blocks, female connector, cage clamp, coding fingers, locking device	-
734-202 through -220 /037-000	Terminal blocks, male connector	-
734-302 through -324, 734-332 through -354	Terminal blocks, male connector	4, 5
734-302 through -324 and 734-332 through -354 followed by /109-000.	Terminal blocks, male connector, cage clamp, threaded flanges	9
734-302 through -324 /019-000	Terminal blocks, male connector, fixing flange for screw	-
734-332 through -354 /019-000	Terminal blocks, male connector, fixing flange	-
734-362 through -372	Terminal block, two rows of spring force connections, provided with female and male connector	8
734-132 through -154, 734-232 through -250	Headers, mating direction perpendicular to printed circuit board	6, 7

NOMENCLATURE (Continued)

Cat. Nos.	Description	Ill. No.
*734-232 through -242 /100-000	Headers, mating direction perpendicular to printed circuit board, Press-In	-
734-132 through -154 /105-604	Headers, mating direction perpendicular to printed circuit board, black	-
734-132 through -154 /100-000	Headers, mating direction perpendicular to printed circuit board, Press-In	-
734-162 through -184, 734-262 through -280	Headers, mating direction parallel to printed circuit board	6, 7
734-162 through -184 /105-604	Headers, mating direction parallel to printed circuit board, black	-
734-402 through -412	Headers, double deck without support	-
734-402 through -412 /001-000	Headers, double deck with support	-
734-432 through -442	Headers, double deck without support	-
734-432 through -442 /001-000	Headers, double deck with support	-
734-462 through -484	Female Header, With Straight Solder Pin, 2-24 Pole, Pin Spacing 3.5 mm, Solder Pin 0.9 mm X 0.9 mm	-
734-532 through -554	Female Header, With Angled Solder Pin, 2-24 Pole, Pin Spacing 3.5 mm, Solder Pin 0.9 mm X 0.9 mm	-
734-502 through -520	Female Header, With Straight Solder Pin, 2-24 Pole, Pin Spacing 3.81 mm, Solder Pin 0.9 mm X 0.9 mm	-
734-562 through -580	Female Header, With Angled Solder Pin, 2-24 Pole, Pin Spacing 3.81 mm, Solder Pin 0.9 mm X 0.9 mm	-
734-132 through -154, 734-232 through -242, 734-162 through -184, 734-262 through -280, 734-402 through -412, 734-432 through -442, 734-462 through -484, 734-532 through -554, 734-502 through -520 and 734-562 through -580 followed by /108-000	Headers, With Straight and right angle Solder Pin, 2-24 Pole, Pin Spacing 5.08 mm, Solder Pin 1mm x 1mm	9
Series 733 and 734 followed by /010-000	Similar to Series 733 and 734 except for gold plating on contact pins.	
Series 733 and 734 followed by /010-000	Gold contact for all Cat. Nos	-
Series 733 and 734 followed by /045-000	Female connectors with solder pins Pin length above housing 3.8 mm.	-
Series 733 and 734 followed by /046-000	Closed end headers, with solder pins. Pin length above housing 3.8 mm.	-
Series 733 and 734 followed by -304	For all Cat. Nos. Housing material V0, Black.	-
Series 733 and 734 followed by -350	For all Cat. Nos Housing material V0, White.	-

NOMENCLATURE (Continued)

<u>Cat. Nos.</u>	<u>Description</u>	<u>Ill. No.</u>
/037-000	With fixing flanges	-
...997-40X	Headers in tape on reel	-
/107-000	Screw flanges for headers and female connectors	-
/105-000	THR Headers (suitable for THR soldering)	-
/116-000	THR Headers with levers	-
/117-000	THR Headers with screw flanges	-
/105-604	Use of insulating material Cat. No. (applicable for pin headers of series 713, 714, 733 and 734 only).	-
713-1403 through 1418	Headers, mating direction perpendicular to PWB, 6-36 poles	10
713-1423 through 1438	Headers, mating direction parallel to PWB, 6-36 poles	11
713-1463 through 1478	Headers, mating direction perpendicular to PWB, 6-36 poles, with misplacement protection	12
713-1403 through 1418 followed by /0037-0000	Headers, mating direction perpendicular to PWB, 6-36 poles, with locking device	13
713-1403 through 1418 followed by /0107-0000	Headers, mating direction perpendicular to PWB, 6-36 poles, with screw flanges	14
713-1103 through -1118	Terminal block, female plug, 6-36 poles	15
713-1103 through -1118 followed by /0107-0000	Terminal block, female plug, 6-36 poles, with screw flanges	16
713-1103 through -1118 followed by /0037-0000	Terminal block, female plug, 6-36 poles, with locking lever	17
713-1103 through -1118 followed by /0032-0000, /0033-0000, /0034-0000 or /0035-0000	Terminal block, female plug, 6-36 poles, with strain relief plate: /0032-0000 plate width 11 mm, /0033-0000 plate width 25 mm, /0034-0000 plate width 39 mm, /0035-0000 plate width 53 mm	18
Series 713	Springs, current carrying parts and header pins	19
714-102 through 116	Terminal block, female plug, 2-16 poles	20
714-132 through 146	Headers, mating direction perpendicular to PWB, 2-16 poles	21
714-162 through 166	Headers, mating direction parallel to PWB, 2-16 poles	22
2734-102 through -124	Multipole (from 2 to 24 poles) female terminal block with coding fingers and built-in push buttons.	23
2734-102 through -124 followed by /027-000	Multipole (from 2 to 24 poles) female terminal block, with coding fingers, built-in push buttons and reinforcing strip.	23A
2734-102 through -124 followed by /031-000	Multipole (from 2 to 24 poles) female terminal block, with coding fingers, latch, built-in push buttons and mounting flanges.	23B
2734-102 through -124 followed by /037-000	Multipole (from 2 to 24 poles) female terminal block, with coding fingers, latch, built-in push buttons and locking levers.	23C

NOMENCLATURE (Continued)

<u>Cat. Nos.</u>	<u>Description</u>	<u>Ill. No.</u>
2734-102 through -124 followed by /107-000	Multipole (from 2 to 24 poles) female terminal block, with coding fingers, latch, built-in push buttons and screw flange.	<u>23D</u>
2734-202 through -220	Multipole (from 2 to 20 poles) female terminal block with coding fingers and built-in push buttons.	<u>23</u>
2734-202 through -220 followed by /027-000	Multipole (from 2 to 20 poles) female terminal block, with coding fingers, built-in push buttons and reinforcing strip.	<u>23A</u>
2734-202 through -220 followed by /031-000	Multipole (from 2 to 20 poles) female terminal block, with coding fingers, latch, built-in push buttons and mounting flanges.	<u>23B</u>
2734-202 through -220 followed by /037-000	Multipole (from 2 to 20 poles) female terminal block, with coding fingers, latch, built-in push buttons and locking levers.	<u>23C</u>
2734-202 through -220 followed by /107-000	Multipole (from 2 to 20 poles) female terminal block, with coding fingers, latch, built-in push buttons and screw flange.	<u>23D</u>
Series 2734 followed by /0010-000	Gold plated contacts for all cat. nos. series 2734	<u>-</u>
Series 713 followed by /010-000	Gold contact pins plating for all cat. nos.	<u>-</u>
Series 713 followed by /xxxx-0037, /xxxx-0047, /xxxx-9047, /xxxx-9057, /xxxx-9067, /xxxx-9017, /xxxx-9027, /xxxx-9037, where "x" can be any matching alphanumeric character.	Customer specific marking describing the manner of poles numbering.	<u>32</u>
734-102 through -124 followed by /0120-0000	Similar to already approved Cat. No. 734-102 through -124 except small changes in housing shape.	<u>38</u>
734-102 through -124 followed by /0121-0000	Similar to already approved Cat. No. 734-102 through -124 followed by /0037-0000 except small changes in housing shape.	<u>38</u>
734-102 through -124 followed by /0122-0000	Similar to already approved Cat. No. 734-102 through -124 followed by /0107-0000 except small changes in housing shape.	<u>38</u>
734-102 through -124 followed by /0123-0000	Similar to already approved Cat. No. 734-102 through -124 followed by /0008-0000 except small changes in housing shape.	<u>38</u>

NOMENCLATURE (Continued)

<u>Cat. Nos.</u>	<u>Description</u>	<u>Ill. No.</u>
Below new additional suffixes are applicable for All Cat. Nos. 734		
Series 734 followed by 0001-0000	Additional support presented.	<u>33</u>
Series 734 followed by 0002-0000	Without coding fingers.	-
Series 734 followed by 0008-0000	Additional snap-in mounting feet for female and T-connectors.	<u>34</u>
Series 734 followed by 0018-0000	Additional snap-in mounting feet for male connectors.	<u>35</u>
Series 734 followed by 0032-0000	6 mm wide strain relief plate.	-
Series 734 followed by 0033-0000	12.5 mm wide strain relief plate.	-
Series 734) followed by 0034-0000	25 mm wide strain relief plate.	-
Series 734 followed by 0035-0000	35 mm wide strain relief plate.	-
Series 734 followed by 0036-0000	55 mm wide strain relief plate.	-
Series 734 followed by 0046-0000	3.8 mm solder-pins.	<u>36</u>
Series 734 followed by 0106-0000	1.4 mm solder-pins.	-
Series 734 followed by 0109-0000	With threaded flanges.	<u>37</u>
Series 734 followed by 0119-0000	With threaded flanges and mounting flanges.	-
713-1492/0037-0000	24pin Panel feedthrough male connector	39
713-1498/0037-0000	36pin Panel feedthrough male connector	39

Note:

(++) All Models of series 733, 734, 2734, 713, 714 may be followed by optional suffix numbers e.g. 0733-0102/xxxx-xxxx/xxxx-xxxx (up to 40 digits) where "x" may be any number (including characters) to represent integrated release levers, special push buttons, any fixing method (e.g. fixing flanges, threaded flange, screw flange, snap in mounting feed, mounting flanges), pin length with the same current path, empty poles, strain-relief-plates, customer numbers, printing variants, color variants and other mechanical variations given for a specific end-use purpose and not affecting the electrical properties.

(+++) All models of series 733, 734, 2734, 713 and 714 may be donated with or without leading zeros, e.g. 733-102 or 0733-0102.

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 Cat. No. 713, 714, 733 and 734 pin header solder terminals are to be factory wired only and the suitability of the connection (including spacings between factory connectors) shall be determined in the end use.
2. Insulating Material of Series 733 and 734 only - R/C Plastic (QMFZ2). Refer to Sec. Gen. for manufacturer and type. The use of these materials shall be judged in the end-use application. These materials may be used interchangeably at 105°C.
- 2A. The insulating bodies of Series 713, 2734 and 714 are molded of polymeric materials, as specified in the following tabulation. The suitability of these materials shall be determined in the end use application.

Cat. Nos./Part	Material Manufacturer Name and Grade Designation	Base material Temperature Rating, °C
*713-1403 through 1418, 713-1423 through 1438, 713-1463 through 1478,		105 (generic)
714-132 through 146 714-162 through 166		125
713-1103 through 1118, 713-1492/0037-0000, 713-1498/0037-0000		105 (generic)
714-102 through 116		120
2734-102 through -124, 2734-202 through -220 / Insulating Body, Cover Plate		120
2734-102 through -124, 2734-202 through -220 / Push Button		120

2B. The insulating bodies of the pin headers Series 713, 714, 733, 734 followed by suffix /105-604 are molded of polymeric materials, as specified in the following tabulation. The suitability of these materials shall be determined in the end use application.

Series	Part	Material Manufacturer Name and Grade Designation	Base material Temperature Rating, °C
Pin headers Series 713, 714, 733, 734 followed by /105-604	Insulating Body		120

3. The cage-type clamping spring terminals comply with field wiring requirements in UL 486E Standard for Equipment Wiring Terminals, Third Edition.

*4. Optional accessories may be provided with these terminal blocks, such as marking strips, **end-plates, end-stops, strain-relief-plates, locking levers, test plug adaptors, shorting bus, bridges, jumpers** etc. The suitability of these accessories shall be determined in the **final combination of the** end products.

5. The terminal block contacts and mating header pin contacts have not been investigated for current interruption.

6. Series 733,734 and 713 followed by suffix /010-000 indicating contact pins with gold plating. The suitability of the plating shall be determined in the end-use equipment.

6A. Series 2734 followed by suffix /0010-000 indicating gold plated contacts. The suitability of the plating shall be determined in the end-use equipment.

7. Strip length as specified by manufacturer, is as follows:

Series	Strip length (mm)
733	5.0 - 6.0
713, 734	6.0 - 7.0
2734	8.0 - 9.0
714	9.0 - 10.0