

CERTIFICATE OF COMPLIANCE

Certificate Number 20150317-E302391
Report Reference E302391-20070221
Issue Date 2015-MARCH-17

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

COMPONENT - CABLE ASSEMBLIES AND FITTINGS
FOR INDUSTRIAL CONTROL AND SIGNAL
DISTRIBUTION

See Addendum Page.

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

Standard(s) for Safety: UL 2238, Safety for Cable Assemblies and Fittings for
Industrial Control and Signal Distribution.
CAN/CSA C22.2 No. 182.3-M1987, Special Use
Attachment Plugs, Receptacles, and Connectors.

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20150317-E302391
Report Reference E302391-20070221
Issue Date 2015-MARCH-17

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

Component Series 820, Cat. Nos. as follows:

Panel-Mounted Conductor Fittings, Cat. Nos. –

09 2447 00 03, 09 2447 100 03, 09 2447 214 03, 09 2447 300 03, 09 2447 310 03, 09 2447 320 03, 09 2446 00 03, 09 2446 100 03, 09 2449 214 04, 09 2446 300 03, 09 2446 310 03, 09 2446 320 03, 09 2446 330 03, 09 2247 330 03, 09 2446 180 03, 09 2447 180 03.

09 2449 00 04, 09 2449 100 04, 09 2449 300 04, 09 2449 310 04, 09 2449 320 04, 09 2449 325 04, 09 2448 00 04, 09 2448 100 04, 09 2448 300 04, 09 2448 310 04, 09 2448 320 04, 09 2448 330 04, 09 2449 330 04, 09 2448 180 04, 09 2449 180 04.

09 2451 00 05, 09 2451 100 05, 09 2451 300 05, 09 2451 310 05, 09 2451 320 05, 09 2450 00 05, 09 2450 100 05, 09 2450 300 05, 09 2450 310 05, 09 2450 320 05, 09 2450 330 05, 09 2451 330 05, 09 2450 180 05, 09 2451 180 05.

Female Cable Fitting Straight, Cat.Nos. –

99-2440-12-03, 99-2440-21-03, 99-2440-32-03, 99-2440-42-03, 99-2440-282-03, 99-2442-12-04, 99-2442-21-04, 99-2442-32-04, 99-2442-42-04, 99-2442-282-04, 99-2444-12-05, 99-2444-21-05, 99-2444-23-05, 99-2444-32-05, 99-2444-33-05, 99-2444-42-05, 99-2444-43-05, 99-2444-282-05.

Male Cable Fitting Straight, Cat. Nos. –

99-2441-12-03, 99-2441-21-03, 99-2441-32-03, 99-2441-42-03, 99-2441-282-03, 99-2443-12-04, 99-2443-21-04, 99-2443-32-04, 99-2443-42-04, 99-2443-282-04, 99-2445-12-05, 99-2445-21-05, 99-2445-23-05, 99-2445-32-05, 99-2445-33-05, 99-2445-42-05, 99-2445-43-05, 99-2445-282-05.

Female Cable Fitting Right Angle, Cat Nos. –

99-2440-52-03, 99-2440-62-03, 99-2440-72-03, 99-2442-52-04, 99-2442-62-04, 99-2442-72-04, 99-2444-52-05, 99-2444-62-05, 99-2444-63-05, 99-2444-72-05, 99-2444-73-05.

Male Cable Fitting Right Angle, Cat. Nos. –

99-2441-52-03, 99-2441-62-03, 99-2441-72-03, 99-2443-52-04, 99-2443-62-04, 99-2443-72-04, 99-2445-52-05, 99-2445-62-05, 99-2445-63-05, 99-2445-72-05, 99-2445-73-05.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20140909-E302391
Report Reference E302391-20140904
Issue Date 2014-SEPTEMBER-09

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**



COMPONENT - CABLE ASSEMBLIES AND FITTINGS
FOR INDUSTRIAL CONTROL AND SIGNAL
DISTRIBUTION
See Addendum.

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

Standard(s) for Safety: Standard for Safety for Cable Assemblies and Fittings for
Industrial Control and Signal Distribution, UL 2238.
Standard for Special Use Attachment Plugs, Receptacles
and Connectors, C22.2 No. 182.3-M1987.

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



William R. Carney, Director, North American Certification Programs
UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20140909-E302391
Report Reference E302391-20140904
Issue Date 2014-SEPTEMBER-09

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

USR, CNR – M8 Male Cable fitting,
Cat. No. 79 followed by -5812, followed by any 3 digits (xxx) designating noncritical variations of cable length, followed by -08.

USR, CNR – M12 Male Cable fitting,
Cat. No. 79 followed by -5809 or -5810, followed by any 3 digits (xxx) designating noncritical variations of cable length, followed by -08.

Male-to-Male configurations are not covered due to accessibility of live parts.



William R. Carney, Director, North American Certification Programs
UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20190123-E302391
Report Reference E302391-20150806
Issue Date 2019-JANUARY-23

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This certificate confirms that
representative samples of**

COMPONENT - CABLE ASSEMBLIES AND FITTINGS
FOR INDUSTRIAL CONTROL AND SIGNAL
DISTRIBUTION

Refer to addendum page for models

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:

UL 2238 - Cable Assemblies and Fittings for Industrial
control and Signal Distribution
CSA C22.2, No. 182.3-16 - Special Use Attachment Plugs,
Receptacles and Connectors

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

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20190123-E302391
Report Reference E302391-20150806
Issue Date 2019-JANUARY-23

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

Models:

USR, CNR – Inlet,

Series 713, Cat. No(s). 76 or 86 followed by suffixes: 01 thru 13, 21 thru 29 or 41 thru 48 or 70, followed by 31, followed by 0 thru 3, followed by 0 or 1, followed by 00, 01, 02, 03, 11, 13, 14, 16, 20 or 21, followed by 00 or any two digits, followed by 0 thru 6, followed by 04, 05, 08 or 12 followed by any other 4 digits.

Series 713, Cat. No(s) 09 3431 414 04, 09 3481 414 08 and 09 3481 415 08.

Series 715, Cat. No(s). 76 or 86 followed by suffixes: 01 thru 12, 21 thru 29 or 41 thru 48 or 70, followed by 33, followed by 0 thru 3, followed by 0 or 1, followed by 00, 01, 02, 03, 11, 13, 14, 16, 20 or 21 followed by 00 or any two digits, followed by 0 thru 6, followed by 04 or 05 followed by any other 4 digits.

Series 825, Cat. No(s). 76 or 86 followed by suffixes: 01 thru 12 or 21 thru 29, followed by 35, followed by 0 thru 3, followed by 0 or 1, followed by 00, 01, 02, 11, 13, 14, 16, 20 or 21 followed by 00 or any two digits, followed by 0 thru 6, followed by 04 followed by any other 4 digits.

USR, CNR – Outlet,

Series 713, Cat. No(s). 76 or 86 followed by suffixes: 01 thru 12, 21 thru 29 or 41 thru 48 or 70, followed by 32, followed by 0 thru 3, followed by 0 or 1, followed by 00, 01, 02, 03, 11, 13, 14, 16, 20 or 21, followed by 00 or any two digits, followed by 0 thru 6, followed by 04, 05, 08 or 12 followed by any other 4 digits.

Series 715, Cat. No(s). 76 or 86 followed by suffixes: 01 thru 09, 11, 12, 21 thru 29, 41 thru 45, followed by 34, followed by 0 thru 3, followed by 0 or 1, followed by 00, 01, 02 or 11, 13, 14, 16, 20 or 21, followed by 00 or any two digits, followed by 0 thru 6, followed by 04 or 05 followed by any other 4 digits.

Series 825, Cat. No(s). 76 or 86 followed by suffixes: 01 thru 12 or 21 thru 29, followed by 36, followed by 0 thru 3, followed by 0 or 1, followed by 00, 01, 02 or 11, 13, 14, 16, 20 or 21, followed by 00 or any two digits, followed by 0 thru 6, followed by 04, followed by any other 4 digits.

Male-to-Male configurations are not covered due to accessibility of live parts.

Bruce Mahrenholz, Director North American Certification Program
UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20160810-E302391
Report Reference E302391- 20160729
Issue Date 2016-AUGUST-10

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG, ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**


COMPONENT - CABLE ASSEMBLIES AND FITTINGS FOR
INDUSTRIAL CONTROL AND SIGNAL DISTRIBUTION
Refer to addendum page for Models/Product

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

Standard(s) for Safety: UL 2238 and C22.2 No. 182.3-M1987 - Standard for Standard for
Cable Assemblies and Fittings for Industrial Control and Signal
Distribution

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog
number, model number or other product designation as specified under "Marking" for the particular
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:
, may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20160810-E302391
Report Reference E302391- 20160729
Issue Date 2016-AUGUST-10

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

USR, CNR – Inlet,
Series 718, Cat. No(s). 76 or 86 followed by suffixes: 60 thru 63, 67 thru 70, followed by 19, followed by 0 thru 3, followed by 0 or 1, followed by 00, 01, 02 or, 11, 16, 20 or 21 followed by 00 or any two digits, followed by 0 thru 6, followed by 03, 04, 05, 06 or 08 followed by any other 4 digits.

USR, CNR – Outlet,
Series 718, Cat. No(s). 76 or 86 followed by suffixes: 60 or 62 thru 66 or 70, followed by 18, followed by 0 thru 3, followed by 0 or 1, followed by 00 or 01 or 11, 16, 20 or 21 followed by 00 or any two digits, followed by 0 thru 6, followed by 03, 04, 05, 06 or 08 followed by any other 4 digits.

Male-to-Male configurations are not covered due to accessibility of live parts.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>





CYJV2.E302391

Cable Assemblies and Fittings for Industrial Control and Signal Distribution - Component

[Page Bottom](#)

Cable Assemblies and Fittings for Industrial Control and Signal Distribution - Component

[See General Information for Cable Assemblies and Fittings for Industrial Control and Signal Distribution - Component](#)

FRANZ BINDER GMBH & CO. ELEKTRISCHE BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM, GERMANY

E302391

Panel-mounted conductor fittings, Series 820, Cat. Nos. 09 2447 00 03, 09 2447 100 03, 09 2447 300 03, 09 2447 310 03, 09 2447 320 03, 09 2446 00 03, 09 2446 100 03, 09 2446 300 03, 09 2446 310 03, 09 2446 320 03, 09 2449 00 04, 09 2449 100 04, 09 2449 300 04, 09 2449 310 04, 09 2449 320 04, 09 2449 325 04, 09 2448 00 04, 09 2448 100 04, 09 2448 300 04, 09 2448 310 04, 09 2448 320 04, 09 2451 00 05, 09 2451 100 05, 09 2451 300 05, 09 2451 310 05, 09 2451 320 05, 09 2450 00 05, 09 2450 100 05, 09 2450 300 05, 09 2450 310 05, 09 2450 320 05, 09 2446 330 03, 09 2247 330 03, 09 2446 180 03, 09 2447 180 03, 09 2248 330 04, 09 2449 330 04, 09 2448 180 04, 09 2449 180 04, 09 2450 330 05, 09 2451 330 05, 09 2450 180 05, 09 2451 180 05.

Female cable fitting straight, Cat. Nos. 99-2440-12-03, 99-2440-21-03, 99-2440-32-03, 99-2440-42-03, 99-2440-282-03, 99-2442-12-04, 99-2442-21-04, 99-2442-32-04, 99-2442-42-04, 99-2442-282-04, 99-2444-12-05, 99-2444-21-05, 99-2444-23-05, 99-2444-32-05, 99-2444-33-05, 99-2444-42-05, 99-2444-43-05, 99-2444-282-05.

Male cable fitting straight, Cat. Nos. 99-2441-12-03, 99-2441-21-03, 99-2441-32-03, 99-2441-42-03, 99-2441-282-03, 99-2443-12-04, 99-2443-21-04, 99-2443-32-04, 99-2443-42-04, 99-2443-282-04, 99-2445-12-05, 99-2445-21-05, 99-2445-23-05, 99-2445-32-05, 99-2445-33-05, 99-2445-42-05, 99-2445-43-05, 99-2445-282-05.

Female cable fitting right angle, Cat. Nos. 99-2440-52-03, 99-2440-62-03, 99-2440-72-03, 99-2442-52-04, 99-2442-62-04, 99-2442-72-04, 99-2444-52-05, 99-2444-62-05, 99-2444-63-05, 99-2444-72-05, 99-2444-73-05.

Male cable fitting right angle, Cat. Nos. 99-2441-52-03, 99-2441-62-03, 99-2441-72-03, 99-2443-52-04, 99-2443-62-04, 99-2443-72-04, 99-2445-52-05, 99-2445-62-05, 99-2445-63-05, 99-2445-72-05, 99-2445-73-05.

Female cable fittings, Series 714, Cat. Nos. 09-0440-010-04, 99-0440-016-04, 09-0440-000-04.

Inlets, Series 714, Cat. Nos. 09-0441-081-04, 09-0441-090-04.

Series 825, Cat. No. 09-5245-00-04.

Series 715, Cat. No. 09-5242-00-04.

Female cable fittings, Series 825, Cat. Nos. 99-3730-810-04, 99-3728-810-04, 99-3730-820-04, 99-3728-820-04, 09-5246-00-04.

Series 715, Cat. Nos. 99-1430-810-04, 99-1436-810-05, 99-1436-910-05, 99-1436-935-05, 99-1438-810-05, 99-1438-910-05, 99-1430-995-04, 99-1436-995-05, 99-1430-820-04, 99-1436-820-05, 99-1436-920-05, 99-1438-820-05, 99-0430-15-04, 99-0430-110-04, 99-0436-15-05, 99-0436-110-05, 99-0430-05-04, 99-0430-165-04, 99-0436-05-05, 99-0436-165-05.

Series 713, Cat. Nos. 99-0430-10-04, 99-0430-30-04, 99-0430-57-04, 99-0436-10-05, 99-0436-57-05, 99-0430-07-04, 99-0430-158-04, 99-0430-14-04, 99-0430-12-04, 99-0436-14-05, 99-0436-12-05, 99-0486-12-08, 99-0492-12-12, 99-0430-82-04, 99-0430-282-04, 99-0436-82-05, 99-0436-282-05, 99-0486-282-08, 99-0430-142-04, 99-0436-142-05, 99-0430-287-04, 99-0436-287-05, 99-0486-287-08, 99-0430-00-04, 99-0430-20-04, 99-0430-69-04, 99-0430-68-04, 99-0436-00-05, 99-0436-69-05, 99-0430-27-04, 99-0430-161-04, 99-0430-24-04, 99-0430-52-04, 99-0436-24-05, 99-0436-52-05, 99-0492-52-12, 99-0430-92-04, 99-0430-292-04, 99-0436-92-05, 99-0436-292-05, 99-1430-814-04, 99-1430-812-04, 99-1436-814-05, 99-1436-812-05, 99-1486-812-08, 99-1492-812-12, 99-1486-914-08, 99-1432-814-04, 99-1438-814-05, 99-1488-814-08, 99-1488-812-08, 99-1430-991-04, 99-1430-992-04, 99-1436-991-05, 99-1436-992-05, 99-1486-992-05, 99-1430-824-04, 99-1430-822-04, 99-1436-824-05, 99-1436-822-05, 99-1492-822-12, 99-1432-824-04, 99-1438-824-05.

Male cable fittings, Series 825, Cat. Nos. 99-3729-810-04, 99-3727-810-04, 99-3729-995-04, 99-3729-820-04, 99-3727-820-04, 09-5245-00-04.

Series 715, Cat. Nos. 99-1429-810-04, 99-1437-810-05, 99-1437-910-05, 99-1437-935-05, 99-1439-810-05, 99-1439-910-05, 99-1429-995-04, 99-1437-995-05, 99-1429-820-04, 99-1437-820-05, 99-1437-920-05, 99-1439-820-05, 99-0429-15-04, 99-0429-105-04, 99-0437-15-05, 99-0437-105-05, 99-0429-135-04, 99-0429-145-04, 99-0437-135-05, 99-0437-145-05.

Series 713, Cat. Nos. 99-0429-43-04, 99-0429-57-04, 99-0437-43-05, 99-0437-57-05, 99-0429-07-04, 99-0429-158-04, 99-0429-14-04, 99-0429-12-04, 99-0437-14-05, 99-0437-12-05, 99-0487-12-08, 99-0491-12-12, 99-0429-82-04, 99-0429-282-04, 99-0437-82-05, 99-0429-282-05, 99-0487-282-08, 99-0429-142-04, 99-0437-142-05, 99-0429-186-04, 99-0437-186-05, 99-0487-186-08, 99-0429-287-04, 99-0437-287-05, 99-0487-287-08, 99-0429-44-04, 99-0429-20-04, 99-0437-44-05, 99-0429-27-04, 99-0429-161-04, 99-0429-24-04, 99-0429-52-04, 99-0437-24-05, 99-0437-52-05, 99-0491-52-12, 99-0429-92-04, 99-0429-292-04, 99-0437-92-05, 99-0437-292-05, 99-0429-162-04, 99-0437-162-05, 99-0429-286-04, 99-0437-286-05, 99-1429-814-04, 99-1429-812-04, 99-1437-814-05, 99-1437-812-05, 99-1487-812-08, 99-1491-812-12, 99-1487-914-08, 99-1431-814-04, 99-1439-814-05.

, 99-1489-814-08, 99-1489-812-08, 99-1429-991-04, 99-1429-992-04, 99-1437-991-05, 99-1437-992-05, 99-1487-992-08, 99-1429-824-04, 99-1429-822-04, 99-1437-824-05, 99-1437-822-05, 99-1491-822-12, 99-1431-824-04, 99-1439-824-05.

Outlet, Series 825, Cat. No. 09-5246-00-04.

Cable assemblies, Series 423. Female cable connector with cable clamp, shieldable, size: 4 - 6mm, 6 - 8mm. Female cable connector, short version size: 4-8 mm. Female cable connector with shielding ring, size: 4 - 6mm, 6 - 8mm, 8-10mm. Female angled connector, shieldable size: 4 - 6mm, 6 - 8mm. Female socket solder connector. Size : 2-24 pole. Male angled connector, shieldable size: 4 - 6mm, 6 - 8mm. Male cable connector with cable clamp, shieldable size: 4 - 6mm, 6 - 8mm. Male cable connector, short version size: 4-8 mm. Male cable connector with shielding ring, size: 4 - 6mm, 6 - 8mm, 8-10mm. Male socket solder connector. Size : 2-24 pole.

Female socket, solder connector front fastened, size: 2-24 pole.

Female socket, dip solder, front fastened, size: 2-24 pole.

Male socket, solder connector front fastened, size: 2-24 pole.

Male socket, dip solder, front fastened, size: 2-24 pole.

Marking: Company name and catalog or series designation on device or carton.

Last Updated on 2013-01-24

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2013 UL LLC

When the UL Leaf Mark is on the product, or when the word "Environment" is included in the UL Mark, please search the [UL Environment database](#) for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2013 UL LLC".



CYJV8.E302391

Cable Assemblies and Fittings for Industrial Control and Signal Distribution
Certified for Canada - Component[Page Bottom](#)Cable Assemblies and Fittings for Industrial Control and Signal Distribution
Certified for Canada - Component[See General Information for Cable Assemblies and Fittings for Industrial Control and Signal Distribution Certified for Canada - Component](#)

FRANZ BINDER GMBH & CO. ELEKTRISCHE BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM, GERMANY

E302391

Panel-mounted conductor fittings, Series 820, Cat. Nos. 09 2447 00 03, 09 2447 100 03, 09 2447 300 03, 09 2447 310 03, 09 2447 320 03, 09 2446 00 03, 09 2446 100 03, 09 2446 300 03, 09 2446 310 03, 09 2446 320 03, 09 2449 00 04, 09 2449 100 04, 09 2449 300 04, 09 2449 310 04, 09 2449 320 04, 09 2449 325 04, 09 2448 00 04, 09 2448 100 04, 09 2448 300 04, 09 2448 310 04, 09 2448 320 04, 09 2451 00 05, 09 2451 100 05, 09 2451 300 05, 09 2451 310 05, 09 2451 320 05, 09 2450 00 05, 09 2450 100 05, 09 2450 300 05, 09 2450 310 05, 09 2450 320 05, 09 2446 330 03, 09 2247 330 03, 09 2446 180 03, 09 2447 180 03, 09 2248 330 04, 09 2449 330 04, 09 2448 180 04, 09 2449 180 04, 09 2450 330 05, 09 2451 330 05, 09 2450 180 05, 09 2451 180 05.

Female cable fitting straight, Cat. Nos. 99-2440-12-03, 99-2440-21-03, 99-2440-32-03, 99-2440-42-03, 99-2440-282-03, 99-2442-12-04, 99-2442-21-04, 99-2442-32-04, 99-2442-42-04, 99-2442-282-04, 99-2444-12-05, 99-2444-21-05, 99-2444-23-05, 99-2444-32-05, 99-2444-33-05, 99-2444-42-05, 99-2444-43-05, 99-2444-282-05.

Male cable fitting straight, Cat. Nos. 99-2441-12-03, 99-2441-21-03, 99-2441-32-03, 99-2441-42-03, 99-2441-282-03, 99-2443-12-04, 99-2443-21-04, 99-2443-32-04, 99-2443-42-04, 99-2443-282-04, 99-2445-12-05, 99-2445-21-05, 99-2445-23-05, 99-2445-32-05, 99-2445-33-05, 99-2445-42-05, 99-2445-43-05, 99-2445-282-05.

Female cable fitting right angle, Cat. Nos. 99-2440-52-03, 99-2440-62-03, 99-2440-72-03, 99-2442-52-04, 99-2442-62-04, 99-2442-72-04, 99-2444-52-05, 99-2444-62-05, 99-2444-63-05, 99-2444-72-05, 99-2444-73-05.

Male cable fitting right angle, Cat. Nos. 99-2441-52-03, 99-2441-62-03, 99-2441-72-03, 99-2443-52-04, 99-2443-62-04, 99-2443-72-04, 99-2445-52-05, 99-2445-62-05, 99-2445-63-05, 99-2445-72-05, 99-2445-73-05.

Female cable fittings, Series 714, Cat. Nos. 09-0440-010-04, 09-0440-016-04, 09-0440-000-04.

Inlets, Series 714, Cat. Nos. 09-0441-081-04, 09-0441-090-04.

Series 825, Cat. No. 09-5245-00-04.

Series 715, Cat. No. 09-5242-00-04.

Female cable fittings, Series 825, Cat. Nos. 99-3730-810-04, 99-3728-810-04, 99-3730-820-04, 99-3728-820-04, 09-5246-00-04.

Series 715, Cat. Nos. 99-1430-810-04, 99-1436-810-05, 99-1436-910-05, 99-1437-935-05, 99-1438-810-05, 99-1438-910-05, 99-1430-995-04, 99-1436-995-05, 99-1430-820-04, 99-1436-820-05, 99-1436-920-05, 99-1438-820-05, 99-0430-15-04, 99-0430-110-04, 99-0436-15-05, 99-0436-110-05, 99-0430-05-04, 99-0430-165-04, 99-0436-05-05, 99-0436-165-05.

Series 713, Cat. Nos. 99-0430-10-04, 99-0430-30-04, 99-0430-57-04, 99-0436-10-05, 99-0436-57-05, 99-0430-07-04, 99-0430-158-04, 99-0430-14-04, 99-0430-12-04, 99-0436-14-05, 99-0436-12-05, 99-0486-12-08, 99-0492-12-12, 99-0430-82-04, 99-0430-282-04, 99-0436-82-05, 99-0436-282-05, 99-0486-282-08, 99-0430-142-04, 99-0436-142-05, 99-0430-287-04, 99-0436-287-05, 99-0486-287-08, 99-0430-00-04, 99-0430-20-04, 99-0430-69-04, 99-0430-68-04, 99-0436-00-05, 99-0436-69-05, 99-0430-27-04, 99-0430-161-04, 99-0430-24-04, 99-0430-52-04, 99-0436-24-05, 99-0436-52-05, 99-0492-52-12, 99-0430-92-04, 99-0430-292-04, 99-0436-92-05, 99-0436-292-05, 99-1430-814-04, 99-1430-812-04, 99-1436-814-05, 99-1436-812-05, 99-1486-812-08, 99-1492-812-12, 99-1486-914-08, 99-1432-814-04, 99-1438-814-05, 99-1488-814-08, 99-1488-812-08, 99-1430-991-04, 99-1430-992-04, 99-1436-991-05, 99-1436-992-05, 99-1486-992-08, 99-1430-824-04, 99-1430-822-04, 99-1436-824-05, 99-1436-822-05, 99-1492-822-12, 99-1432-824-04, 99-1438-824-05.

Male cable fittings, Series 825, Cat. Nos. 99-3729-810-04, 99-3727-810-04, 99-3729-995-04, 99-3729-820-04, 99-3727-820-04, 09-5245-00-04.

Series 715, Cat. Nos. 99-1429-810-04, 99-1437-810-05, 99-1437-910-05, 99-1437-935-05, 99-1439-810-05, 99-1439-910-05, 99-1429-995-04, 99-1437-995-05, 99-1429-820-04, 99-1437-820-05, 99-1437-920-05, 99-1439-820-05, 99-0429-15-04, 99-0429-105-04, 99-0437-15-05, 99-0437-105-05, 99-0429-135-04, 99-0429-145-04, 99-0437-135-05, 99-0437-145-05, 09-5242-00-04.

Series 713, Cat. Nos. 99-0429-43-04, 99-0429-57-04, 99-0437-43-05, 99-0437-57-05, 99-0429-07-04, 99-0429-158-04, 99-0429-14-04, 99-0429-12-04, 99-0437-14-05, 99-0437-12-05, 99-0487-12-08, 99-0491-12-12, 99-0429-82-04, 99-0429-282-04, 99-0437-82-05, 99-0429-282-05, 99-0487-282-08, 99-0429-142-04, 99-0437-142-05, 99-0429-186-04, 99-0437-186-05, 99-0487-186-08, 99-0429-287-04, 99-0437-287-05, 99-0487-287-08, 99-0429-44-04, 99-0429-20-04, 99-0437-44-05, 99-0429-27-04, 99-0429-161-04, 99-0429-24-04, 99-0429-52-04, 99-0437-24-05, 99-0437-52-05, 99-0491-52-12, 99-0429-92-04, 99-0429-292-04, 99-0437-92-05, 99-0437-292-05, 99-0429-162-04, 99-0437-162-05, 99-0429-286-04, 99-0437-286-05, 99-1429-814-04, 99-1429-812-04, 99-1437-814-05, 99-1437-812-05, 99-1487-812-08, 99-1491-812-12, 99-1487-914-08, 99-1431-814-04, 99-1439-814-05.

, 99-1489-814-08, 99-1489-812-08, 99-1429-991-04, 99-1429-992-04, 99-1437-991-05, 99-1437-992-05, 99-1487-992-08, 99-1429-824-04, 99-1429-822-04, 99-1437-824-05, 99-1437-822-05, 99-1491-822-12, 99-1431-824-04, 99-1439-824-05.

Outlet, Series 825, Cat. No. 09-5246-00-04.

Cable assemblies, Series 423. Female cable connector with cable clamp, shieldable, size: 4 - 6mm, 6 - 8mm. Female cable connector, short version size: 4-8 mm. Female cable connector with shielding ring, size: 4 - 6mm, 6 - 8mm, 8-10mm. Female angled connector, shieldable size: 4 - 6mm, 6 - 8mm. Female socket solder connector. Size : 2-24 pole. Male angled connector, shieldable size: 4 - 6mm, 6 - 8mm. Male cable connector with cable clamp, shieldable size: 4 - 6mm, 6 - 8mm. Male cable connector, short version size: 4-8 mm. Male cable connector with shielding ring, size: 4 - 6mm, 6 - 8mm, 8-10mm. Male socket solder connector. Size : 2-24 pole.

Female socket, solder connector front fastened, size: 2-24 pole.

Female socket, dip solder, front fastened, size: 2-24 pole.

Male socket, solder connector front fastened, size: 2-24 pole.

Male socket, dip solder, front fastened, size: 2-24 pole.

Marking: Company name and catalog designation and Recognized Component Mark for Canada on device or carton.

Last Updated on 2013-01-24

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2013 UL LLC

When the UL Leaf Mark is on the product, or when the word "Environment" is included in the UL Mark, please search the [UL Environment database](#) for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2013 UL LLC".

CERTIFICATE OF COMPLIANCE

Certificate Number 20170201-E302391
Report Reference E302391-20110908
Issue Date 2017-FEBRUARY-01

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

COMPONENT - CABLE ASSEMBLIES AND FITTINGS
FOR INDUSTRIAL CONTROL AND SIGNAL
DISTRIBUTION

See addendum page for models

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

Standard(s) for Safety: UL 2238, Standard for Standard for Cable Assemblies and
Fittings for Industrial Control and Signal Distribution
C22.2 No. 182.3-16, Special Use Attachment Plugs,
Receptacles and Connectors

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20170201-E302391
Report Reference E302391-20110908
Issue Date 2017-FEBRUARY-01

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

Cable Assemblies, Series 423/425/723 as follows:

Female cable connector with cable clamp, solder, shieldable, size: 4 – 6mm, 6 - 8mm.
Female cable connector with cable clamp, screw clamp, size: 4 – 6mm, 6 - 8mm.
Female cable connector with cable clamp, crimp, size: 4 – 6mm, 6 - 8mm.
Female cable connector with cable clamp, crimp, short version size: 4 - 8mm.
Female angled, crimp, size: 4 – 6mm, 6 - 8mm.
Female cable connector, solder, short version size: 4-8 mm.
Female cable connector with shielding ring, solder, size: 4 - 6mm, 6 - 8mm, 8-10mm.
Female angled connector, solder, shieldable size: 4 - 6mm, 6 - 8mm.
Female socket solder connector, size: 2-24 pole.
Female socket crimp connector, size: 4-8 pole.
Female socket crimp connector, front fastened, size: 4-8 pole.
Female socket, solder connector front fastened, size: 2-24 pole.
Female socket, dip solder, front fastened, size: 2-24 pole.
Female socket, rectangular, solder, size: 2-19 pole.
Female socket, rectangular, crimp, size: 4-8 pole.
Female socket, rectangular, with single wires, size: 4-8 pole.

Male angled connector, solder, shieldable size: 4 - 6mm, 6 - 8mm.
Male cable connector with cable clamp, solder, shieldable size: 4 - 6mm, 6 - 8mm.
Male cable connector with cable clamp, screw clamp, size: 4 – 6mm, 6 - 8mm.
Male cable connector with cable clamp, crimp, size: 4 – 6mm, 6 - 8mm.
Male cable connector with cable clamp, crimp, short version size: 4 - 8mm.
Male angled, crimp, size: 4 – 6mm, 6 - 8mm.
Male cable connector, solder, short version size: 4-8 mm.
Male cable connector with shielding ring, solder, size: 4 - 6mm, 6 - 8mm, 8-10mm.
Male socket solder connector, size: 2-24 pole.
Male socket crimp connector, size: 4-8 pole.
Male socket crimp connector, front fastened, size: 4-8 pole.
Male socket, solder connector front fastened, size: 2-24 pole.
Male socket, dip solder, front fastened, size: 2-24 pole.
Male socket, rectangular, solder, size: 2-19 pole.
Male socket, rectangular, crimp, size: 4-8 pole.
Male socket, rectangular, with single wires, size: 4-8 pole.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20180620-E302391
Report Reference E302391-20130110
Issue Date 2018-JUNE-20

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**


COMPONENT - CABLE ASSEMBLIES AND FITTINGS
FOR INDUSTRIAL CONTROL AND SIGNAL
DISTRIBUTION
See Addendum

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

Standard(s) for Safety: See Addendum

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog
number, model number or other product designation as specified under "Marking" for the particular
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:
 may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20180620-E302391
Report Reference E302391-20130110
Issue Date 2018-JUNE-20

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

Models:

USR, CNR – Female Cable fittings,

Series 825, Cat. Nos. 99-3730-810-04, 99-3728-810-04, 99-3730-820-04, 99-3728-820-04, 09-5246-00-04.

Series 715, Cat. Nos. 99-1430-810-04, 99-1436-810-05, 99-1436-910-05, 99-1436-935-05, 99-1432-810-04, 99-1438-810-05, 99-1438-910-05, 99-1430-995-04, 99-1436-995-05, 99-1430-820-04, 99-1436-820-05, 99-1436-920-05, 99-1432-820-04, 99-1438-820-05, 99-0430-15-04, 99-0430-25-04, 99-0430-110-04, 99-0430-135-04, 99-0430-225-04, 99-0430-235-04, 99-0436-15-05, 99-0436-25-05, 99-0436-110-05, 99-0436-135-05, 99-0436-225-05, 99-0436-235-05, 99-0430-05-04, 99-0430-165-04, 99-0436-05-05, 99-0436-165-05, 99 1434 810 04, 99 1434 820 04.

Series 713, Cat. Nos. 99-0430-10-04, 99-0430-30-04, 99-0430-57-04, 99-0436-10-05, 99-0436-57-05, 99-0430-07-04, 99-0430-158-04, 99-0430-14-04, 99-0430-12-04, 99-0436-14-05, 99-0436-12-05, 99-0486-12-08, 99-0492-12-12, 99-0430-82-04, 99-0430-282-04, 99-0436-82-05, 99-0436-282-05, 99-0486-282-08, 99-0430-142-04, 99-0436-142-05, 99-0430-287-04, 99-0436-287-05, 99-0486-287-08, 99-0430-00-04, 99-0430-20-04, 99-0430-69-04, 99-0430-68-04, 99-0436-00-05, 99-0436-69-05, 99-0430-27-04, 99-0430-161-04, 99-0430-24-04, 99-0430-52-04, 99-0436-24-05, 99-0436-52-05, 99-0492-52-12, 99-0430-92-04, 99-0430-292-04, 99-0436-92-05, 99-0436-292-05, 99-1430-814-04, 99-1430-812-04, 99-1436-814-05, 99-1436-812-05, 99-1486-812-08, 99-1492-812-12, 99-1486-914-08, 99-1432-814-04, 99-1438-814-05, 99-1488-814-08, 99-1488-812-08, 99-1430-991-04, 99-1430-992-04, 99-1436-991-05, 99-1436-992-05, 99-1486-992-08, 99-1430-824-04, 99-1430-822-04, 99-1436-824-05, 99-1436-822-05, 99-1488-824-08, 99-1492-822-12, 99-1432-824-04, 99-1438-824-05, 99-0486-186-08, 99-0436-186-05, 99-0430-186-04, 99 0530 14 04, 99 0530 12 04, 99 0530 24 04, 99 0530 52 04, 99 1434 814 04, 99 1434 824 04.

USR, CNR – Male Cable fitting,

Series 825, Cat. Nos. 99-3729-810-04, 99-3727-810-04, 99-3729-995-04, 99-3729-820-04, 99-3727-820-04, 09-5245-00-04.

Series 715, Cat. Nos. 99-1429-810-04, 99-1437-810-05, 99-1437-910-05, 99-1437-935-05, 99-1431-810-04, 99-1439-810-05, 99-1439-910-05, 99-1429-995-04, 99-1437-995-05, 99-1429-820-04, 99-1437-820-05, 99-1437-920-05, 99-1431-820-04, 99-1439-820-05. 99-0429-15-04, 99-0429-105-04, 99-0437-15-05, 99-0437-105-05, 99-0429-135-04, 99-0429-145-04, 99-0437-135-05, 99-0437-145-05, 09-5242-00-04, 99 1433 810 04, 99 1433 820 04.

Series 713, Cat. Nos. 99-0429-43-04, 99-0429-57-04, 99-0437-43-05, 99-0437-57-05, 99-0429-07-04, 99-0429-158-04, 99-0429-14-04, 99-0429-12-04, 99-0437-14-05, 99-0437-12-05, 99-0487-12-08, 99-



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20180620-E302391
Report Reference E302391-20130110
Issue Date 2018-JUNE-20

0491-12-12, 99-0429-82-04, 99-0429-282-04, 99-0437-82-05, 99-0437-282-05, 99-0487-282-08, 99-0429-142-04, 99-0437-142-05, 99-0429-186-04, 99-0437-186-05, 99-0487-52-08, 99-0487-186-08, 99-0429-287-04, 99-0437-287-05, 99-0487-287-08, 99-0429-44-04, 99-0429-20-04, 99-0437-44-05, 99-0429-27-04, 99-0429-161-04, 99-0429-24-04, 99-0429-52-04, 99-0437-24-05, 99-0437-52-05, 99-0491-52-12, 99-0429-92-04, 99-0429-292-04, 99-0437-92-05, 99-0437-292-05, 99-0429-162-04, 99-0437-162-05, 99-0429-286-04, 99-0437-286-05, 99-1429-814-04, 99-1429-812-04, 99-1437-814-05, 99-1437-812-05, 99-1487-812-08, 99-1489-824-08, 99-1491-812-12, 99-1487-914-08, 99-1431-814-04, 99-1439-814-05, 99-1489-814-08, 99-1489-812-08, 99-1429-991-04, 99-1429-992-04, 99-1437-991-05, 99-1437-992-05, 99-1487-992-08, 99-1429-824-04, 99-1429-822-04, 99-1437-824-05, 99-1437-822-05, 99-1491-822-12, 99-1431-824-04, 99-1439-824-05, 99 0529 14 04, 99 0529 12 04, 99 0529 24 04, 99 0529 52 04, 99 1433 814 04, 99 1433 824 04.

USR, CNR –

Outlet, Series 825, Cat. No. 09-5246-00-04.

Inlet, Series 825, Cat. No. 09-5245-00-04. Series 715, Cat. No. 09-5242-00-04.

USR, CNR – Male Panel Mount connector,

Series 763, Cat. Nos. 99-3433-100-04, 99-3443-100-05, 99-3483-100-08.

Male-to-Male configurations are not covered due to accessibility of live parts.

Standards: UL 2238, Cable Assemblies and Fittings for Industrial control and Signal Distribution, CSA C22.2, No. 182.3-16, Special Use Attachment Plugs, Receptacles and Connectors



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20130320-E302391
Report Reference E302391-20130308
Issue Date 2013-MARCH-20

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

COMPONENT - CABLE ASSEMBLIES AND FITTINGS
FOR INDUSTRIAL CONTROL AND SIGNAL
DISTRIBUTION



See Addendum Page

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

Standard(s) for Safety: See Addendum Page

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



William R. Carney, Director, North American Certification Programs

UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20130320-E302391
Report Reference E302391-20130308
Issue Date 2013-MARCH-20

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

Standards for Safety:

UL 2238, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution.
CSA C22.2 No.182.3-M1987, Special Use Attachment Plugs, Receptacles and Connectors.

Products Covered:

Female Outlets; M8 PCB Series 718, Cat. Nos. 99 3390 280 04, 99 3390 281 04, 99 3390 282 04, 99 3412 280 03, 99 3412 281 03, and 99 3412 282 03. M12 PCB Series 763, 766, and 876, Cat. Nos. 99 3432 200 04, 99 3432 202 04, 99 3432 458 04, 99 3432 601 04, 99 3442 200 05, 99 3442 202 05, 99 3442 458 05, 99 3442 601 05, 99 3482 200 08, 99 3482 458 08, 99 3732 200 04, 99 3732 201 04, 99 3732 202 04, 99 3732 203 04, 99 4442 200 05, 99 4442 202 05, 99 4442 458 05, 99 4442 601 05.

Male Inlets; M8 PCB Series 718, Cat. Nos. 99 3391 282 04 and 99 3403 282 03. M12 PCB Series 763, 766, and 876, Cat. Nos. 99 3431 200 04, 99 3431 202 04, 99 3431 458 04, 99 3431 601 04, 99 3441 200 05, 99 3441 202 05, 99 3441 458 05, 99 3441 601 05, 99 3481 200 08, 99 3481 458 08, 99 3731 200 04, 99 3731 201 04, 99 3731 202 04, 99 3731 203 04, 99 4445 200 05, 99 4445 202 05, 99 4445 458 05, 99 4445 601 05.



William R. Carney, Director, North American Certification Programs
UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20180302-E302391
Report Reference E302391-20140203
Issue Date 2018-MARCH-02

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG, ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

COMPONENT - CABLE ASSEMBLIES AND FITTINGS
FOR INDUSTRIAL CONTROL AND SIGNAL
DISTRIBUTION

Refer to Addendum page for Models/Product

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


Standard(s) for Safety:

UL 2238 and CAN/CSA C22.2 No. 182.3-16 Safety for
Cable Assemblies and Fittings for Industrial Control and
Signal Distribution

Additional Information:

See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog
number, model number or other product designation as specified under "Marking" for the particular
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:
 may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20180302-E302391
Report Reference E302391-20140203
Issue Date 2018-MARCH-02

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

USR, CNR – Female Cable fittings,
Series 813, Cat. Nos. 99-0630-19-04, 99-0630-24-04, 99-0630-32-04, 99-0630-58-04, 99-1632-814-04, 99-1632-812-04.
Series 814, Cat. Nos. 99-0686-19-03, 99-0686-48-03, 99-0690-19-04, 99-0690-24-04, 99-0690-32-04, 99-0690-58-04.
Series Power 713, Cat. Nos. 99-0430-19-04, 99-0430-58-04, 99-0436-19-05, 99-0436-58-05.

USR, CNR – Male Cable fitting,
Series 813, Cat. Nos. 99-0629-19-04, 99-0629-24-04, 99-0629-32-04, 99-0629-58-04, 99-1631-814-04, 99-1631-812-04.
Series 814, Cat. Nos. 99-0685-19-03, 99-0685-48-03, 99-0689-19-04, 99-0689-24-04, 99-0689-32-04, 99-0689-58-04.
Series Power 713, Cat. Nos. 99-0429-19-04, 99-0429-58-04, 99-0437-19-05, 99-0437-58-05.

USR, CNR – Outlet,
Series 813, Cat. Nos. 99-0634-500-04, 09-0632-700-04, 09-0632-120-04, 09-0632-90-04, 09-0632-070-04, 09-0632-642-04.
Series 814, Cat. Nos. 99-0694-500-04, 09-0688-700-03, 09-0692-700-04, 09-0692-121-04, 09-0692-642-04, 09-0692-70-04.
Series Power 713, Cat. Nos. 99-0432-500-04, 99-0434-500-05, 99-0382-500-08, 09-3432-433-04, 09-3432-437-04, 09-3442-433-05.

USR, CNR – Inlet,

Series 813, Cat. Nos. 99-0633-500-04, 09-0631-700-04, 09-0631-120-04, 09-0631-90-04, 09-0631-83-04, 09-0631-070-04, 09-0631-642-04.

Series 814, Cat. Nos. 99-0693-500-04, 09-0687-700-03, 09-0691-700-04, 09-0691-121-04, 09-0691-642-04, 09-0691-70-04.

Series Power 713, Cat. Nos. 99-0431-500-04, 99-0433-500-05, 99-0381-500-08, 09-3431-433-04, 09-3431-437-04, 09-3441-433-05.

Male-to-Male configurations are not covered due to accessibility of live parts.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20170720-E302391
Report Reference E302391-20140401
Issue Date 2017-JULY-20

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

COMPONENT - CABLE ASSEMBLIES AND FITTINGS
FOR INDUSTRIAL CONTROL AND SIGNAL
DISTRIBUTION

See Addendum Page

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


Standard(s) for Safety:

UL 2238, Cable Assemblies and Fittings for Industrial
Control and Signal Distribution
C22.2 No. 182.3-M1987, Special Use Attachment Plugs,
Receptacles and Connectors

Additional Information:

See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog
number, model number or other product designation as specified under "Marking" for the particular
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:
 may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20170720-E302391
Report Reference E302391-20140401
Issue Date 2017-JULY-20

Look for the UL Certification Mark on the product.

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

Cable Assemblies, Cat. Nos. 99 6501 000 08, 99 6502 000 08, 99 6517 000 12, 99 6518 000 12, 99 6489 000 05 and 99 6490 000 05.

Panel Mount Fittings, Cat. Nos. 09 6504 000 08, 09 6503 000 08, 09 6519 000 12, 09 6520 000 12, 09 6491 000 05 and 09 6492 000 05.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20150220-E302391
Report Reference E302391-20110705
Issue Date 2015-FEBRUARY-20

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

CABLE ASSEMBLIES AND FITTINGS FOR INDUSTRIAL
CONTROL AND SIGNAL DISTRIBUTION

See Addendum Page

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

Standard(s) for Safety: UL 2238 and C22.2 No. 182.3-M1987, Cable Assemblies
and Fittings for Industrial Control and Signal Distribution

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20150220-E302391
Report Reference E302391-20110705
Issue Date 2015-FEBRUARY-20

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

Male Cable Fittings - Series 718, Cat. Nos. 77, followed by 3405, 3403, 3705 and 3703 followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8 followed by 00, 01, 03, 10, 12, 13 or 20 followed by 03, 04 or 06, followed by any four digits (XXXX).

Female Cable Fittings - Series 718, Cat. Nos. 77, followed by 3406, 3408, 3608, 3208, 3706, 3708 and 3808 followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8 followed by 00, 01, 03, 10, 12, 13 or 20 followed by 03, 04 or 06, followed by any four digits (XXXX).

Cable Assemblies - Series 718, Cat. Nos. 77, followed by 3405, 3403, 3406, 3408, 3608, 3208, 3705, 3703, 3706, 3708, or 3808, followed by 3405, 4303, 3406, 3408, 3608, 3208, 3705, 3703, 3706, 3708, or 3808, followed by 2, 3, 4, 5, 6, 7 or 8 followed by 00, 01, 03, 10, 12, 13 or 20 followed by 03, 04 or 06, followed by any four digits (XXXX).

Male-to-Male configurations are not covered due to accessibility of live parts.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20180629-E302391
Report Reference E302391-20120427
Issue Date 2018-JUNE-29

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27, 74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

CABLE ASSEMBLIES AND FITTINGS FOR INDUSTRIAL
CONTROL AND SIGNAL DISTRIBUTION
Refer to Addendum page for Models/Product

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

Standard(s) for Safety:

UL 2238 - Standard for Cable Assemblies and Fittings for
Industrial Control and Signal Distribution
C22.2 No. 182.3-16 - Standard for Special Use Attachment
Plugs, Receptacles and Connectors

Additional Information:

See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20180629-E302391
Report Reference E302391-20120427
Issue Date 2018-JUNE-29

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

USL, CNL Male Cable Fittings, Series 763, Cat. Nos. 77 followed by 2527, 2529, 2827, 2829, 2927, 2929, 3227, 3229, 3327, 3329, 3427, 3429, 3527, 3529, 3627, 3629, 3727, 3729, 3827, 3829, 4627 or 4629, followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8, followed by 00, 01, 03, 07, 10, 11, 12, 13, 17, 18, 20, 21, 30 or 37, followed by 03, 04, 05, 08 or 12, followed by any four digits (XXXX).

USL, CNL Male Double Cable Fittings, Series 765, Cat. Nos. 77 followed by 9805, 9827, 9829, 9831, 9857, 9867, 9875, 9877, 9885 followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8 followed by 00 followed by 03, 04 or 05 followed by any four digits (XXXX).

USL, CNL Male Cable Fittings, Series 763, Cat. Nos. 77 followed by, 9827 or 9829 followed by 0000, followed by 2, 3, 4, 6, 7 or 8 followed by 03 or 13 followed by 03, 04 or 05 followed by any four digits (XXXX).

USL, CNL Male Cable Fittings, Series 766, Cat. Nos. 77 followed by 4227, 4229, 4327, 4329, 4427, 4429, 4927 or 4929, followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8, followed by 00, 01, 03, 07, 10, 11, 12, 13, 17, 18, 20, 21, 30 or 37, followed by 02, 03, 04 or 05, followed by any four digits (XXXX).

USL, CNL Male Cable Fittings, Series 866, Cat. Nos. 77 followed by 4703, 4705, 4727, 4729, 4827 or 4829, followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8, followed by 00, 01, 03, 07, 10, 11, 12, 13, 17, 18, 20, 21, 30 or 37, followed by 03, 04 or 05, followed by any four digits (XXXX).

USL, CNL Male Cable Fittings, Series 876, Cat. Nos. 77 followed by 4527 or 4529, followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8, followed by 00, 01, 03, 07, 10, 11, 12, 13, 17, 18, 20, 21, 30 or 37, followed by 03, 04, 05 or 08 followed by any four digits (XXXX).

USL, CNL Male Cable Fittings, Series F&B, Cat. No. 77 followed by 3729 or 3727, followed by 0000, followed by 2 followed by 04 or 09, followed by 03, 04, 05, 08 or 12, followed by any four digits (XXXX).

USL, CNL Female Cable Fittings, Series 763, Cat. No. 77 followed by 2530, 2534, 2830, 2834, 2930, 2934, 3030, 3034, 3134, 3230, 3234, 3330, 3334, 3430, 3434, 3530, 3534, 3630, 3634, 3730, 3734, 3830, 3834, 3930, 3934, 4630, 4634 or 5134, followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8 followed by 00, 01, 03, 07, 10, 11, 12, 13, 17, 18, 20, 21, 30 or 37, followed by 03, 04, 05, 08 or 12, followed by any four digits (XXXX).

USL, CNL Female Double Cable Fittings, Series 765, Cat. Nos. 77 followed by 9806, 9830, 9832 or 9868 followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8 followed by 00 followed by 03, 04 or 05 followed by any four digits (XXXX).



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20180629-E302391
Report Reference E302391-20120427
Issue Date 2018-JUNE-29

USL, CNL Female Cable Fittings, Series 763, Cat. Nos. 77 followed by 9830, 9834, 9836 or 9838 followed by 0000, followed by 2, 3, 4, 6, 7 or 8 followed by 03 or 13 followed by 03, 04 or 05 followed by any four digits (XXXX).

USL, CNL Female Cable Fittings, Series 766, Cat. No. 77 followed by 4230, 4234, 4330, 4334, 4430, 4434, 4930 or 4934, followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8 followed by 00, 01, 03, 07, 10, 11, 12, 13, 17, 18, 20, 21, 30 or 37, followed by 02, 03, 04 or 05, followed by any four digits (XXXX).

USL, CNL Female Cable Fittings, Series 866, Cat. No. 77 followed by 4706, 4708, 4730, 4734, 4830 or 4834, followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8 followed by 00, 01, 03, 07, 10, 11, 12, 13, 17, 18, 20, 21, 30 or 37, followed by 03, 04 or 05, followed by any four digits (XXXX).

USL, CNL Female Cable Fittings, Series 876, Cat. No. 77 followed by 4530 or 4534, followed by 0000, followed by 2, 3, 4, 5, 6, 7 or 8 followed by 00, 01, 03, 07, 10, 11, 12, 13, 17, 18, 20, 21, 30 or 37, followed by 03, 04, 05 or 08, followed by any four digits (XXXX).

USL, CNL Female Cable Fittings, Series F&B, Cat. No. 77 followed by 3730 or 3734, followed by 0000, followed by 2 followed by 04 or 09, followed by 03, 04, 05, 08 or 12, followed by any four digits (XXXX).

USL, CNL Cable Assemblies, Series 763, 766, 866 or 876, Cat. No. 77 followed by 2527, 2529, 2827, 2829, 2927, 2929, 3227, 3229, 3327, 3329, 3427, 3429, 3527, 3529, 3627, 3629, 3727, 3729, 3827, 3829, 4227, 4229, 4327, 4329, 4427, 4429, 4527, 4529, 4627, 4629, 4703, 4705, 4727, 4729, 4827, 4829, 4927, 4929, 2530, 2534, 2830, 2834, 2930, 2934, 3030, 3034, 3134, 3230, 3234, 3330, 3334, 3430, 3434, 3530, 3534, 3630, 3634, 3730, 3734, 3830, 3834, 3930, 3934, 4230, 4234, 4330, 4334, 4430, 4434, 4530, 4534, 4630, 4634, 4706, 4708, 4730, 4734, 4830, 4834, 4930, 4934 or 5134, followed by 2530, 2534, 2830, 2834, 2930, 2934, 3030, 3034, 3134, 3230, 3234, 3330, 3334, 3430, 3434, 3530, 3534, 3630, 3634, 3730, 3734, 3830, 3834, 3930, 3934, 4230, 4234, 4330, 4334, 4430, 4434, 4530, 4534, 4630, 4634, 4706, 4708, 4730, 4734, 4830, 4834, 4930, 4934, 5134, 2527, 2529, 2827, 2829, 2927, 2929, 3227, 3229, 3327, 3329, 3427, 3429, 3527, 3529, 3627, 3629, 3727, 3729, 3827, 3829, 4227, 4229, 4327, 4329, 4427, 4429, 4527, 4529, 4627, 4629, 4703, 4705, 4727, 4729, 4827, 4829, 4927 or 4929 followed by 2, 3, 4, 5, 6, 7 or 8, followed by 00, 01, 03, 07, 10, 11, 12, 13, 17, 18, 20, 21, 30 or 37, followed by 02, 03, 04, 05, 08 or 12, followed by any four digits (XXXX).

USL, CNL Double Cable Assemblies, Series 765 (M12-2xM8/M12) Cat. Nos. 77 followed by 9827, 9829, 9830, 9831, 9832, 9857, 9867, 9868, 9875, 9877 or 9885 followed by 3403, 3405, 3406, 3408, 3608, 3208, 3703, 3705, 3706, 3708, 3808, 2530, 2534, 2830, 2834, 2930, 2934, 3030, 3034, 3134, 3230, 3234, 3330, 3334, 3430, 3434, 3630, 3634, 3730, 3734, 3830, 3834, 3930, 3934, 4230, 4234, 4430, 4434, 4630, 4634, 4706, 4708, 4730, 4734, 4830, 4834, 5134, 2527, 2529, 2827, 2829, 2927, 2929, 3227, 3229, 3327, 3329, 3427, 3429, 3627, 3629, 3727, 3729, 3827, 3829, 4227, 4229, 4427, 4429, 4627, 4629, 4703, 4705, 4727, 4729, 4827, 4829 or 4927 followed by 2, 3, 4, 5, 6, 7 or 8 followed by 00, 01, 03, 07, 10, 11, 12, 13, 17, 18, 20, 21, 30 or 37 followed by 03, 04 or 05 followed by any four digits (XXXX).

USL, CNL Double Cable Assemblies, Series 765 (M8-2xM8/M12) Cat. Nos. 77 followed by 9805 or 9806 followed by 3403, 3405, 3406, 3408, 3608, 3208, 3703, 3705, 3706, 3708, 3808, 2530, 2534,



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20180629-E302391
Report Reference E302391-20120427
Issue Date 2018-JUNE-29

2830, 2834, 2930, 2934, 3030, 3034, 3134, 3230, 3234, 3330, 3334, 3430, 3434, 3630, 3634, 3730, 3734, 3830, 3834, 3930, 3934, 4230, 4234, 4430, 4434, 4630, 4634, 4706, 4708, 4730, 4734, 4830, 4834, 5134, 2527, 2529, 2827, 2829, 2927, 2929, 3227, 3229, 3327, 3329, 3427, 3429, 3627, 3629, 3727, 3729, 3827, 3829, 4227, 4229, 4427, 4429, 4627, 4629, 4703, 4705, 4727, 4729, 4827, 4829 or 4927 followed by 2, 3, 4, 5, 6, 7 or 8 followed by 00, 01, 03, 07, 10, 11, 12, 13, 17, 18, 20, 21, 30 or 37 followed by 03, 04 or 05 followed by any four digits (XXXX).

USL, CNL Cable Assemblies, Series 763, Cat. Nos. 77 followed by 9827, 9829, 9830, 9834, 9836 or 9838 followed by 9830, 9834, 9836, 9838, 9827 or 9829 followed by 2, 3, 4, 6, 7 or 8 followed by 03 or 13 followed by 03, 04 or 05 followed by any four digits (XXXX).

USL, CNL Cable Assemblies, Series 718-763 (M8-M12) Cat. No. 77 followed by 3208, 3403, 3405, 3406, 3408, 3608, 3703, 3705, 3706, 3708, 3808, 2827, 2829, 2830, 2834, 2927, 2929, 2930, 2934, 3030, 3034, 3134, 3227, 3229, 3230, 3234, 3327, 3329, 3330, 3334, 3427, 3429, 3430, 3434, 3627, 3629, 3630, 3634, 3727, 3729, 3730, 3734, 3827, 3829, 3830, 3834, 3930, 3934, 4627, 4629 or 5134 followed by 3403, 3405, 3406, 3408, 3608, 3208, 3703, 3705, 3706, 3708, 3808, 2827, 2829, 2830, 2834, 2927, 2929, 2930, 2934, 3030, 3034, 3134, 3227, 3229, 3230, 3234, 3327, 3329, 3330, 3334, 3427, 3429, 3430, 3434, 3627, 3629, 3630, 3634, 3727, 3729, 3730, 3734, 3827, 3829, 3830, 3834, 3930, 3934, 4627, 4629 or 5134 followed by 2, 3, 4, 5, 6, 7 or 8, followed by 00, 01, 03, 10, 12, 13 or 20 followed by 03 or 04, followed by any four digits (XXXX).

USL, CNL Cable Assemblies, Series 718-766 (M8-M12) Cat. No. 77 followed by 3208, 3403, 3405, 3406, 3408, 3608, 3703, 3705, 3706, 3708, 3808, 4227, 4229, 4230, 4234, 4427, 4429, 4430, 4434 or 5134 followed by 3403, 3405, 3406, 3408, 3608, 3208, 3703, 3705, 3706, 3708, 3808, 4227, 4229, 4230, 4234, 4427, 4429, 4430, 4434 or 5134 followed by 2, 3, 4, 5, 6, 7 or 8, followed by 00, 01, 03, 10, 12, 13 or 20 followed by 03 or 04, followed by any four digits (XXXX).

USL, CNL Cable Assemblies, Series 763-870 (M12-7/8"), Cat. No. 77 followed by 2527, 2529, 2530 or 2534 followed by 1527, 1529, 1530 or 1534 followed by 2, 5 or 6, followed by 00, 01, 07, 10, 11, 17, 20, 21, 30 or 37 followed by 05, followed by any four digits (XXXX).

USL, CNL Cable Assemblies, Series F&B, Cat. No. 77 followed by 3730 or 3734, followed by 3729 or 3727, followed by 2, followed by 04 or 09, followed by 03, 04, 05, 08 or 12, followed by any four digits (XXXX).

Male-to-Male configurations are not covered due to accessibility of live parts.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20150220-E302391
Report Reference E302391-20121011
Issue Date 2015-FEBRUARY-20

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

CABLE ASSEMBLIES AND FITTINGS FOR INDUSTRIAL
CONTROL AND SIGNAL DISTRIBUTION

See Addendum Page

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

Standard(s) for Safety: UL 2238 and C22.2 No. 182.3-M1987, Cable Assemblies
and Fittings for Industrial Control and Signal Distribution

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20150220-E302391
Report Reference E302391-20121011
Issue Date 2015-FEBRUARY-20

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

Male Cable Fittings, Series 870, Cat. Nos. 77 followed by 1329, 1327, 1429, 1427, 1529 or 1527 followed by 0000, followed by 1, 2, 3, 4, 5, 6, 7 or 8, followed by 00, 01, 03, 10, 11, 13, 20, 21 or 30, followed by 03, 04 or 05, followed by any four digits (XXXX).

Female Cable Fittings, Series 870, Cat. Nos. 77 followed by 1330, 1334, 1430, 1434, 1530 or 1534 followed by 0000, followed by 1, 2, 3, 4, 5, 6, 7 or 8, followed by 00, 01, 03, 10, 11, 13, 20, 21 or 30, followed by 03, 04 or 05, followed by any four digits (XXXX).

Cable Assemblies, Series 870, Cat. Nos. 77 followed by 1329, 1327, 1429, 1427, 1529 or 1527 followed by 1330, 1334, 1430, 1434, 1530 or 1534 followed by 1, 2, 3, 4, 5, 6, 7 or 8, followed by 00, 01, 03, 10, 11, 13, 20, 21, or 30, followed by 03, 04, or 05, followed by any four digits (XXXX).

Cable Assemblies, Series 870, Cat. Nos. 77 followed by 1330, 1334, 1430, 1434, 1530 or 1534 followed by 1329, 1327, 1429, 1427, 1529 or 1527 followed by 1, 2, 3, 4, 5, 6, 7 or 8, followed by 00, 01, 03, 10, 11, 13, 20, 21, or 30, followed by 03, 04, or 05, followed by any four digits (XXXX).

Male-to-Male configurations are not covered due to accessibility of live parts.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20150622-E302391
Report Reference E302391-20150619
Issue Date 2015-JUNE-22

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

CABLE ASSEMBLIES AND FITTINGS FOR INDUSTRIAL
CONTROL AND SIGNAL DISTRIBUTION

USL, CNL - SERIES 768, Cable Connectors,
Male/Female, Catalog Nos. 99 3400 00 03, 99 3376 00 04,
99 3400 100 03, 99 3376 100 04, 99 3385 00 03, 99 3387
00 04, 99 3379 110 03, 99 3383 110 04, 99 3365 00 03, 99
3367 00 04, 99 3379 00 03, 99 3383 00 04, 99 3379 100
03, 99 3383 100 04, 99 3361 00 03, 99 3363 00 04, 99
3361 100 03, 99 3363 100 04, 99 3361 300 03, 99 3363
300 04, 99 3402 00 03, 99 3378 00 04, 99 3400 110 03, 99
3376 110 04, 99 3364 00 03, 99 3366 00 04, 99 3360 00
03, 99 3362 00 04, 99 3360 100 03, 99 3362 100 04, 99
3360 300 03, 99 3362 300 04.

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

Standard(s) for Safety: UL 2238 and CAN/CSA C22.2 No. 182.3-M1987 - Standard
for Safety for Cable Assemblies and Fittings for Industrial
Control and Signal Distribution.

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20170622-E302391
Report Reference E302391-20170622
Issue Date 2017-JUNE-22

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

CABLE ASSEMBLIES AND FITTINGS FOR INDUSTRIAL
CONTROL AND SIGNAL DISTRIBUTION

See Addendum for Models

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

Standard(s) for Safety: UL 2238 & C22.2 No. 182.3, Cable Assemblies and Fittings
for Industrial Control and Signal Distribution

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20170622-E302391
Report Reference E302391-20170622
Issue Date 2017-JUNE-22

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

Y-Splitter, Series cable to M8, Cat. Nos. 79 5232 33 04.

Y-Splitter, Series cable to M12, Cat. Nos. 79 5236 33 04, 79 5238 10 04, 79 5238 20 04.

Y-Splitter, Series M8 to M8, Cat. Nos. 79 5280 00 04 and 79 5232 70 04.

Y-Splitter, Series M12 to M8, Cat. Nos. 79 5204 00 04, 79 5232 90 04 and 79 5232 00 04.

Y-Splitter, Series M12 to M12, Cat. Nos. 79 5200 00 04, 79 5207 00 05, 79 5208 00 05, 79 5210 00 05, 79 5211 00 08, 79 5256 100 05, 79 5236 00 04, 79 5236 90 04, 79 5236 40 05, 79 5210 17 05, 79 5212 00 05, 79 5238 00 04, 79 5254 100 04, 79 5255 100 05 and 79 5255 533 05.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20160129- E363498
Report Reference E363498-20130927
Issue Date 2016-January-29

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

COMPONENT - COMMUNICATIONS-,
AUDIO/VIDEO-, DATA- AND OTHER SIGNALING-
CIRCUIT ACCESSORIES

M12 Socket Connectors, Models 09 3782 91 08, 09 3782
95 08, 09 3782 200 08, 99 3782 200 08, 99 3782 210 08,
09 3782 202 08, 99 3782 202 08, 99 3782 213 08, 70 3784
xxx 08, 79 3784 xxx 08, 79 9724 xxx 08, and 79 9725 xxx
08 (xxx denotes customer options).

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

Standard(s) for Safety: UL 1863- Communications-Circuit Accessories
CAN/CSA C22.2, No 182.4-M90- for Plugs, Receptacles,
and Connectors for Communication Systems

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20161129-E363498
Report Reference E363498-20161122
Issue Date 2016-NOVEMBER-29

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM GERMANY

**This is to certify that
representative samples of**

COMMUNICATIONS-, AUDIO/VIDEO-, DATA- AND
OTHER SIGNALING-CIRCUIT ACCESSORIES

M12 Socket Connectors, Models 79 9724 xxx 08, and 79
9725 xxx 08 where xxx denotes customer options
All part numbers may be followed by suffixes indicating
color, packaging, and/or customer preferences

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

Standard(s) for Safety: UL 1863 - Standard for Communications Circuit
Accessories
CAN/CSA C22.2 No. 182.4-M90 - Standard for Plugs,
Receptacles, and Connectors for Communication Systems

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20190114-E475844
Report Reference E475844-20150523
Issue Date 2019-JANUARY-14

Issued to: Franz Binder GmbH & Co. Elektrische Bauelemente KG
Roetelstrasse 27
74172 Neckarsulm GERMANY

**This certificate confirms that
representative samples of**

LOW-VOLTAGE LIGHTING SYSTEMS, POWER UNITS,
LUMINAIRES AND FITTINGS
Refer to addendum page for models

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

Standard(s) for Safety:

UL 2108 - Low Voltage Lighting Systems
CSA C22.2 No.250.0-18 - Luminaires
UL 8750 - Light Emitting Diode (LED)
Equipment for Use in Lighting Products

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 Mark. Only the UL Follow-Up Services Procedure 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.

Bruce Mahrenholz, Director North American Certification Program
UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20190114-E475844
Report Reference E475844-20150523
Issue Date 2019-JANUARY-14

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

Models

USL and CNL – Low Voltage, Class 2 LED Luminaires, Models 28 1200 000 04, 28 1200 002 04; 28 1201 000 04, 28 1201 002 04, 28 1202 000 04, 28 1202 002 04, 28 1203 000 04, 28 1204 000 04, 28 1205 000 04, 28 1300 000 04, 28 1300 002 04, 28 1301 000 04, 28 1301 002 04, 28 1302 000 04, 28 1302 002 04, 28 1303 000 04, 28 1304 000 04 and 28 1305 000 04.

Bruce Mahrenholz, Director North American Certification Program
UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>





ECBT2.E93427

Connectors for Use in Data, Signal, Control and Power Applications - Component

[Page Bottom](#)

Connectors for Use in Data, Signal, Control and Power Applications - Component

[See General Information for Connectors for Use in Data, Signal, Control and Power Applications - Component](#)

FRANZ BINDER GMBH & CO. ELEKTRISCHE BAUELEMENTE KG

E93427

ROETELSTRASSE 27

74172 NECKARSULM, GERMANY

Appliance inlets, "693-3 Series", Model(s) 09-4203-00-07, 09-4219-00-07, 09-4219-150-07, 09-4223-00-04, 09-4223-150-04, 09-4227-00-07

Attachment plugs, angle, "713 Series", Model(s) 99-0429-24-04, 99-0429-377-04, 99-0429-52-04, 99-0437-24-05, 99-0437-377-05, 99-0437-52-05

Attachment plugs, angle, "815 Series", Model(s) 99-2429-24-03, 99-2429-52-03

Attachment plugs, angle, "820 Series", Model(s) 99-2441-152-03, 99-2441-52-03, 99-2441-552-03, 99-2443-152-04, 99-2443-52-04, 99-2443-552-04, 99-2445-152-05, 99-2445-52-05, 99-2445-552-05

Attachment plugs, right angle, "693-1 Series", Model(s) 99-4201-70-07, 99-4217-70-07, 99-4221-70-04, 99-4225-70-07

Attachment plugs, straight, "693-1 Series", Model(s) 99-4201-00-07, 99-4201-110-07, 99-4201-14-07, 99-4201-160-07, 99-4201-300-07, 99-4217-00-07, 99-4217-110-07, 99-4217-14-07, 99-4217-160-07, 99-4217-300-07, 99-4221-00-04, 99-4221-110-04, 99-4221-14-04, 99-4221-160-04, 99-4221-300-04, 99-4225-00-07, 99-4225-110-07, 99-4225-14-07, 99-4225-160-07, 99-4225-300-07

Attachment plugs, straight, "713 Series", Model(s) 09-0439-369-04, 09-0449-384-05, 09-0429-12-04, 99-0429-14-04, 99-0429-378-04, 99-0437-12-05, 99-0437-14-05, 99-0437-378-05

Attachment plugs, straight, "715 Series", Model(s) 09-0439-370-04, 09-0449-395-05

Attachment plugs, straight, "717 Series", Model(s) 09-0529-21-05

Attachment plugs, straight, "815 Series", Model(s) 09-2431-00-03, 09-2431-09-03, 09-2431-19-03, 09-2431-20-01, 09-2431-84-02, 09-2431-85-02, 99-2429-12-03, 99-2429-14-03

Attachment plugs, straight, "820 Series", Model(s) 99-2441-112-03, 99-2441-12-03, 99-2441-132-03, 99-2441-21-03, 99-2441-32-03, 99-2441-42-03, 99-2441-512-03, 99-2441-532-03, 99-2443-112-04, 99-2443-12-04, 99-2443-132-04, 99-2443-21-04, 99-2443-32-04, 99-2443-42-04, 99-2443-512-04, 99-2443-532-04, 99-2445-112-05, 99-2445-12-05, 99-2445-132-05, 99-2445-21-05, 99-2445-32-05, 99-2445-42-05, 99-2445-512-05, 99-2445-532-05

Attachment plugs, straight, Model(s) 09-0449-887-05, 09-0449-888-05

Connector bodies, "MSD3 Series (Size A serial 210)", Model(s) 43-1700-XXX-03, 43-1702-XXX-04

Connector bodies, "MSD6 Series (Size B-Ind. serial 225)", Model(s) 43-1830-XXX-03

Connector bodies, "MSD8 Series (Size B-DIN serial 220)", Model(s) 43-1800-XXX-03

Connectors, Model(s) 99-3376 500-04, 99-3376 550-04, 99-3379 550-03, 99-3379-500-03, 99-3383 500-04, 99-3383 550-04, 99-3400 500-03, 99-3400 550-03

Connectors cord connectors, right angle, "693-2 Series", Model(s) 99-4202-70-07, 99-4218-70-07, 99-4222-70-04, 99-4226-70-07

Cord connectors, angle, "713 Series", Model(s) 09-0439-388-04, 09-0439-389-04, 09-0449-388-05, 09-0449-389-05, 99-0430-24-04, 99-0430-377-04, 99-0430-52-04, 99-0436-24-05, 99-0436-377-05, 99-0436-52-05

Cord connectors, angle, "815 Series", Model(s) 99-2430-24-03, 99-2430-52-03

Cord connectors, angle, "820 Series", Model(s) 09-3390-00-04, 09-3390-140-04, 09-3390-151-04, 09-3390-80-04, 09-3391-00-04, 09-3391-140-04, 09-3391-151-04, 09-3391-81-04, 09-3403-00-03, 09-3403-140-03, 09-3403-151-03, 09-3403-81-03, 09-3412-00-03, 09-3412-140-03, 09-3412-151-03, 09-3412-80-03, 09-3431-00-04, 09-3431-213-04, 09-3431-214-04, 09-3431-22-04, 09-3431-700-04, 09-3431-705-04, 09-3431-722-04, 09-3431-723-04, 09-3432-00-04, 09-3432-213-04, 09-3432-214-04, 09-3432-22-04, 09-3432-700-04, 09-3432-705-04, 09-3432-722-04, 09-3432-723-04, 09-3441-00-05, 09-3441-213-05, 09-3441-214-05, 09-3441-22-05, 09-3441-369-05, 09-3441-700-05, 09-3441-705-05, 09-3441-722-05, 09-3441-723-05, 09-3441-87-05, 09-3441-90-05, 09-3441-991-05, 09-3442-00-05, 09-3442-213-05, 09-3442-214-05, 09-3442-22-05, 09-3442-369-05, 09-3442-700-05, 09-3442-705-05, 09-3442-722-05, 09-3442-723-05, 09-3442-90-05, 99-2440-152-03, 99-2440-52-03, 99-2440-552-03, 99-2442-152-04, 99-2442-52-04, 99-2442-552-04, 99-2444-152-05, 99-2444-52-05, 99-2444-552-05

Cord connectors, straight, "693-2 Series", Model(s) 99-4202-00-07, 99-4202-110-07, 99-4202-14-07, 99-4202-160-07, 99-4202-300-07, 99-4218-00-07, 99-4218-110-07, 99-4218-14-07, 99-4218-160-07, 99-4218-300-07, 99-4222-00-04, 99-4222-110-04, 99-4222-14-04, 99-4222-160-04, 99-4222-300-04, 99-4226-00-07, 99-4226-110-07, 99-4226-14-07, 99-4226-160-07, 99-4226-300-07

Cord connectors, straight, "713 Series", Model(s) 99-0430-12-04, 99-0430-14-04, 99-0430-378-04, 99-0436-12-05, 99-0436-14-05, 99-0436-378-05

Cord connectors, straight, "815 Series", Model(s) 99-2430-12-03, 99-2430-14-03

Cord connectors, straight, "820 Series", Model(s) 99-2440-112-03, 99-2440-12-03, 99-2440-132-03, 99-2440-21-03, 99-2440-32-03, 99-2440-42-03, 99-2440-512-03, 99-2440-532-03, 99-2442-112-04, 99-2442-12-04, 99-2442-132-04, 99-2442-21-04, 99-2442-32-04, 99-2442-42-04, 99-2442-512-04, 99-2442-532-04, 99-2444-112-05, 99-2444-12-05, 99-2444-132-05, 99-2444-21-05, 99-2444-32-05, 99-2444-42-05, 99-2444-512-05, 99-2444-532-05

Plug, Model(s) "SP1 Series (Size A serial 210)", Model(s) 43-f/b 1701, 1709, 1713, 1717 or 1721 followed by XXX, followed by 03 (Report Date: 1994-02-10) and Model(s) 43 followed by 1703, 1711, 1715, 1719 or 1723 followed by XXX, followed by 04

Receptacles, "693-4 Series", Model(s) 09-4204-00-07, 09-4220-00-07, 09-4220-150-07, 09-4224-00-04, 09-4224-150-04, 09-4228-00-07
 , "693-1 Series", Model(s) 99-4201-210-07, 99-4201-215-07, 99-4217-210-07, 99-4217-215-07, 99-4221-210-04, 99-4221-215-04, 99-4225-210-07, 99-4225-215-07
 , "693-2 Series", Model(s) 99-4202-210-07, 99-4202-215-07, 99-4218-210-07, 99-4218-215-07, 99-4222-210-04, 99-4222-215-04, 99-4226-210-07, 99-4226-215-07
 , "693-3 Series", Model(s) 09-4227-111-07

Note - All models may be followed by a one to eight alphanumeric suffix (any combination of letters and/or numbers) designating non-electrical variations such as color, customer identification, packaging or plating options.



Marking: Company name or trademark and model designation on the device or carton.

Last Updated on 2016-09-30

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2016 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2016 UL LLC".

CERTIFICATE OF COMPLIANCE

Certificate Number 20131206-E93427
Report Reference E93427-19960130
Issue Date 2013-DECEMBER-06

Issued to: FRANZ BINDER GMBH & CO. ELEKTRISCHE
BAUELEMENTE KG
ROETELSTRASSE 27,
74172 NECKARSULM GERMANY.

**This is to certify that
representative samples of**

COMPONENT - CONNECTORS FOR USE IN DATA, SIGNAL,
CONTROL AND POWER APPLICATIONS
See Addendum Page for Models/Product

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



Standard(s) for Safety:

UL 1977, Component Connectors for Use in Data, Signal, Control
and Power Applications.
CAN/CSA C22.2 No. 182.3-M1987, Special Use Attachment
Plugs, Receptacles and Connectors

Additional Information:

See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



William R. Carney, Director, North American Certification Programs

UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20131206-E93427
Report Reference E93427-19960130
Issue Date 2013-DECEMBER-06

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

USR, CNR - Component - Receptacles, Cord Connectors, Attachment Plugs Series 713, 715, 717, 815 and 820.

The Cat. Nos. for the above series may be identified as follows:

Series 713:

ATTACHMENT PLUGS, STRAIGHT:

99-0429-14-04,-378-04,09-0439-369-04,09-0439-389-04,09-0439-388-04,99-0429-12-04,99-0437-14-05,-378-05,09-0449-384-05, 09-0449-389-05,09-0449-388-05,09-0449-887-05,09-0449-888-05,99-0437-12-05

ATTACHMENT PLUGS, ANGLE: 99-0429-24-04,-377-04 ,99-0429-52-04,99-0437-52-05, 99-0437-24-05,-377-05

CORD CONNECTORS, STRAIGHT: 99-0430-14-04,-378-04, 99-0430-12-04,99-0436-14-05,-378-05,99-0436-12-05,

CORD CONNECTORS, ANGLE: 99-0430-24-04,-377-04,99-0430-52-04,99-0436-24-05,-377-05,99-0436-52-05

Series 715:

ATTACHMENT PLUGS, STRAIGHT: 09-0439-370-04, 09-0449-395-05

Series 717:

ATTACHMENT PLUGS, STRAIGHT : 09-0529-21-05

Series 815:

ATTACHMENT PLUGS, STRAIGHT: 09-2431-00-03, 09-2431-09-03,99-2429-14-03,99-2429-12-03, 09-2431-19-03, 09-2431-20-01, 09-2431-84-02,09-2431-85-02.

ATTACHMENT PLUGS, ANGLE: 99-2429-24-03, 99-2429-52-03

CORD CONNECTOR, STRAIGHT: 99-2430-14-03, 99-2430-12-03



William R. Carney, Director, North American Certification Programs
UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus



CERTIFICATE OF COMPLIANCE

Certificate Number 20131206-E93427
Report Reference E93427-19960130
Issue Date 2013-DECEMBER-06

CORD CONNECTOR, ANGLE: 99-2430-24-03, 99-2430-52-03

Series 820:

ATTACHMENT PLUGS, STRAIGHT: 99-2441-12-03,99-2441-21-03,99-2441-32-03,99-2441-42-03,99-2443-12-04,99-2443-21-04,99-2443-32-04,99-2443-42-04,99-2445-12-05,99-2445-21-05,99-2445-32-05,99-2445-42-05

ATTACHMENT PLUGS, ANGLE: 99-2441-52-03, 99-2443-52-04, 99-2445-52-05

CORD CONNECTOR, STRAIGHT: 99-2440-12-03,99-2440-21-03,99-2440-32-03,99-2440-42-03,99-2442-12-04,99-2442-21-04,99-2442-32-04,99-2442-42-04,99-2444-12-05,99-2444-21-05,99-2444-32-05,99-2444-42-05

CORD CONNECTOR, ANGLE: 99-2440-52-03,99-2442-52-04,99-2444-52-05



William R. Carney, Director, North American Certification Programs
UL LLC

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 a local UL Customer Service Representative at www.ul.com/contactus





ECBT2.E93427

Connectors for Use in Data, Signal, Control and Power Applications - Component

[Page Bottom](#)

Connectors for Use in Data, Signal, Control and Power Applications - Component

[See General Information for Connectors for Use in Data, Signal, Control and Power Applications - Component](#)

FRANZ BINDER GMBH & CO. ELEKTRISCHE BAUELEMENTE KG
ROETELSTRASSE 27
74172 NECKARSULM, GERMANY

E93427

Appliance inlets, "693-3 Series", Model(s) 09-4203-00-07, 09-4219-00-07, 09-4219-150-07, 09-4223-00-04, 09-4223-150-04, 09-4227-00-07

Attachment plugs, angle, "713 Series", Model(s) 99-0429-24-04, 99-0429-377-04, 99-0429-52-04, 99-0437-24-05, 99-0437-377-05, 99-0437-52-05

Attachment plugs, angle, "815 Series", Model(s) 99-2429-24-03, 99-2429-52-03

Attachment plugs, angle, "820 Series", Model(s) 99-2441-152-03, 99-2441-52-03, 99-2441-552-03, 99-2443-152-04, 99-2443-52-04, 99-2443-552-04, 99-2445-152-05, 99-2445-52-05, 99-2445-552-05

Attachment plugs, right angle, "693-1 Series", Model(s) 99-4201-70-07, 99-4217-70-07, 99-4221-70-04, 99-4225-70-07

Attachment plugs, straight, "693-1 Series", Model(s) 99-4201-00-07, 99-4201-110-07, 99-4201-14-07, 99-4201-160-07, 99-4201-300-07, 99-4217-00-07, 99-4217-110-07, 99-4217-14-07, 99-4217-160-07, 99-4217-300-07, 99-4221-00-04, 99-4221-110-04, 99-4221-14-04, 99-4221-160-04, 99-4221-300-04, 99-4225-00-07, 99-4225-110-07, 99-4225-14-07, 99-4225-160-07, 99-4225-300-07

Attachment plugs, straight, "713 Series", Model(s) 09-0439-369-04, 09-0449-384-05, 09-0429-12-04, 99-0429-14-04, 99-0429-378-04, 99-0437-12-05, 99-0437-14-05, 99-0437-378-05

Attachment plugs, straight, "715 Series", Model(s) 09-0439-370-04, 09-0449-395-05

Attachment plugs, straight, "717 Series", Model(s) 09-0529-21-05

Attachment plugs, straight, "815 Series", Model(s) 09-2431-00-03, 09-2431-09-03, 09-2431-19-03, 09-2431-20-01, 09-2431-84-02, 09-2431-85-02, 99-2429-12-03, 99-2429-14-03

Attachment plugs, straight, "820 Series", Model(s) 99-2441-112-03, 99-2441-12-03, 99-2441-132-03, 99-2441-21-03, 99-2441-32-03, 99-2441-42-03, 99-2441-512-03, 99-2441-532-03, 99-2443-112-04, 99-2443-12-04, 99-2443-132-04, 99-2443-21-04, 99-2443-32-04, 99-2443-42-04, 99-2443-512-04, 99-2443-532-04, 99-2445-112-05, 99-2445-12-05, 99-2445-132-05, 99-2445-21-05, 99-2445-32-05, 99-2445-42-05, 99-2445-512-05, 99-2445-532-05

Attachment plugs, straight, Model(s) 09-0449-887-05, 09-0449-888-05

Connector bodies, "MSD3 Series (Size A serial 210)", Model(s) 43-1700-XXX-03, 43-1702-XXX-04

Connector bodies, "MSD6 Series (Size B-Ind. serial 225)", Model(s) 43-1830-XXX-03

Connector bodies, "MSD8 Series (Size B-DIN serial 220)", Model(s) 43-1800-XXX-03

Connectors, Model(s) 99-3376 500-04, 99-3376 550-04, 99-3379 550-03, 99-3379-500-03, 99-3383 500-04, 99-3383 550-04, 99-3400 500-03, 99-3400 550-03

Connectors cord connectors, right angle, "693-2 Series", Model(s) 99-4202-70-07, 99-4218-70-07, 99-4222-70-04, 99-4226-70-07

Cord connectors, angle, "713 Series", Model(s) 09-0439-388-04, 09-0439-389-04, 09-0449-388-05, 09-0449-389-05, 99-0430-24-04, 99-0430-377-04, 99-0430-52-04, 99-0436-24-05, 99-0436-377-05, 99-0436-52-05

Cord connectors, angle, "815 Series", Model(s) 99-2430-24-03, 99-2430-52-03

Cord connectors, angle, "820 Series", Model(s) 09-3390-00-04, 09-3390-140-04, 09-3390-151-04, 09-3390-80-04, 09-3391-00-04, 09-3391-140-04, 09-3391-151-04, 09-3391-81-04, 09-3403-00-03, 09-3403-140-03, 09-3403-151-03, 09-3403-81-03, 09-3412-00-03, 09-3412-140-03, 09-3412-151-03, 09-3412-80-03, 09-3431-00-04, 09-3431-213-04, 09-3431-214-04, 09-3431-22-04, 09-3431-700-04, 09-3431-705-04, 09-3431-722-04, 09-3431-723-04, 09-3432-00-04, 09-3432-213-04, 09-3432-214-04, 09-3432-22-04, 09-3432-700-04, 09-3432-705-04, 09-3432-722-04, 09-3432-723-04, 09-3441-00-05, 09-3441-213-05, 09-3441-214-05, 09-3441-22-05, 09-3441-369-05, 09-3441-700-05, 09-3441-705-05, 09-3441-722-05, 09-3441-723-05, 09-3441-87-05, 09-3441-90-05, 09-3441-991-05, 09-3442-00-05, 09-3442-213-05, 09-3442-214-05, 09-3442-22-05, 09-3442-369-05, 09-3442-700-05, 09-3442-705-05, 09-3442-722-05, 09-3442-723-05, 09-3442-90-05, 99-2440-152-03, 99-2440-52-03, 99-2440-552-03, 99-2442-152-04, 99-2442-52-04, 99-2442-552-04, 99-2444-152-05, 99-2444-52-05, 99-2444-552-05

Cord connectors, straight, "693-2 Series", Model(s) 99-4202-00-07, 99-4202-110-07, 99-4202-14-07, 99-4202-160-07, 99-4202-300-07, 99-4218-00-07, 99-4218-110-07, 99-4218-14-07, 99-4218-160-07, 99-4218-300-07, 99-4222-00-04, 99-4222-110-04, 99-4222-14-04, 99-4222-160-04, 99-4222-300-04, 99-4226-00-07, 99-4226-110-07, 99-4226-14-07, 99-4226-160-07, 99-4226-300-07

Cord connectors, straight, "713 Series", Model(s) 99-0430-12-04, 99-0430-14-04, 99-0430-378-04, 99-0436-12-05, 99-0436-14-05, 99-0436-378-05

Cord connectors, straight, "815 Series", Model(s) 99-2430-12-03, 99-2430-14-03

Cord connectors, straight, "820 Series", Model(s) 99-2440-112-03, 99-2440-12-03, 99-2440-132-03, 99-2440-21-03, 99-2440-32-03, 99-2440-42-03, 99-2440-512-03, 99-2440-532-03, 99-2442-112-04, 99-2442-12-04, 99-2442-132-04, 99-2442-21-04, 99-2442-32-04, 99-2442-42-04, 99-2442-512-04, 99-2442-532-04, 99-2444-112-05, 99-2444-12-05, 99-2444-132-05, 99-2444-21-05, 99-2444-32-05, 99-2444-42-05, 99-2444-512-05, 99-2444-532-05

Plug, Model(s) "SP1 Series (Size A serial 210)", Model(s) 43-f/b 1701, 1709, 1713, 1717 or 1721 followed by XXX, followed by 03 (Report Date: 1994-02-10) and Model(s) 43 followed by 1703, 1711, 1715, 1719 or 1723 followed by XXX, followed by 04

Receptacles, "693-4 Series", Model(s) 09-4204-00-07, 09-4220-00-07, 09-4220-150-07, 09-4224-00-04, 09-4224-150-04, 09-4228-00-07
 , "693-1 Series", Model(s) 99-4201-210-07, 99-4201-215-07, 99-4217-210-07, 99-4217-215-07, 99-4221-210-04, 99-4221-215-04, 99-4225-210-07, 99-4225-215-07
 , "693-2 Series", Model(s) 99-4202-210-07, 99-4202-215-07, 99-4218-210-07, 99-4218-215-07, 99-4222-210-04, 99-4222-215-04, 99-4226-210-07, 99-4226-215-07
 , "693-3 Series", Model(s) 09-4227-111-07

Note - All models may be followed by a one to eight alphanumeric suffix (any combination of letters and/or numbers) designating non-electrical variations such as color, customer identification, packaging or plating options.



Marking: Company name or trademark and model designation on the device or carton.

Last Updated on 2016-09-30

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2016 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2016 UL LLC".