

# FLKM-1771-WH/SMKDS - Adapter



2910102

<https://www.phoenixcontact.com/us/products/2910102>

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Migration adapter for converting Allen Bradley PLC-5 (1771-WH) to screw connection.



## Commercial data

Item number	2910102
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK2119
Catalog page	Page 547 (C-5-2019)
GTIN	4055626426662
Weight per piece (including packing)	298.6 g
Weight per piece (excluding packing)	278 g
Customs tariff number	85389099
Country of origin	DE

## Technical data

### Product properties

Product type	Front adapter
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#### Insulation characteristics

Insulation	Basic insulation
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#### Insulation characteristics

Insulation	Basic insulation
Overvoltage category	III
Pollution degree	2

### Electrical properties

Max. permissible operating voltage	264 V AC/DC
Max. permissible current	2 A (per path)
Max. permissible total current	42 A
Nominal operating mode	100% operating factor
Mains frequency	50/60 Hz
Rated insulation voltage	280 V
Rated surge voltage	4 kV

### Connection data

#### Allen-Bradley PLC-5<sup>®</sup>

Connection method	Plug-in connection
Connection method	Screw connection
Stripping length	6 mm
Screw thread	M3
Number of connections	1
Conductor cross section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section rigid (2 conductors with same cross section)	0.14 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrules without plastic sleeve)
	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
Conductor cross section flexible (2 conductors with same cross section)	0.14 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup> (Ferrules without plastic sleeve)
	0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup> (TWIN ferrule with plastic sleeve)
Conductor cross section AWG	26 ... 16
Tightening torque	0.5 Nm ... 0.6 Nm

### Dimensions

#### Item dimensions

Width	35 mm
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Height	227 mm
Depth	60 mm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 2000 m (Above sea level)
Permissible humidity (operation)	95 % (non-condensing)

## Approvals

### CE

Certificate	CE-compliant
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### UL, USA/Canada

Identification	UL Listed UL 61010-2-201
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## Standards and regulations

Standards/regulations	DIN EN 50178
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## Mounting

Mounting position	any
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## Notes

General	For proper use, the specifications of the installation directive (see Downloads) must be observed.
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2910102>



**UL Listed**

Approval ID: FILE E 238705



**cUL Listed**

Approval ID: FILE E 238705

**cULus Listed**

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## Classifications

### ECLASS

ECLASS-11.0	27242292
ECLASS-12.0	27242292

### ETIM

ETIM 8.0	EC002584
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### UNSPSC

UNSPSC 21.0	32151600
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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