



■ Connectivity Solutions

Motor suppression



Artikel-Nr.: 700379

RC suppression
7,5 kW / 3AC / 575V
PG9 thread



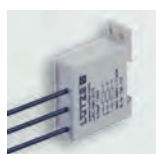
Artikel-Nr.: 700490

RC suppression
4 kW / 3AC / 500V
DIN rail mounting



Artikel-Nr.: 701534

Varistor suppression
7,5 kW / 3AC / 575V
M32 thread



Artikel-Nr.: 706115

RC suppression
7,5 kW / 3AC / 500V
DIN rail mounting



Artikel-Nr.: 706120

Varistor suppression
5,5 kW / 3AC / 500V
Motor terminal box mounting



Artikel-Nr.: 706167

Varistor suppression
7,5 kW / 3AC / 575V
direct attachment to the switch



Identification	Type	LRC-M5-0379 3AC 575V 7,5kW
	Part-No.	700379
Description		
Motor suppression for the screwing in in the motor terminal box up to 7.5 kW, 3 AC x 575 V Protection device: RC module		
Technical data		
Type of function	Motor suppression	
Protection device	RC module	
Rated voltage	3× AC 575 V	
Rated frequency	50 – 60 Hz	
Engine power	7.5 kW	
Type of connecting lead	3×1.0 mm ² PVC	
Cable length	0.5 m	
Connecting lead Ø	6.3 mm	
Fitting	PG 9	
Suppression type	Motor connection star	
General		
Design	M 5	
Potting compound	2-components	

20.03.2018 – Subject to technical modification

Part-No. 700379

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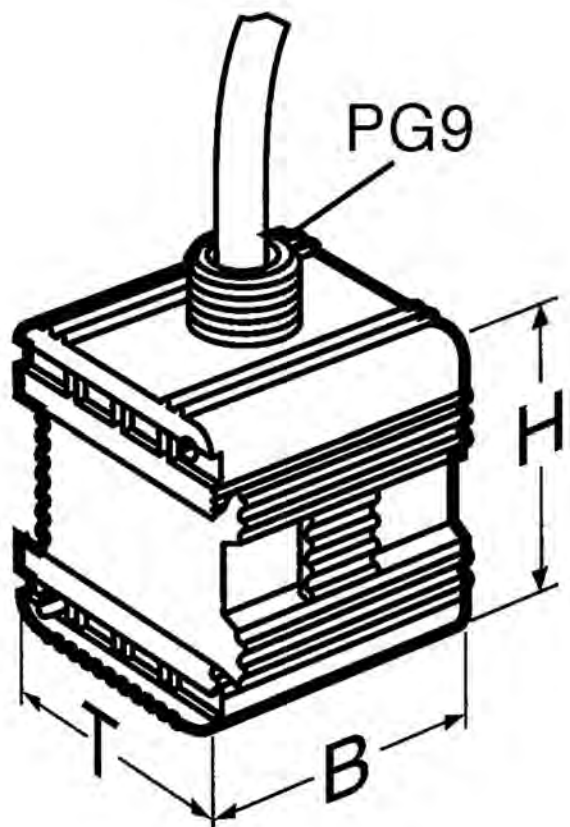
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SYSTEMATIC TECHNOLOGY

Technical data sheet • Suppression Technology

Conductor color	black
Jacket color	grey
Housing material	PA 6.6
Color of the housing	black
Degree of pollution	3
Protection class	IP67
Mounting	Motor terminal board outside Cable tie on the supply cable DIN rail mounting 2 snap-on sockets
Connection device	Line end open
Operation temperature range	-20 °C ... +60 °C
Storage temperature range	-40 °C ... +90 °C
Dimensions	



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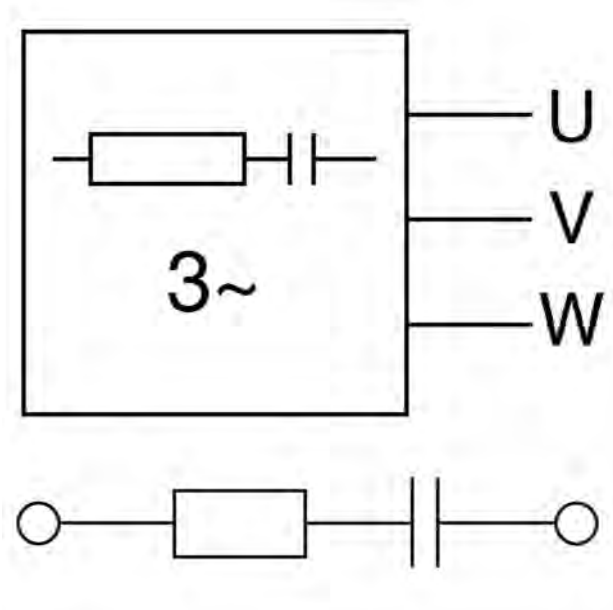
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SYSTEMATIC TECHNOLOGY

PIN assignment



Accessories

Accessories

Snap-on socket type 2

Color
grey

Part-No.
700499

Mounting
DIN rail mounting

PU
10

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SYSTEMATIC TECHNOLOGY



Identification	Type	LRC-M1-0490 3AC 500V 4kW
	Part-No.	700490
Description		
	Motor suppression in the M1, M2 and M3 enclosure for AC motors up to 30 kW, 3 AC x 500 V Protection device: RC module	
Technical data		
Type of function	Motor suppression	
Protection device	RC module	
Rated voltage	3× AC 500 V	
Rated frequency	50 – 60 Hz	
Engine power	4 kW	
Type of connecting lead	1.0 mm ² PVC	
Cable length	0.22 m	
General		
Design	M 1	
Potting compound	2-components	
Conductor color	black	
Housing material	PPO	
Color of the housing	grey	

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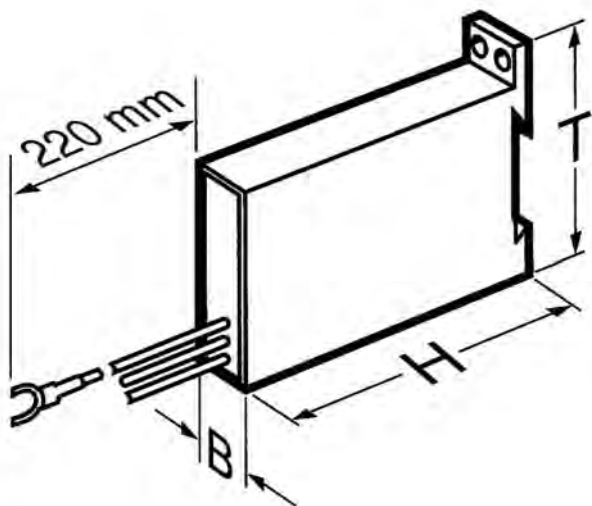
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Technical data sheet • Suppression Technology

Degree of pollution	3
Protection class	IP67
Mounting	DIN rail mounting 2 snap-on sockets Attachment hole m 4
Connection device	Fork-type cable lug M 4
Operation temperature range	-20 °C ... +60 °C
Storage temperature range	-40 °C ... +90 °C
Dimensions	



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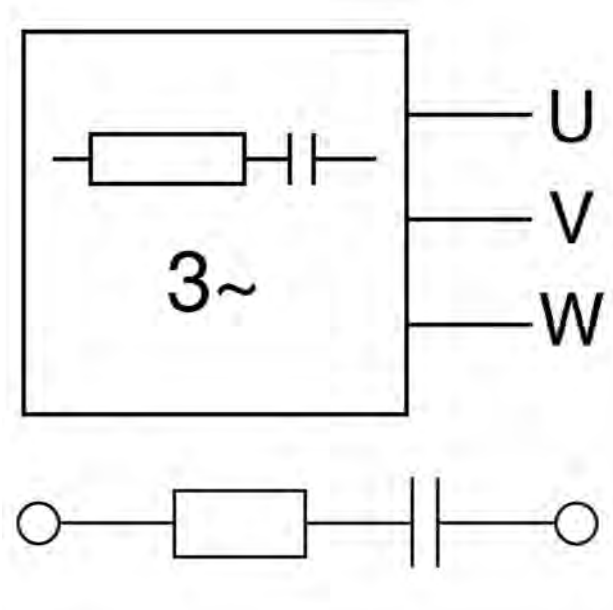
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SYSTEMATIC TECHNOLOGY

PIN assignment



Logo



Accessories

Accessories

Snap-on socket type 2

Color
grey

Part-No.
700499

Mounting
DIN rail mounting

PU
10

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Part-No. 700490

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SYSTEMATIC TECHNOLOGY



Identification	Type Part-No.	LV-RM2-1534 3AC 575V 7,5kW 701534
Description	Motor suppression for the screwing in in the motor terminal box also suitable for frequency converters up to 7.5 kW, 3 AC x 575 V Protection device: Varistor	
Technical data		
Type of function	Motor suppression	
Protection device	Varistor	
Rated voltage	3× AC 575 V	
Cut-off peak	≤ 1075 V	
Rated frequency	10 – 400 Hz	
Engine power	7.5 kW	
Type of connecting lead	1.5 mm ² H07V-K	
Cable length	0.15 m	
Fitting	M 32 × 1.5	
General		
Design	FEB RM 2	
Potting compound	2-components	
Conductor color	black	

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Part-No. 701534

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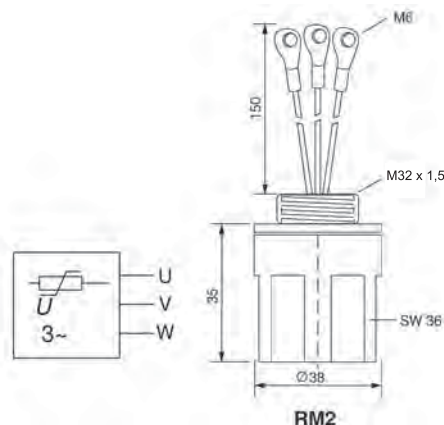
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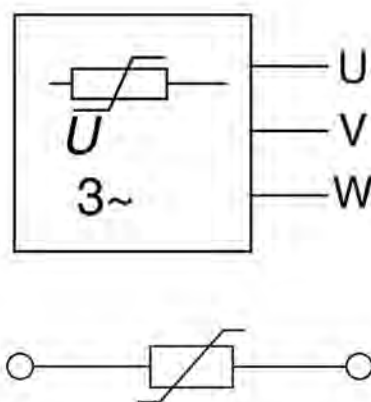
SYSTEMATIC TECHNOLOGY

Technical data sheet • Suppression Technology

Housing material	PPO
Color of the housing	grey
Degree of pollution	3
Protection class	IP67
Mounting	screwed into terminal housing
Connection device	Ring termination M 6
Operation temperature range	-20 °C ... +60 °C
Storage temperature range	-40 °C ... +90 °C
Dimensions	



PIN assignment



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SYSTEMATIC TECHNOLOGY

Logo



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SYSTEMATIC TECHNOLOGY



Identification	Type	LRC-VM1-6115 3AC 500V 7,5kW
	Part-No.	706115
Description	Motor suppression for the direct installation in the motor junction plate 7.5 kW, 3 AC x 500 V Protection device: RC module	
Technical data		
Type of function	Motor suppression	
Protection device	RC module	
Rated voltage U _N	3× AC 500 V	
Rated frequency f _N	50 Hz / 60 Hz	
Engine power	7.5 kW	
Type of connecting lead	1.0 mm ² H05V-K	
Cable length	0.22 m	
General		
Design	VM1	
Potting compound	2-components	
Conductor color	black	
Jacket color	black	
Housing material	PPO	

17.10.2018 – Subject to technical modification

Part-No. 706115

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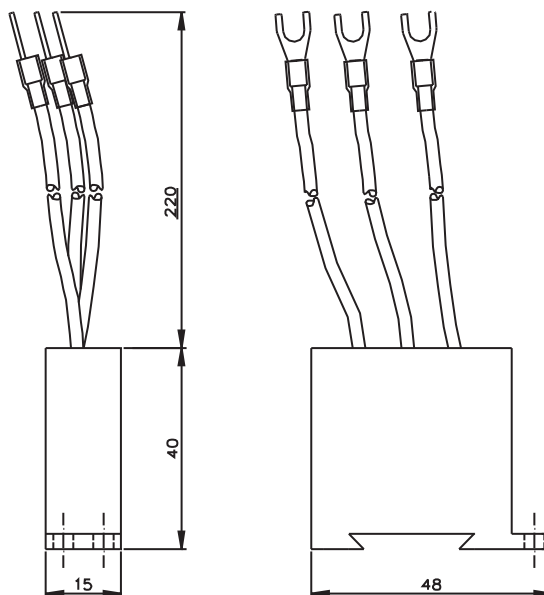
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SYSTEMATIC TECHNOLOGY

Technical data sheet • Suppression Technology

Color of the housing	grey
Degree of pollution	3
Protection class	IP67
Mounting	DIN rail mounting 2 snap-on sockets Motor terminal board inside
Connection device	Fork-type cable lug M 4
Operation temperature range	-20 °C ... +60 °C
Storage temperature range	-40 °C ... +90 °C
Dimensions (w × h × d)	15.0 × 40.0 × 48.0 mm
Weight	0.049 kg/piece
PU	10 piece
Approvals	cURus (E135145)
Dimensions	



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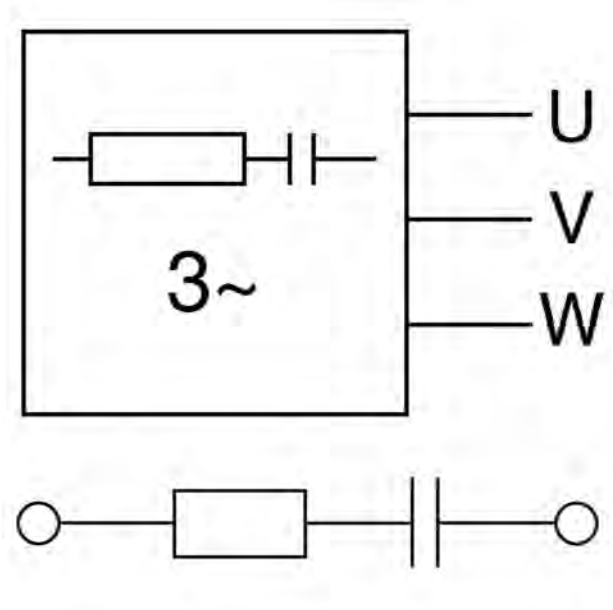
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PIN assignment



Logo



Accessories

Snap-on socket type 2, grey:

Part-No. 700499 | DIN rail mounting | PU: 10 units

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SYSTEMATIC TECHNOLOGY



Identification	Type	LV-S10-6120 3 AC 500V 5,5kW
	Part-No.	706120
Description		
	Motor suppression for the direct installation in the motor junction plate 5.5 kW to 7.5 kW, 3 AC x 500 V Protection device: Varistor	
Technical data		
Type of function	Motor suppression	
Protection device	Varistor	
Rated voltage	3× AC 500 V	
Cut-off peak	≤ 1075 V	
Rated frequency	10 – 400 Hz	
Engine power	5.5 kW	
Type of connecting lead	1.5 mm ² LIH	
Cable length	0.06 m	
Suppression type	Motor connection star	
General		
Design	S10	
Potting compound	2-components	
Conductor color	black	

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Part-No. 706120

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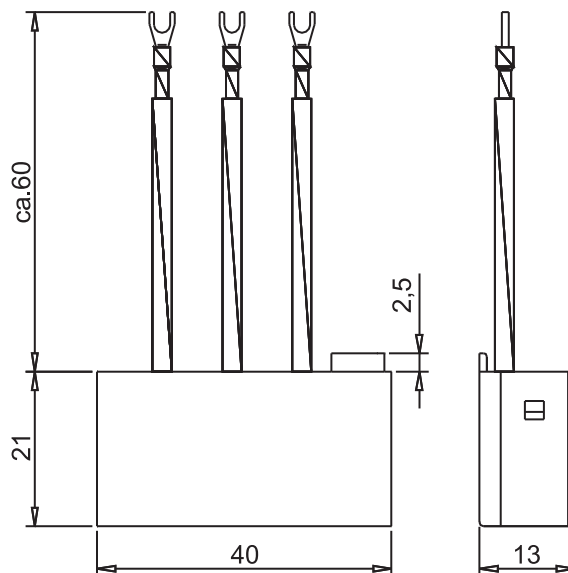
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SYSTEMATIC TECHNOLOGY

Technical data sheet • Suppression Technology

Housing material	PC-ABS
Color of the housing	grey
Degree of pollution	3
Protection class	IP67
Mounting	Motor terminal board inside
Connection device	Fork-type cable lug M 5
Operation temperature range	-20 °C ... +60 °C
Storage temperature range	-40 °C ... +90 °C
Dimensions	



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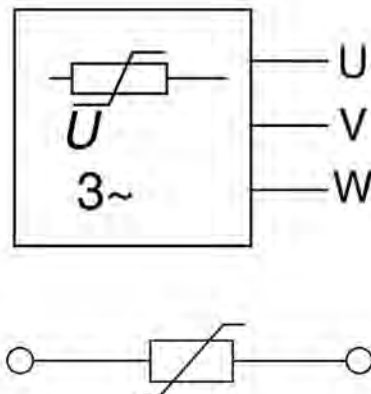
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SYSTEMATIC TECHNOLOGY

PIN assignment



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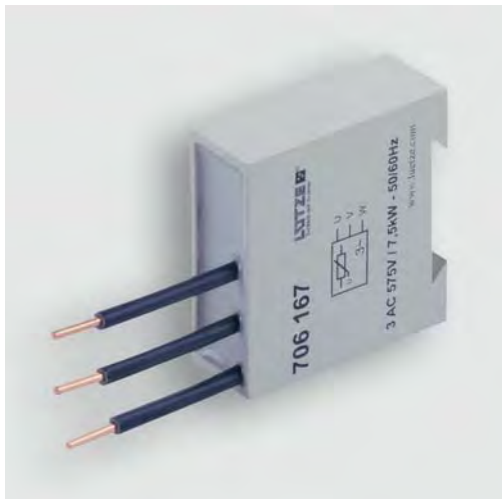
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Identification	Type	LV-VM1-6167 3AC 575V 7,5kW
	Part-No.	706167
Description		
	Universal motor suppression: direct attachment to the switch (e.g. Siemens SIRIUS 3RT 10) also suitable for frequency converters up to 7.5 kW, 3 AC x 575 V Protection device: Varistor	
Technical data		
Type of function	Motor suppression	
Protection device	Varistor	
Rated voltage	3× AC 575 V	
Cut-off peak	≤ 1075 V	
Rated frequency	10 – 400 Hz	
Engine power	7.5 kW	
Type of connecting lead	1.5 mm ² H07V-U	
Cable length	0.03 m	
Suppression type	Motor connection star	
General		
Design	VM1	
Potting compound	2-components	
Conductor color	black	

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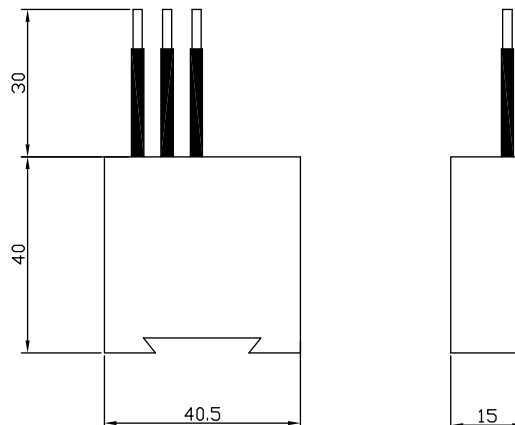
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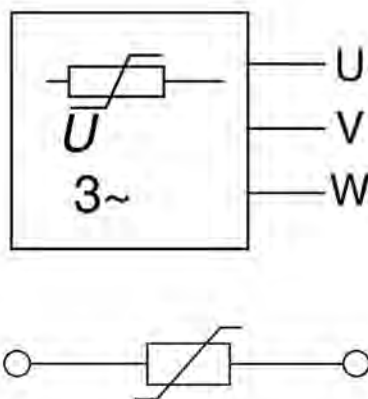
SYSTEMATIC TECHNOLOGY

Technical data sheet • Suppression Technology

Housing material	PPO
Color of the housing	grey
Degree of pollution	3
Protection class	IP67
Mounting	Attachment to contactor
Connection device	stripped cable ends
Operation temperature range	-20 °C ... +60 °C
Storage temperature range	-40 °C ... +90 °C
Dimensions	



PIN assignment



Logo



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