



Connectivity Solutions

Valve connector Mobile Equipment



Artikel-Nr.: 709428.0250
Form A valve connector
Suppression 12-24V AC/DC
Single conductor 2x0.75mm²



Artikel-Nr.: 709469
Form A valve connector
Suppression 24V AC/DC
PUR cable 2x0.75mm²



Artikel-Nr.: 709441.0250
Connector Deutsch DT06-2S
Suppression 12-24V DC
Single conductor 2x0.75mm² FLRY



Artikel-Nr.: 709472
Connector AMP Junior Timer
Suppression 24V AC/DC
PUR cable 2x0.75mm²



Artikel-Nr.: 709442.0250
Connector Deutsch DT06-2S
Suppression 12-24V DC
PUR cable 2x0.75mm²



Artikel-Nr.: 709482
Connector AMP Junior Timer
Suppression 24V AC/DC
PUR cable 2x0.75mm²



Artikel-Nr.: 709443.0250
Connector AMP Junior Timer
Suppression 24V DC
Single conductor 2x0.75mm² FLRY



Artikel-Nr.: 709673
Form A valve connector
Suppression 230V AC/DC
PVC 3x0.5 mm²



Identification	Type	LS-A 2,5 m FLRY AC/DC 12-24 V
	Part-No.	709428.0250
Description	Design A (18 mm), 2-pin without PE Protection device suppressor diode + LED, with stainless steel screw Moulded vehicle cable Type FLRY as single conductor 2x0.75mm²	
Technical data		
Type of function	Valve suppressor	
Protection device	Suppressor diode + LED	
Rated voltage	AC/DC 12–24 V	
Rated voltage range	12 – 24 V	
Current Consumption	4 mA	
Cut-off peak	≤ 52 V	
Rated frequency	50 – 60 Hz	
Holding Capacity	100 VA	
Type of connecting lead	2x0.75 mm ² FLRY	
Cable length	2.5 m	
Connecting lead Ø	1.8 mm	
General		
Design	A (18 mm)	

20.03.2018 – Subject to technical modification

Part-No. 709428.0250

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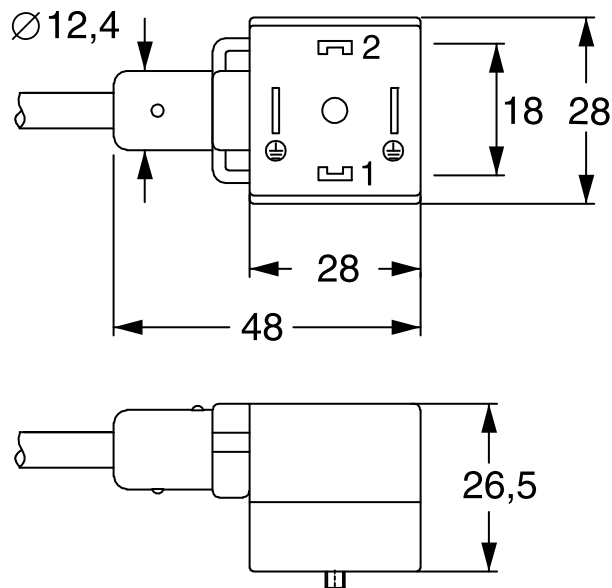
Technical data sheet • Suppression Technology

Status indication	LED yellow
Amperage range	≤ 7 A
Contact resistance	< 10 m Ω
Insulation resistance	> 100 M Ω
Pole number	2
Conductor color	black, blue
Housing material	TPU
Color of the housing	transparent
Contact material	CuSn silver-plated
Mechanical service life	> 100 insertion cycles
Degree of pollution	3
Fixing	Fixing screw stainless steel 1.4567
Protection class	IP65
Mounting	Breakaway torque 0.4 Nm
Temperature range connector	-25 °C ... +90 °C
Temperature range fixed	-40 °C ... +105 °C
Temperature range moving	-30 °C ... +90 °C
Operation temperature range	-25 °C ... +90 °C
Storage temperature range	-40 °C ... +90 °C

Comments

¹⁾ Excellent chemical and oil resistance. The material resistance must be checked based on the application for use with aggressive media!

Dimensions



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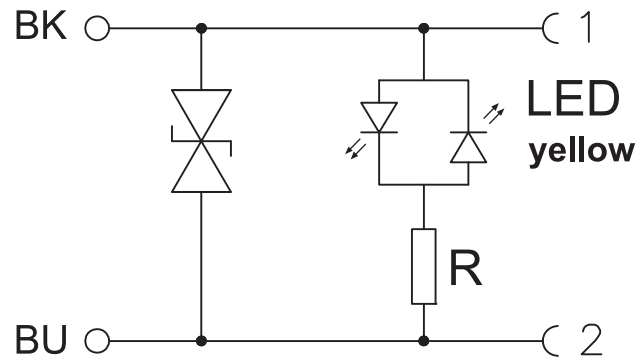
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SYSTEMATIC TECHNOLOGY

PIN assignment



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SYSTEMATIC TECHNOLOGY



Identification	Type	LS-DT06-9441.0250 2,5m FLRY
	Part-No.	709441.0250
Description		
	with integrated protection device + LED protection against reverse polarity, moulded single conductor PVC FLRY 2 × 0.75 mm ² on cable outlet can be directly mounted to a protective hose	
Technical data		
Type of function	Valve suppressor	
Protection device	Suppressor diode + LED	
Rated voltage	DC 12/24 V	
Current Consumption	10 mA	
Cut-off peak	≤ 52 V	
Holding Capacity	100 VA	
Type of connecting lead	2×0.75 mm ² FLRY	
Cable length	2.5 m	
Connecting lead Ø	1.8 ± 0.10 mm	
General		
Design	DT	
Status indication	LED yellow	
Amperage range	≤2 A	

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SYSTEMATIC TECHNOLOGY

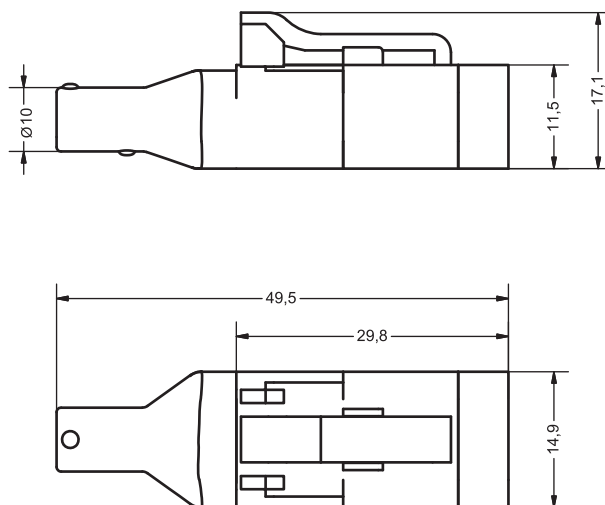
Technical data sheet • Suppression Technology

Test voltage type	DC 150 V
Contact resistance	<10 mΩ
Insulation resistance	>100 MΩ
Pole number	2
Flamability according to UL 94	V0
Conductor color	black, blue
Housing material	PA
Color of the housing	translucent black
Contact material	CuZn nickel-plate
Material sealing ring	Silicone
Mechanical service life	>100 insertion cycles
Degree of pollution	3
Protection class	IP67
Mounting	plug-in Protective hose possible
Temperature range connector	-30 °C ... +85 °C
Temperature range fixed	-40 °C ... +105 °C
Temperature range moving	-30 °C ... +90 °C
Operation temperature range	-30 °C ... +80 °C
Storage temperature range	-40 °C ... +90 °C

Comments

¹⁾ Excellent chemical and oil resistance. The material resistance must be checked based on the application for use with aggressive media!

Dimensions



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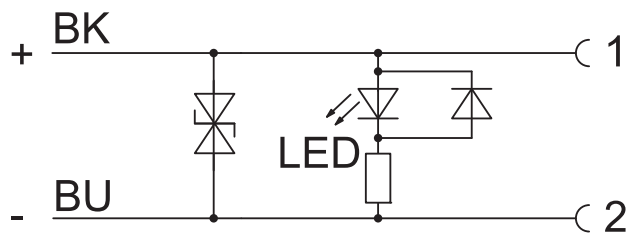
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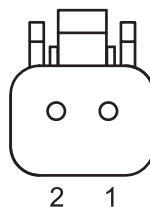


SYSTEMATIC TECHNOLOGY

PIN assignment



Pin layout



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SYSTEMATIC TECHNOLOGY



Identification	Type	LS-DT06 9442.0250 2,5mPUR
	Part-No.	709442.0250
Description		
	With integrated protection device + LED 2pin version, protected against reverse polarity, moulded PUR connecting cable 2 × 0.75 mm ² on cable outlet can be directly mounted to a protective hose	
Technical data		
Type of function	Valve suppressor	
Protection device	Suppressor diode	
Rated voltage	DC 12/24 V	
Current Consumption	10 mA	
Cut-off peak	≤ 52 V	
Holding Capacity	100 VA	
Type of connecting lead	2×0.75 mm ² PUR	
Cable length	2.5 m	
Connecting lead Ø	5.0 ± 0.20 mm	
General		
Design	DT	
Status indication	LED yellow	
Amperage range	≤2 A	

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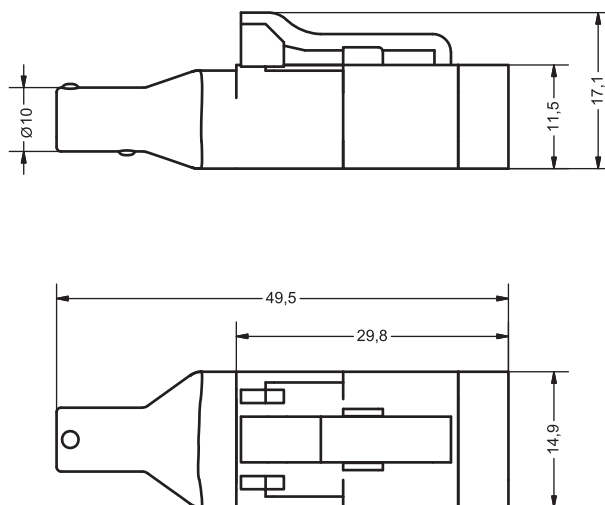
Technical data sheet • Suppression Technology

Test voltage type	DC 150 V
Contact resistance	<10 mΩ
Insulation resistance	>100 MΩ
Pole number	2
Conductor color	black, blue
Jacket color	black
Housing material	PA
Color of the housing	translucent black
Contact material	CuZn nickel-plate
Material sealing ring	Silicone
Mechanical service life	>100 insertion cycles
Degree of pollution	3
Protection class	IP67
Mounting	plug-in Protective hose possible
Temperature range connector	-30 °C ... +85 °C
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-30 °C ... +80 °C
Operation temperature range	-30 °C ... +80 °C
Storage temperature range	-40 °C ... +90 °C

Comments

¹⁾ Excellent chemical and oil resistance. The material resistance must be checked based on the application for use with aggressive media!

Dimensions



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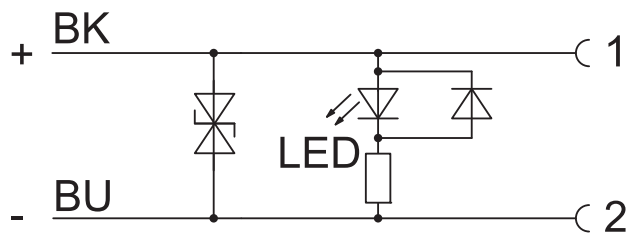
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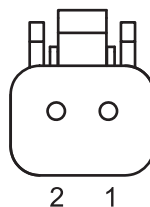


SYSTEMATIC TECHNOLOGY

PIN assignment



Pin layout



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SYSTEMATIC TECHNOLOGY



Identification	Type	LS-AMP 9443.0250 2,5m PVC
	Part-No.	709443.0250
Description		
	2-pole straight Protection device suppressor diode + status indication LED with moulded vehicle cable Type FLRY as single conductor 0.75 mm ²	
Technical data		
Type of function	Valve suppressor	
Protection device	Suppressor diode + LED	
Rated voltage	AC/DC 18–30 V	
Current Consumption	10 mA	
Cut-off peak	≤ 75 V	
Rated frequency	50 – 60 Hz	
Holding Capacity	100 VA	
Type of connecting lead	2×0.75 mm ² FLRY	
Cable length	2.5 m	
Connecting lead Ø	2.1 ± 0.20 mm	
General		
Design	AMP Junior Timer straight	
Status indication	LED yellow	

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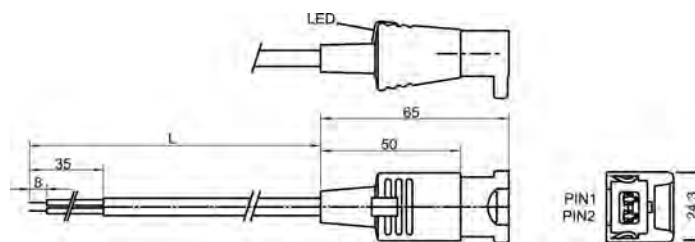
Technical data sheet • Suppression Technology

Amperage range	≤4 A
Contact resistance	<10 mΩ
Insulation resistance	>100 MΩ
Pole number	2
Conductor color	black, blue
Housing material	PA 6.6
Color of the housing	black
Contact material	CuZn tin-plated
Material sealing ring	Silicone
Mechanical service life	>100 insertion cycles
Degree of pollution	3
Protection class	IP65
Temperature range connector	-30 °C ... +85 °C
Temperature range fixed	-40 °C ... +105 °C
Temperature range moving	-30 °C ... +90 °C
Operation temperature range	-25 °C ... +80 °C
Storage temperature range	-40 °C ... +90 °C

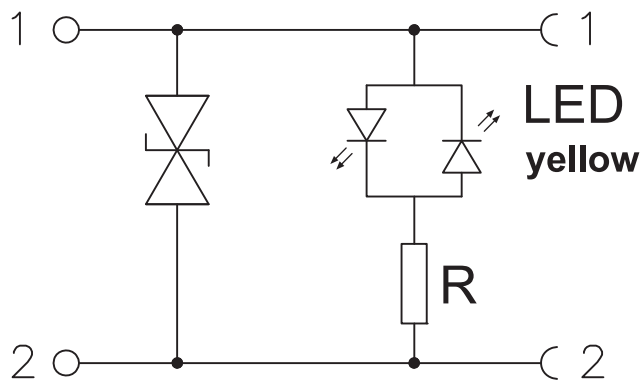
Comments

¹⁾ Excellent chemical and oil resistance. The material resistance must be checked based on the application for use with aggressive media!

Dimensions



PIN assignment



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SYSTEMATIC TECHNOLOGY



Identification	Type Part-No.	LS-A-9469 1,0mPUR AC/DC 24V 709469
Description	Construction A (18 mm) 2pin version, protected against reverse polarity, moulded PUR connecting cable 2 × 0.75 mm ² Protection device: suppressor diode + LED	
Technical data		
Type of function	Valve suppressor	
Protection device	Suppressor diode + LED	
Rated voltage U _N	AC/DC 12–24 V	
Current Consumption	4 mA	
Cut-off peak	≤ 52 V	
Rated frequency f _N	50 Hz / 60 Hz	
Holding Capacity	100 VA	
Type of connecting lead	2×0.75 mm ² PUR	
Cable length	1 m	
Connecting lead Ø	5.0 mm	
General		
Design	A (18 mm)	
Status indication	LED yellow	

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Part-No. 709469

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SYSTEMATIC TECHNOLOGY

Technical data sheet • Suppression Technology

Amperage range	≤4 A
Contact resistance	<10 mΩ
Insulation resistance	>100 MΩ
Pole number	2
Conductor color	black, blue
Jacket color	black
Housing material	TPU
Color of the housing	transparent
Contact material	CuSn silver-plated
Mechanical service life	>100 insertion cycles
Degree of pollution	3
Protection class	IP67
Mounting	Breakaway torque 0.4 Nm Protective hose possible
Temperature range connector	-25 °C ... +90 °C
Temperature range fixed	-30 °C ... +90 °C
Temperature range moving	-15 °C ... +80 °C
Operation temperature range	-25 °C ... +80 °C
Storage temperature range	-40 °C ... +90 °C
Dimensions (w × h × d)	28.0 × 26.5 × 48.0 mm
Weight	0.080 kg/piece
PU	1 piece
Standards	EN 175301-803 ISO 4400

Comments	¹⁾ Very good chemical and oil resistance. The material resistance must be checked based on the application for use with aggressive media!
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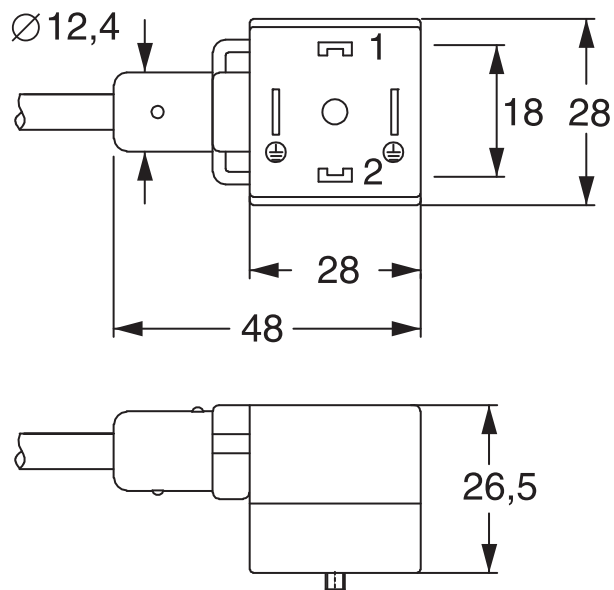
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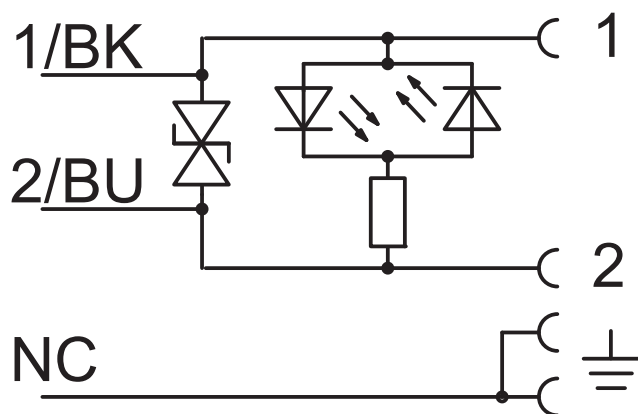


SYSTEMATIC TECHNOLOGY

Dimensions



PIN assignment



Accessories

Tag holder 7×20 mm, white:
Part-No. 760968 | BZT-0720 | PU: 100 units

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SYSTEMATIC TECHNOLOGY



Identification	Type	LS-AMP 9472 2,5m PUR
	Part-No.	709472
Description		
	with integrated protection device + LED	
	2-pin style, protection against reverse polarity	
	Moulded PUR connecting cable 2 × 0.75 mm ²	
Technical data		
Type of function	Valve suppressor	
Protection device	Suppressor diode + LED	
Rated voltage	AC/DC 24 V	
Current Consumption	10 mA	
Cut-off peak	≤ 75 V	
Rated frequency	50 – 60 Hz	
Holding Capacity	100 VA	
Type of connecting lead	2×0.75 mm ² PUR	
Cable length	2.5 m	
Connecting lead Ø	5.2 ± 0.20 mm	
General		
Design	AMP Junior Timer angle connector	
Status indication	LED yellow	

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SYSTEMATIC TECHNOLOGY

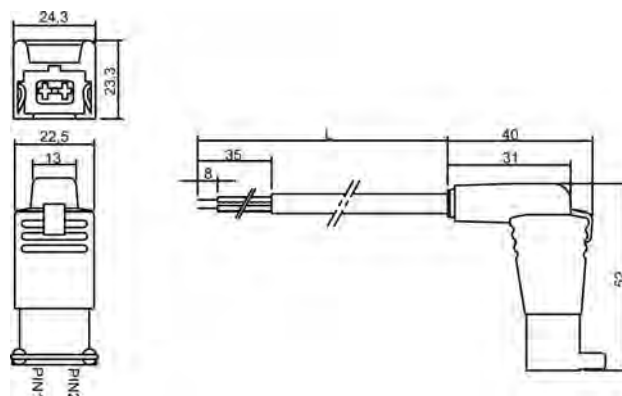
Technical data sheet • Suppression Technology

Amperage range	≤4 A
Contact resistance	<10 mΩ
Insulation resistance	>100 MΩ
Pole number	2
Conductor color	black, blue
Jacket color	black
Housing material	PA 6.6
Color of the housing	black
Contact material	CuZn tin-plated
Material sealing ring	Silicone
Mechanical service life	>100 insertion cycles
Degree of pollution	3
Protection class	IP65
Mounting	plug-in
Temperature range connector	-25 °C ... +80 °C
Temperature range fixed	-30 °C ... +90 °C
Temperature range moving	-15 °C ... +80 °C
Operation temperature range	-25 °C ... +80 °C
Storage temperature range	-40 °C ... +90 °C
	angled:

Comments

¹⁾ Excellent chemical and oil resistance. The material resistance must be checked based on the application for use with aggressive media!

Dimensions



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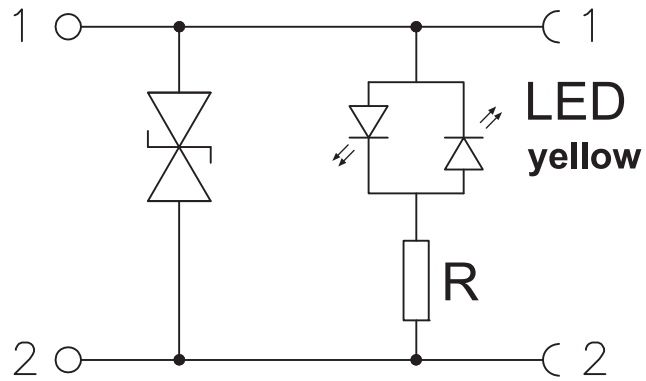
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SYSTEMATIC TECHNOLOGY



Identification	Type	LS-AMP 9482 2,5m PUR
	Part-No.	709482
Description		
	with integrated protection device + LED 2-pin style, protection against reverse polarity Moulded PUR connecting cable 2 × 0.75 mm ²	
Technical data		
Type of function	Valve suppressor	
Protection device	Suppressor diode + LED	
Rated voltage	AC/DC 24 V	
Current Consumption	10 mA	
Cut-off peak	≤ 75 V	
Rated frequency	50 – 60 Hz	
Holding Capacity	100 VA	
Type of connecting lead	2×0.75 mm ² PUR	
Cable length	2.5 m	
Connecting lead Ø	5.2 ± 0.20 mm	
General		
Design	AMP Junior Timer straight	
Status indication	LED yellow	

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Part-No. 709482

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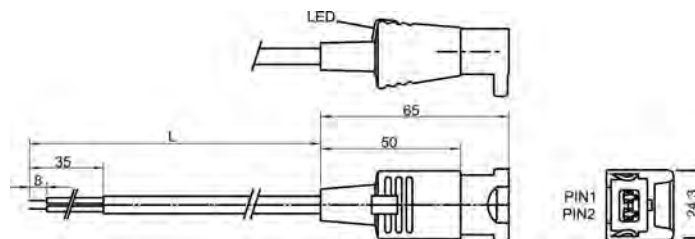
Technical data sheet • Suppression Technology

Amperage range	≤4 A
Contact resistance	<10 mΩ
Insulation resistance	>100 MΩ
Pole number	2
Conductor color	black, blue
Jacket color	black
Housing material	PA 6.6
Color of the housing	black
Contact material	CuZn tin-plated
Material sealing ring	Silicone
Mechanical service life	>100 insertion cycles
Degree of pollution	3
Protection class	IP65
Mounting	plug-in
Temperature range connector	-25 °C ... +80 °C
Temperature range fixed	-30 °C ... +90 °C
Temperature range moving	-15 °C ... +80 °C
Operation temperature range	-25 °C ... +80 °C
Storage temperature range	-40 °C ... +90 °C
	straight:

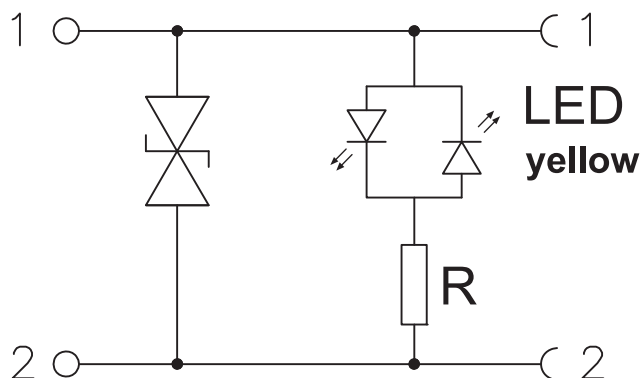
Comments

¹⁾ Excellent chemical and oil resistance. The material resistance must be checked based on the application for use with aggressive media!

Dimensions



PIN assignment



20.03.2018 – Subject to technical modification

Part-No. 709482

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

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Unit 3, Sandy Hill Park

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SYSTEMATIC TECHNOLOGY



Identification	Type	LV-A-9673 2.5m PVC 230V
	Part-No.	709673
Description		
	Construction A (18 mm) PVC connecting lead with bridged ground conductor (PE)	
Technical data		
Type of function	Valve suppressor	
Protection device	Varistor	
Rated voltage	AC/DC 230 V	
Current Consumption	3 mA	
Cut-off peak	≤ 475 V	
Rated frequency	50 – 60 Hz	
Holding Capacity	100 VA	
Type of connecting lead	3×0.5 mm ² PVC	
Cable length	2.5 m	
Connecting lead Ø	4.8 ± 0.15 mm	
General		
Design	A (18 mm)	
Status indication	LED yellow	

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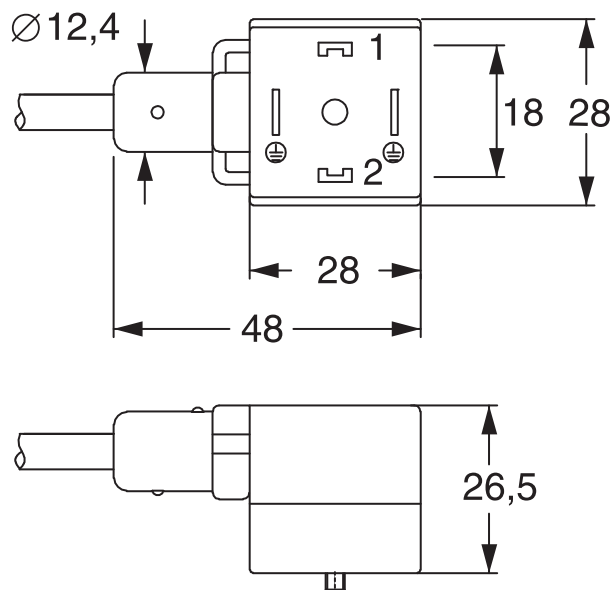
Technical data sheet • Suppression Technology

Amperage range	≤0.5 A
Contact resistance	<10 mΩ
Insulation resistance	>100 MΩ
Pole number	3
Conductor color	brown, blue, yellow-green
Jacket color	black
Housing material	TPU
Color of the housing	transparent
Contact material	CuSn silver-plated
Mechanical service life	>100 insertion cycles
Degree of pollution	3
Protection class	IP67
Mounting	Breakaway torque 0.4 Nm Protective hose possible
Temperature range connector	-25 °C ... +90 °C
Temperature range fixed	-30 °C ... +80 °C
Temperature range moving	-5 °C ... +70 °C
Operation temperature range	-25 °C ... +80 °C
Storage temperature range	-40 °C ... +90 °C

Comments

¹⁾ Very good chemical and oil resistance. The material resistance must be checked based on the application for use with aggressive media!

Dimensions



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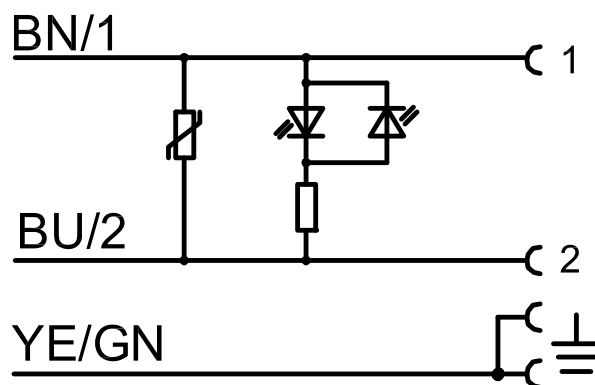
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SYSTEMATIC TECHNOLOGY

PIN assignment



Accessories

Accessories

Tag holder 7×20 mm

Color
white

Part-No.
760968

Type
BZT-0720

PU
100

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Part-No. 709673

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