

# CERTIFICATE

Issued to:

Applicant:

Adels-Contact Elektrotechnische Fabrik GmbH & Co.  
KG

Buchholzstrasse 40-46  
51469 Bergisch Gladbach, Germany

Licensee:

Adels-Contact Elektrotechnische Fabrik GmbH & Co.  
KG

Buchholzstrasse 40-46  
51469 Bergisch Gladbach, Germany

Product : Factory-wired Installation couplers  
Trade name(s) : AC  
Type(s)/model(s) : AC 164

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) EN IEC 61535:2019
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 900462

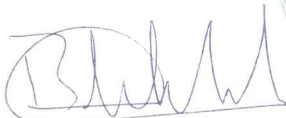
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 1 July 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-124334

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	:	Factory-wired Installation couplers
Trade name(s)	:	AC
Type(s)/model(s)	:	AC 164
Rated current	:	16 A
Rated voltage	:	250 V, 250 / 400 V
Application	:	AC
Number of poles	:	2-5 pole
Rated impulse voltage	:	4 kV
Design	:	rewirable installation couplers with conductors
Degree of protection	:	IP 20 / IP 40 mated
Location of installation	:	non-readily accessible
Type of terminals	:	screw terminals
Existence of an earthing contact	:	with or without
Type of conductors to be connected	:	flexible

**TESTS****Test requirements**

EN IEC 61535:2019

**Test result**

The test results are laid down in DEKRA test file 225495400, 226631000.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

Adels-Contact Elektrotechnische Fabrik GmbH & Co. KG  
Buchholzstrasse 40-46  
51469 Bergisch Gladbach, Germany



## Type coding of AC 164 cables

	AC 164	ALSB	/515	PB/SW	100	H5V	SW	ECA
	I	II	III	IV	V	VI	VII	VIII
I Grundtype Basic series	AC 164							
II Ausführung Construction	ALBS, ALSS	Anschlussleitung, Buchse / Stecker, wiederanschießbar, Schraubklemmstelle, mit Zugentlastung, mit Verriegelung Connection cable, Plug / Connector, rewirable, screw type terminal, with strain relief, with retaining means						
	VLS	Verbindungsleitung, wiederanschießbar, Schraubklemmstelle, mit Zugentlastung, mit Verriegelung Extension cable, connector / plug, rewirable, screw type terminal, with strain relief, with retaining means						
	NLBS	Netzanschlussleitung, wiederanschießbar, Schraubklemmstelle, mit Zugentlastung, mit Verriegelung Power cord, connector / plug, rewirable, screw type terminal, with strain relief, with retaining means						
III Polzahl / Querschnitt  Number of poles / Cross section area	/2075	2-polig, mit 0,75 mm <sup>2</sup> Leitung / 2-pole, with 0,75 mm <sup>2</sup> cable						
	/210	2-polig, mit 1,0 mm <sup>2</sup> Leitung / 2-pole, with 1,0 mm <sup>2</sup> cable						
	/215	2-polig, mit 1,5 mm <sup>2</sup> Leitung / 2-pole, with 1,5 mm <sup>2</sup> cable						
	/225	2-polig, mit 2,5 mm <sup>2</sup> Leitung / 2-pole, with 2,5 mm <sup>2</sup> cable						
	/3075	3-polig, mit 0,75 mm <sup>2</sup> Leitung / 3-pole, with 0,75 mm <sup>2</sup> cable						
	/310	3-polig, mit 1,0 mm <sup>2</sup> Leitung / 3-pole, with 1,0 mm <sup>2</sup> cable						
	/315	3-polig, mit 1,5 mm <sup>2</sup> Leitung / 3-pole, with 1,5 mm <sup>2</sup> cable						
	/325	3-polig, mit 2,5 mm <sup>2</sup> Leitung / 3-pole, with 2,5 mm <sup>2</sup> cable						
	/4075	4-polig, mit 0,75 mm <sup>2</sup> Leitung / 4-pole, with 0,75 mm <sup>2</sup> cable						
	/410	4-polig, mit 1,0 mm <sup>2</sup> Leitung / 4-pole, with 1,0 mm <sup>2</sup> cable						
	/415	4-polig, mit 1,5 mm <sup>2</sup> Leitung / 4-pole, with 1,5 mm <sup>2</sup> cable						
	/425	4-polig, mit 2,5 mm <sup>2</sup> Leitung / 4-pole, with 2,5 mm <sup>2</sup> cable						
	/5075	5-polig, mit 0,75 mm <sup>2</sup> Leitung / 5-pole, with 0,75 mm <sup>2</sup> cable						
	/510	5-polig, mit 1,0 mm <sup>2</sup> Leitung / 5-pole, with 1,0 mm <sup>2</sup> cable						
	/515	5-polig, mit 1,5 mm <sup>2</sup> Leitung / 5-pole, with 1,5 mm <sup>2</sup> cable						
/525	5-polig, mit 2,5 mm <sup>2</sup> Leitung / 5-pole, with 2,5 mm <sup>2</sup> cable							
IV Farbe Steckverbinder/Zugentlastung	WS SW PB/SW PB/WS	weiß schwarz Codierung pastellblau, Zugentlastung weiß Codierung pastellblau, Zugentlastung schwarz						
V Leitungslänge / Cord length	100	Leitungslänge in cm / cord length in cm						
VI Leitungsbezeichnung	H5V	H05VV-F						
	H5Z1	H05Z1Z1						
VII Farbe der Leitung	WS	weiß / white						
	SW	schwarz / black						
	BR	braun / brown						

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VIII CPR-Klasse der Leitung	ECA	Eca
	DCA	Dca
	CCA	Cca
	B2CA	B2ca