

4.0 Sockets

Application	Types	Pins	Rated load
Socket for 8-pin Relays and Time Cubes	S2-B		10 A / 300 V
PCB Socket for 8-pin Relays and Time Cubes	S2-PO		10 A / 300 V
Socket for 11-pin Relays and Time Cubes	S3-B		10 A / 300 V
Socket for 11-pin standard Relays and Time Cubes	S3-S		10 A / 250 V
PCB Socket for 11-pin Relays and Time Cubes	S3-L / -PO		10 A / 250 V
System Socket for 11-pin Relays and Time / Monitoring Modules	S3-MB0 / S3-MB1		10 A / 250 V
System Socket for 11-pin Relays and Time / Monitoring Modules	S3-M		10 A / 250 V
Socket for 14-pin C4 Relays	S4-J		10 A / 250 V
PCB Socket for 14-pin C4 Relays	S4-L / -P		10 A / 250 V
Socket for 11-pin Relays	S5-M		16 A / 400 V
Socket for 11-pin Relays	S5-SSY		16 A / 400 V
PCB Socket for 11-pin Relays	S5-L / -P		16 A / 400 V
Socket for 8-pin Relays	S7-C		10 A / 250 V
Socket for 8-pin Relays	S7-IO		10 A / 250 V
PCB Socket for 8-pin Relays	S7-P		10 A / 250 V
Socket for 14-pin Relays	S9-M		6 A / 250 V
PCB Socket for 14-pin Relays	S9-P		6 A / 150 V
Socket for 5-pin Relays	S10		10 A / 250 V
PCB Socket for 8-pin Relays	S10-P		10 A / 250 V
Socket for 8-pin Relays	S12		5 A / 250 V
PCB Socket for 8-pin Relays	S12-P		5 A / 250 V
Socket for 8-pin Relays	S16-M		10 A / 300 V
Socket for 8-pin Relays	S18-M		10 A / 300 V

Socket selection for industrial Relays

Socket Selection for industrial Relays																	
Socket Type	Description	C2	C3	C4	C5	C7	C9	C10	C12	C16PTL / C18PTL	C18-A15PT	C21	C22	C31	C32	R7	R-Module
EC-11	Socket for industrial Relay		●											●	●		
S2-B	Socket for industrial Relay	●															
S2-S	Socket for industrial Relay											●	●				
S2-L	Socket for industrial Relay	●															
S2-P	Socket for industrial Relay																
S2-P0	Socket for industrial Relay																
S3-B	Socket for industrial Relay		●											●	●		
S3-MP	Socket for industrial Relay		●											●	●		
S3-S	Socket for industrial Relay		●											●	●		
S3-L	Socket for industrial Relay		●														
S3-P	Socket for industrial Relay																
S3-P0	Socket for industrial Relay																
S3-MB0	Socket for industrial Relay		●											●	●		●
S3-MB1	Socket for industrial Relay																
S3-N	Socket for industrial Relay																
S4-J	Socket for industrial Relay			●													
S4-L	Socket for industrial Relay			●													
S4-P	Socket for industrial Relay																
S5-M	Socket for industrial Relay				●												●
S5-L	Socket for industrial Relay																
S5-P	Socket for industrial Relay																
S7-C	Socket for industrial Relay					●										●	●
S7-I0	Socket for industrial Relay					●										●	●
S7-16	Socket for industrial Relay					●										●	●
S7-P	Socket for industrial Relay					●										●	
S7-L,	Socket for industrial Relay					●										●	
S7-P0	Socket for industrial Relay																
S9-M	Socket for industrial Relay						●										
S9-P	Socket for industrial Relay						●										
S9-L	Socket for industrial Relay						●										
S9-P0	Socket for industrial Relay																
S10	Socket for industrial Relay							●									
S10-P	Socket for industrial Relay							●									
S12	Socket for industrial Relay								●								
S12-P	Socket for industrial Relay								●								
S16-M	Socket for industrial Relay									●							●
S18-M	Socket for industrial Relay										●						●

Socket Accessoires																	
Type	Description	S3-M	S3-MB0	S3-MB1	S2-B	S3-B	S5-M	S7-C	S10	S7-I0	S12	S9-M	S4-J	S7-L	S7-P	S9-L	S9-P
CA-11	Code Ring (BAG 5 PCS)					●											
CA-8	Code Ring (BAG 5 PCS)				●												
C-A2	Neutral-Connector (BAG 5 PCS or 50 PCS)	●	●	●			●										
SC-3	A1-Connector (BAG 10 PCS)		●	●			●										
LH-1	Label carrier transparent (BAG 5 PCS)	●	●	●													
SL-36	Label holder transparent (BAG 5 PCS)				●	●											
SP-36	Labeling strips (BAG 5 PCS)				●	●											
L-16	Labeling strips (BAG 5 PCS)	●	●	●													
SD-1T	Lock lid transparent (BAG 5 PCS)	●	●	●			●										
SD-1W	Lock lid white (BAG 5 PCS)	●	●	●			●										
B20-G	Bridge Bar grey (BAG 5 PCS)										●						
B20-R	Bridge Bar red (BAG 5 PCS)										●						
B20-A	Bridge Bar blue (BAG 5 PCS)										●						
CC-30	Clip grey																
CMX1	LED-Module																
CMR1	R/C-Module																
PS-W	Labeling strips							●									
S7-BB	Bridge bar (BAG 5 PCS (5 x 4))							●		●							
S9-CH	Labeling srib white (BAG 10 PCS)									●		●					
S10-BB	Bridge bar (BAG 20 PCS (5 x 4))								●								
S10-RH	Labeling srib white (BAG 10 PCS)								●		●						
S10-RT	Transparent Cover (BAG 20 PCS)								●								
SA-O	Wall Adapter							●	●		●						
SS-T	Transparent Cover							●									
SS-W	White Cover							●									
V10-G	Bridge Bar grey (BAG 5 PCS)										●						
V10-R	Bridge Bar red (BAG 5 PCS)										●						
V10-A	Bridge Bar blue (BAG 5 PCS)										●						
V40-G	Bridge Bar grey (BAG 5 PCS)										●						
V40-R	Bridge Bar red (BAG 5 PCS)										●						
V40-A	Bridge Bar blue (BAG 5 PCS)										●						

Clip Selection for Industrial Relays																			
Socket type	Made in	C2 ESP	C2 ESP + CT2	C2 IND	CT 2 IND + CT2	C3 ESP	C3 ESP + CT3	C3 IND	C3 ESP + CT3	C4 ESP	C4 CM	C5 ESP	C5 CM	C7 ESP	C7 CM	C9 ESP	C9 CM	C10 ESP	C10 CM
EC-8	ESP		S3-C		HF-32		HF-32		HF-32										
EC-11	ON		S3-C																
S2-B, S2-S	ON		S3-C																
			S3-C	S3-CT	S30-CM HF-32	HF-33													
S20-B	ESP		S3-C																
S2-L, S2-P, S2-PO	ESP		S3-C																
S3-B	ON		S3-C																
			S3-C	S3-CT	S30-CM HF-32	HF-33													
S30-B	ESP		S3-C																
S3-MP	ESP		S3-C																
			S3-C	S3-CT	S30-CM HF-32	HF-33													
S3-S	ON		S3-C																
			S3-C	S3-CT	S30-CM HF-32	HF-33													
S3-L, S3-P, S3-PO	ESP		S3-C																
S3-MB0	ESP		S3-C																
S4-J	ON		S3-C																
S4-L, S4-P, S4-PO	ESP		S3-C																
S5-S	ESP		S3-C																
S5-M	ON		S3-C																
S7-C	ON		S3-C																
S7-40	ESP		S3-C																
S7-40	ON		S3-C																
S7-16	ESP		S3-C																
S7-P			S3-C																
S7-L, S7-PO	ESP		S3-C																
S9-M	ON		S3-C																
S9-P			S3-C																
S9-L, S9-PO	ESP		S3-C																
S10	ON		S3-C																
S10-P	ON		S3-C																
S12	ON		S3-C																
S12-P	ESP		S3-C																
S16-M	ON		S3-C																
S18-M	ON		S3-C																

Rated Load	10 A / 300 V
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Specifications

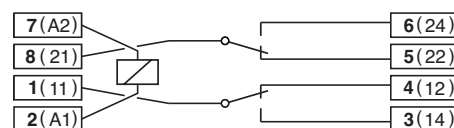
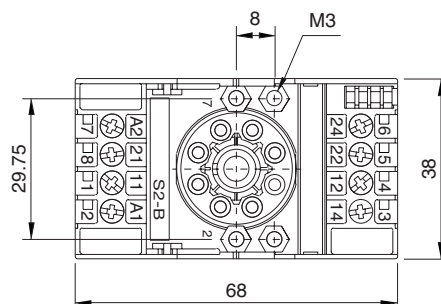
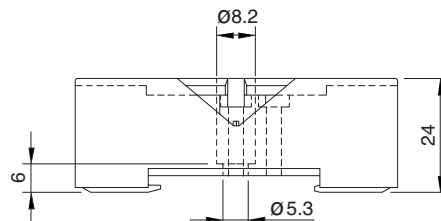
Rated impulse withstand voltage	2.5 kV rms / 1 min
– All terminals / DIN rail	2.5 kV rms / 1 min
– Terminal / Terminal	
Cross-section of connecting wire	
– Single-wire	4 mm ² / AWG 12 or 2 x 2.5 mm ² / AWG 14
– Multi-wire	0.34 mm ² / AWG 22 - 2.5 mm ² / AWG 14
Nominal screw torque	0.7 Nm
Screw dimensions	M3 Pozi slot
Mounting	TS-35 or Back Panel Mounting
Ambient temperature operation / storage	-40...60 °C / -40 ... 80 °C (no ice)
Weight	48g

Included Accessories

Retaining Clip, plastic	S30-CM for C2 / C2x Relays
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Optional Accessories

Retaining clip, steel	HF-32 (BAG 10 PCS) for C2 / C2x Relays HF-33 (BAG 10 PCS) for Time Cube CTx
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**Connection diagram****Dimensions [mm]****Technical approvals, conformities**

S2-PO**PCB Socket for 8-pin Relays and Time Cubes****Rated Load****10 A / 300 V****Specifications**

Rated impulse withstand voltage

– Pin / Pin

2.5 kV rms / 1 min

Ambient temperature operation/storage

-4060 °C / -40 ... 80 °C (no ice)

Weight

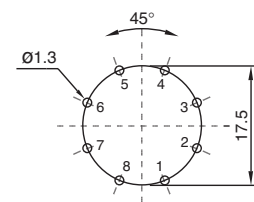
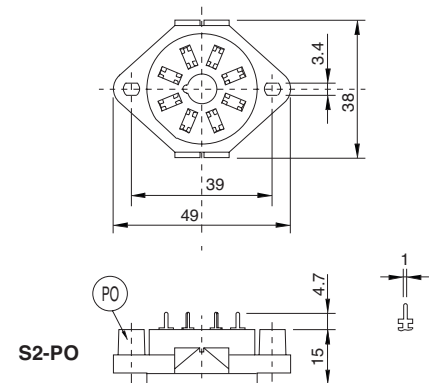
17g

Optional Accessories

Retaining clip, steel

HF-32 (BAG 10 PCS) for C2 / C2x Relays

HF-33 (BAG 10 PCS) for Time Cube CTx

**Printed circuit lay-out [mm]****Dimensions [mm]****Technical approvals, conformities**

S3-B**Socket for 11-pin Relays and Time Cubes**

Rated Load	10 A / 300 V
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Specifications

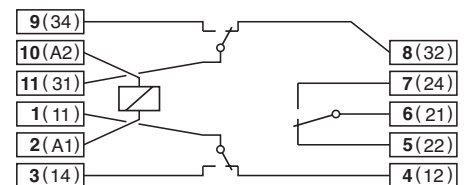
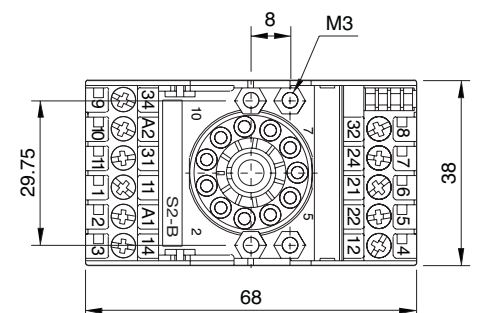
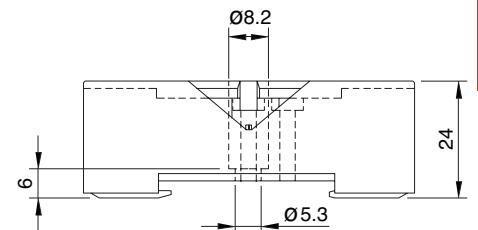
Rated impulse withstand voltage	2.5 kV rms / 1 min
– All terminals / DIN rail	2.5 kV rms / 1 min
– Terminal / Terminal	
Cross-section of connecting wire	
– Single-wire	4 mm ² / AWG 12 or 2 x 2.5 mm ² / AWG 14
– Multi-wire	0.34 mm ² / AWG 22 - 2.5 mm ² / AWG 14
Nominal screw torque	0.7 Nm
Screw dimensions	M3 Pozi slot
Mounting	TS-35 or Back Panel Mounting
Ambient temperature	-4060 °C / -40 ... 80 °C (no ice)
Weight	55g

Included Accessories

Retaining Clip, plastic	S30-CM for C3 / C3x Relays
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Optional Accessories

Retaining clip, steel	HF-32 (BAG 10 PCS) for C3 / C3x Relays HF-33 (BAG 10 PCS) for Time Cube CTx
Coding Ring	S3-BC (BAG 5 PCS) for C3 / C3x Relays

**Connection diagram****Dimensions [mm]****Technical approvals, conformities**

S3-S**Socket for 11-pin standard Relays and Time Cubes****Rated Load****10 A / 250 V****Specifications**

Rated impulse withstand voltage

– All terminals / DIN rail

2.5 kV rms / 1 min

– Terminal / Terminal

2.5 kV rms / 1 min

Cross-section of connecting wire

– Single-wire

4 mm² / AWG 12 or 2 x 2.5 mm² / AWG 14

– Multi-wire

0.34 mm² / AWG 22 - 2.5 mm² / AWG 14

Nominal screw torque

1.2 Nm

Screw dimensions

M3.5 Pozi slot

Mounting

TS-35 or Back Panel Mounting

Ambient temperature operation/storage

-40...60 °C / -40 ... 80 °C (no ice)

Weight

69g

**Included Accessories**

Retaining Clip, plastic

S30-CM for C3 / C3x Relays

Optional Accessories

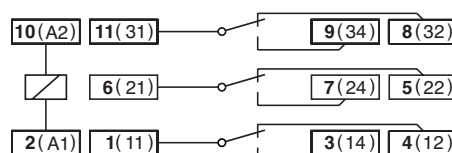
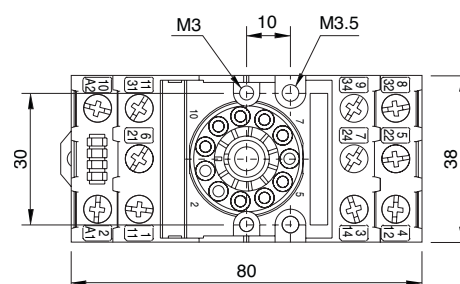
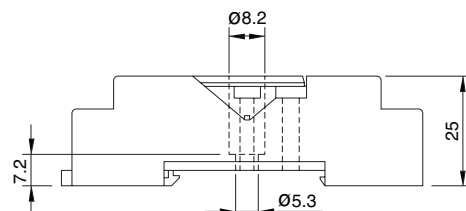
Retaining clip, steel

HF-32 (BAG 10 PCS) for C3 / C3x Relays

HF-33 (BAG 10 PCS) for Time Cube CTx

Coding Ring

S3-BC (BAG 5 PCS) for C3 / C3x Relays

**Connection diagram****Dimensions [mm]****Technical approvals, conformities**

Rated Load	10 A / 250 V
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Specifications

Rated impulse withstand voltage

– Pin / Pin

2.5 kV rms / 1 min

Ambient temperature operation/storage

-4060 °C / -40 ... 80 °C (no ice)

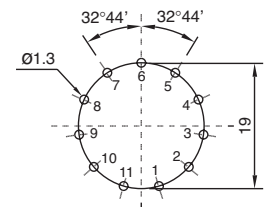
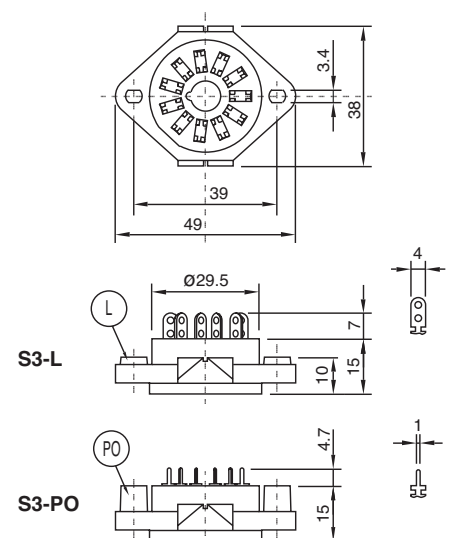
Weight

17g

Optional Accessories

Retaining spring, steel

HF-32 (BAG 10 PCS) for C3 / C3x Relays

**Printed circuit lay-out [mm]****Dimensions [mm]****Technical approvals, conformities**


Socket for 11-pin Relays and Time / Monitoring Module
Rated Load
10 A / 250 V
Specifications

Rated impulse withstand voltage

– All terminals / DIN rail

2.5 kV rms / 1 min

– Terminal / Terminal

2.5 kV rms / 1 min

Cross-section of connecting wire

– Single-wire

 1 x 6 mm²/ AWG 10, 2 x 1.5 mm²/ AWG 16

– Multi-wire

 1 x 4 mm²/AWG 12, 2 x 1.5 mm²/AWG 16

Nominal screw torque

0.7 Nm

Screw dimensions

M3 Pozi slot

Mounting

TS-35 or Back Panel Mounting

Ambient temperature operation/storage

-2560 °C / -40 ... 80 °C (no ice)

Weight

61g


Included Accessories

A2-Connector

C-A2

Optional Accessories

Retaining clip, steel

HF-32 (BAG 10 PCS) for C3 / C3x Relays

HF-33 (BAG 10 PCS) for Time Cube CTx

S3-BC (BAG 5 PCS) for C3 / C3x Relays

C-A2 (BAG 5 PCS), C-A2 (BAG 50 PCS)

RD1/DC12-220V

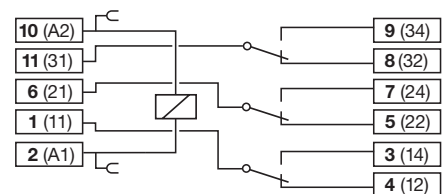
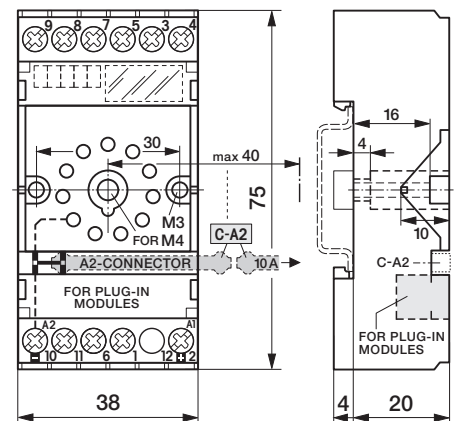
RC1/UC110-240V

Coding Ring

A2-Connector

Freewheeling Diode Module

RC-Suppressor Module

Connection diagram

Dimensions [mm]

Technical approvals, conformities


IEC/EN 50155


Socket for 11-pin Relays and Time / Monitoring Module
Rated Load **10 A / 250 V**
Specifications

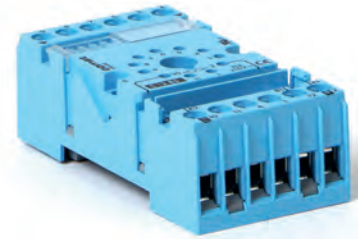
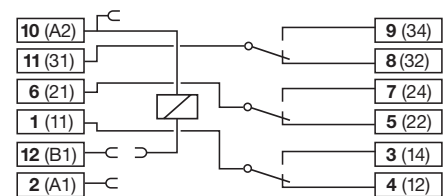
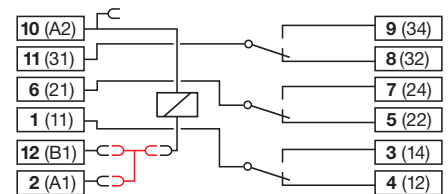
Rated impulse withstand voltage	2.5 kV rms / 1 min
– All terminals / DIN rail	2.5 kV rms / 1 min
– Terminal / Terminal	
Cross-section of connecting wire	
– Single-wire	1 x 6 mm ² / AWG 10, 2 x 1.5 mm ² / AWG 16
– Multi-wire	1 x 4 mm ² /AWG 12, 2 x 1.5 mm ² /AWG 16
Nominal screw torque	0.7 Nm
Screw dimensions	M3 Pozi slot
Mounting	TS-35 or Back Panel Mounting
Ambient temperature operation/storage	-2560 °C /-40 ... 80 °C (no ice)
Weight	61g

Included Accessories

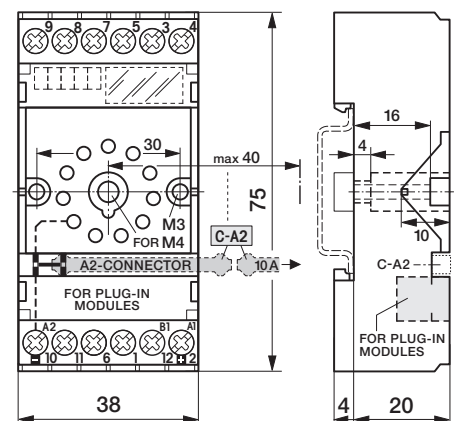
A2-Connector C-A2

Optional Accessories

Retaining clip, steel HF-32 (BAG 10 PCS) for C3 / C3x Relays
 HF-33 (BAG 10 PCS) for Time Cube CTx
 Coding Ring S3-BC (BAG 5 PCS) for C3 / C3x Relays
 A2-Connector C-A2 (BAG 5 PCS), C-A2 (BAG 50 PCS)
 Freewheeling Diode Module RD1/DC12-220V
 RC-Suppressor Module RC1/UC110-240V


Connection diagram S3-MB0

Connection diagram S3-MB1


With Bridge Connector SC-3

Dimensions [mm]

Technical approvals, conformities


S4-J**Socket for 14-pin C4 Relays**

Rated Load	10 A / 250 V
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Specifications

Rated impulse withstand voltage

– All terminals / DIN rail

2.5 kV rms / 1 min

– Terminal / Terminal

2.5 kV rms / 1 min

Cross-section of connecting wire

– Single-wire

4 mm² / AWG 12 or 2 x 2.5 mm² / AWG 14

– Multi-wire

0.34 mm² / AWG 22 - 2.5 mm² / AWG 14

Nominal screw torque

1 Nm

Screw dimensions

M3.5 Philips-slot (combo)

Mounting

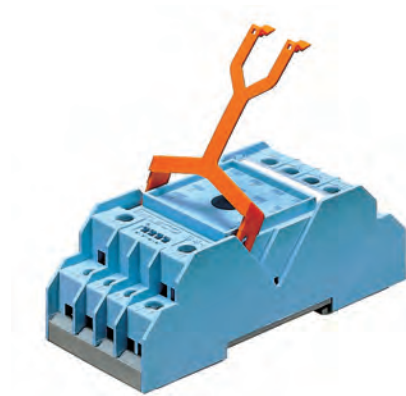
TS-35 or Back Panel Mounting

Ambient temperature

-4060 °C / -40 ... 80 °C (no ice)

Weight

80g

**Included Accessories**

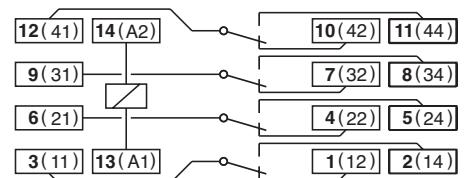
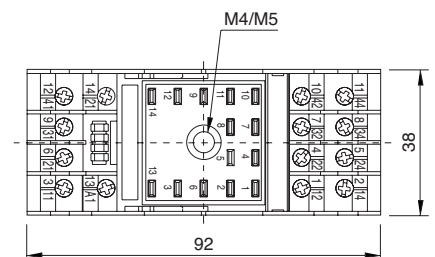
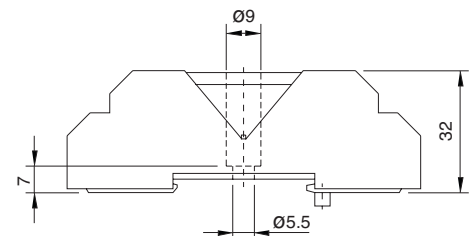
Retaining Clip, plastic

S3-C for C4 / C4x Relays

Optional Accessories

Retaining Clip, plastic

S3-C (BAG 10 PCS) for C4 Relays

**Connection diagram****Dimensions [mm]****Technical approvals, conformities**

Rated Load	10 A / 250 V
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Specifications

Rated impulse withstand voltage

– Pin / Pin

2.5 kV rms / 1 min

Ambient temperature

-30 °C ... +60 °C (no ice)

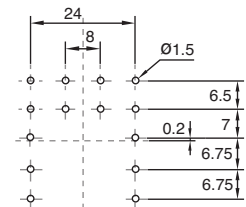
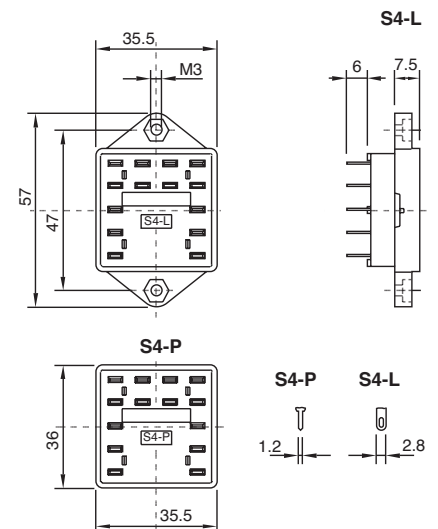
Weight

21g

Optional Accessories

Retaining spring, steel

S4-CL for C4 / C4x Relays

**Printed circuit lay-out [mm]****Dimensions [mm]****Technical approvals, conformities**

Rated Load**16 A / 400 V****Specifications**

Rated impulse withstand voltage

– All terminals / DIN rail

4 kV rms / 1 min

– Terminal / Terminal

4 kV rms / 1 min

Cross-section of connecting wire

– Single-wire

1 x 6 mm² / AWG 10, 2 x 2.5 mm² / AWG 14

– Multi wire

1 x 6 mm² / AWG 10, 2 x 1.5 mm² / AWG 16

Nominal screw torque

1 Nm

Screw dimensions

M3.5 Pozi slot

Mounting

TS-35 or Back Panel Mounting

Ambient temperature operation / storage

-40 ... 60° C / -40 ... 80° C (no ice)

Weight

92g

**Integrated Accessories**

A2-Connector

C-A2

Retaining clip, plastic

S5M-CP for C5 / C5x Relays

A1-, B1-Connector

SC-3

Optional Accessories

Retaining Clip, steel

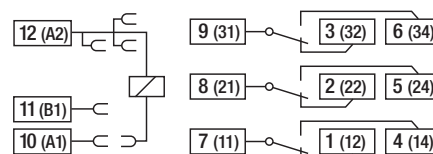
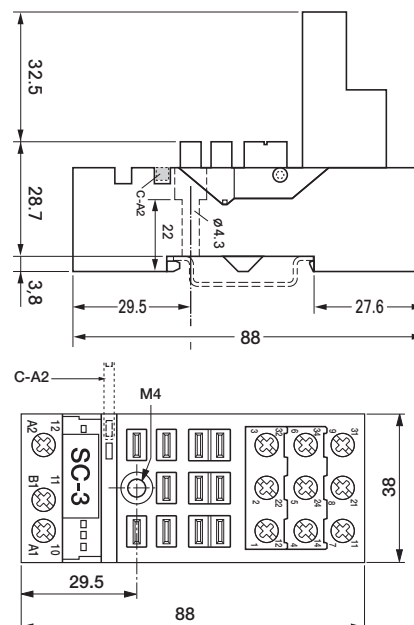
HF-32 (BAG 10 PCS) for C5 / C5x Relays

A2-Connector

C-A2 (BAG 5 PCS), C-A2 (BAG 50 PCS)

A1-, B1-Connector

SC-3 (BAG 10 PCS)

**Connection diagram****Dimensions [mm]****Technical approvals, conformities**

Rated Load	16 A / 400 V
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Specifications

Rated impulse withstand voltage

– Pin / Pin

2.5 kV rms / 1 min

Ambient temperature operation/storage

-4060 °C / -40 ... 80 °C (no ice)

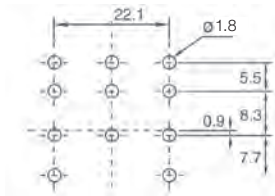
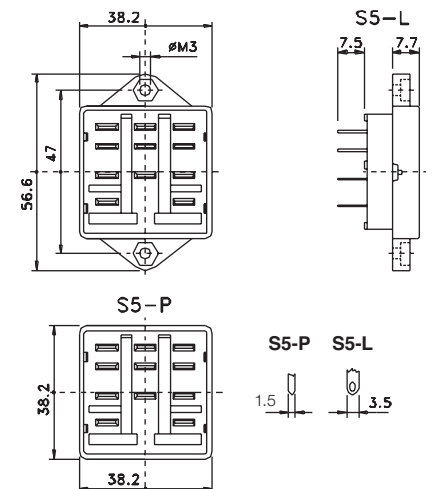
Weight

20g

Optional Accessories

Retaining spring, steel

S5-CL for C5 / C5x Relays

**Printed circuit lay-out [mm]****Dimensions [mm]****Technical approvals, conformities**

Rated Load**16 A / 400 V****Specifications**

Rated impulse withstand voltage

– All terminals / DIN rail

4 kV rms / 1 min

– Terminal / Terminal

4 kV rms / 1 min

Cross-section of connecting wire

– Single-wire

1 x 6 mm² / AWG 10, 2 x 2.5 mm² / AWG 14

– Multi wire

1 x 6 mm² / AWG 10, 2 x 1.5 mm² / AWG 16

Nominal screw torque

1 Nm

Screw dimensions

M3.5 Pozi slot

Mounting

TS-35 or Back Panel Mounting

Ambient temperature operation / storage

-40 ... 60° C / -40 ... 80° C (no ice)

Weight

92g

**Integrated Accessories**

A2-Connector

C-A2

Retaining clip, plastic

S5M-CP for C5 / C5x Relays

A1-, B1-Connector

SC-3

Optional Accessories

Retaining Clip, steel

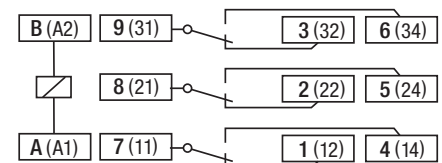
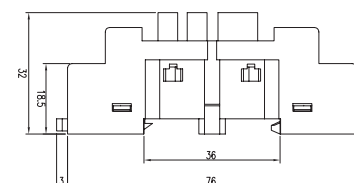
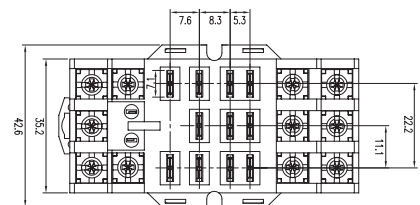
HF-32 (BAG 10 PCS) for C5 / C5x Relays

A2-Connector

C-A2 (BAG 5 PCS), C-A2 (BAG 50 PCS)

A1-, B1-Connector

SC-3 (BAG 10 PCS)

**Anschlussschema****Abmessungen [mm]****Technische Zulassungen, Konformitäten**

S7-C

Socket for 8-pin Relays

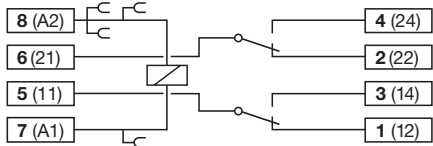
Rated Load	10A, 16A for 1-pole / 250 V
Specifications	
Rated impulse withstand voltage	2.5 kV rms / 1 min
– All terminals / DIN rail	2.5 kV rms / 1 min
– Terminal / Terminal	
Cross-section of connecting wire	
– Single-wire	4 mm² / AWG 12, 2 x 1.5 mm² / AWG 16
– Multi wire	2.5 mm² / AWG 14, 2 x 1 mm² / AWG 18
Nominal screw torque	0.7 Nm
Screw dimensions	M3 Pozzi slot
Mounting	TS-35 or Back Panel Mounting
Ambient temperature operation/storage	-40...60°C (50°C for 16A)/-40...80°C (no ice)
Weight	37g
Included Accessories	
Retaining clip, plastic	CP-07B for C7 / C7x Relays

Optional Accessories	
Retaining clip, plastic	CP-07B (BAG 50 PCS) for C7 / C7x Relays
A2-Connector	S7-BB (BAG 20 PCS)
Panel Adapter	S9-G

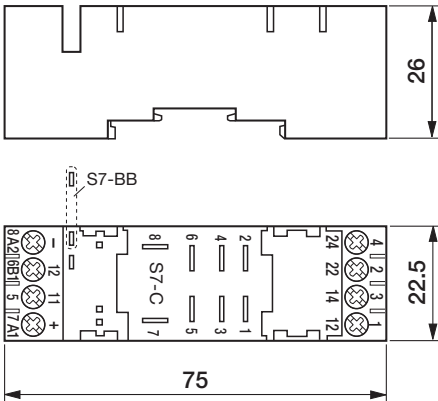
Please Note:
This socket replaces former socket S7-M and S7-16



Connection diagram



Dimensions [mm]



Technical approvals, conformities



Rated Load**10 A / 250 V****Specifications**

Rated impulse withstand voltage

– All terminals / DIN rail

2.5 kV rms / 1 min

– Terminal / Terminal

2.5 kV rms / 1 min

Cross-section of connecting wire

– Single-wire

4 mm² / AWG 12, 2 x 2.5 mm² / AWG 14

– Multi wire

0.34 mm² / AWG 22 - 2.5 mm² / AWG 14

Nominal screw torque

0.7 Nm

Screw dimensions

M3 Pozi slot

Mounting

TS-35 or Back Panel Mounting

Ambient temperature operation/storage

-40...60 °C / -40 ... 80 °C (no ice)

Weight

38g

**Included Accessories**

Retaining clip, plastic

S9-C for C7 / C7x Relays

Optional Accessories

Retaining clip, plastic

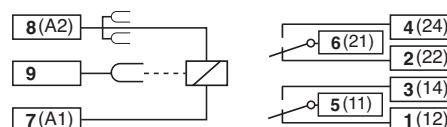
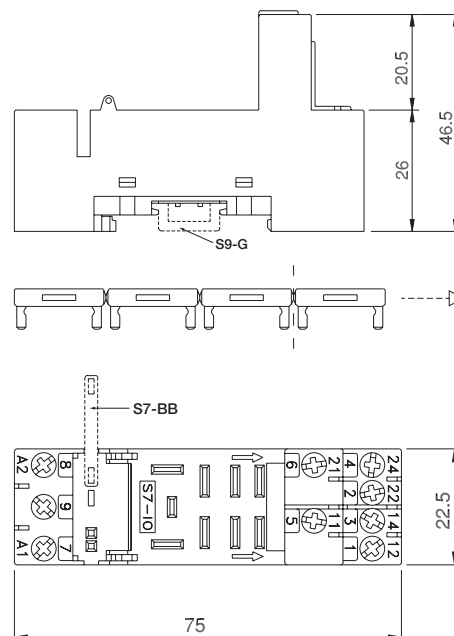
S9-C (BAG 10 PCS) for C7 / C7x Relays

A2-Connector

S7-BB (BAG 20 PCS)

Panel Adapter

S9-G (BAG 10 PCS)

**Connection diagram****Dimensions [mm]****Technical approvals, conformities**

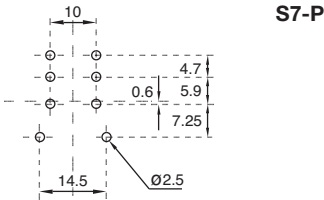
S7-P

PCB Socket for 8-pin Relays

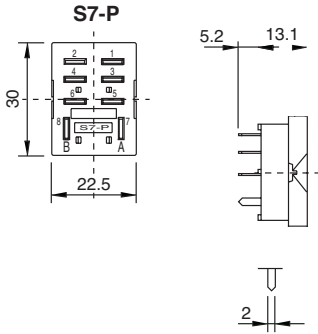
Rated Load	10 A / 250 V
Specifications	
Rated impulse withstand voltage	2.5 kV rms / 1 min
– Pin / Pin	-4060 °C /-40 ... 80 °C (no ice)
Ambient temperature operation/storage	
Weight	10g
Included Accessories	
Retaining clip, plastic	CP-07B for C7 / C7x Relays
Optional Accessories	
Retaining clip, plastic	CP-07B (BAG 50 PCS) for C7 / C7x Relays



Printed circuit lay-out [mm]



Dimensions [mm]



Technical approvals, conformities



S9-M**Socket for 14-pin Relays****Rated Load****6 A / 250 V****Specifications**

Rated impulse withstand voltage

– All terminals / DIN rail

2.5 kV rms / 1 min

– Terminal / Terminal

2.5 kV rms / 1 min

Cross-section of connecting wire

– Single-wire

4 mm² / AWG 12 or 2 x 2.5 mm² / AWG 14

– Multi-wire

0.34mm² / 22 - 2.5 mm² / AWG 14

Nominal screw torque

0.7 Nm

Screw dimensions

M3 Pozi slot

Mounting

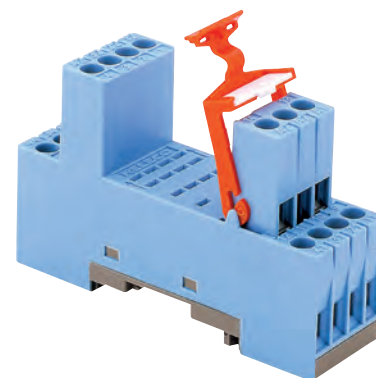
TS-35 or Back Panel Mounting

Ambient temperature operation/storage

-4060 °C / -40 ... 80 °C (no ice)

Weight

54g

**Included Accessories**

Retaining clip, plastic

S9-C for C9 / C9x Relays

Optional Accessories

Retaining clip, plastic

S9 (BAG 10 PCS) for C9 / C9x Relays

Panel Adapter

S9-G (BAG 10 PCS)

Bridge Bar

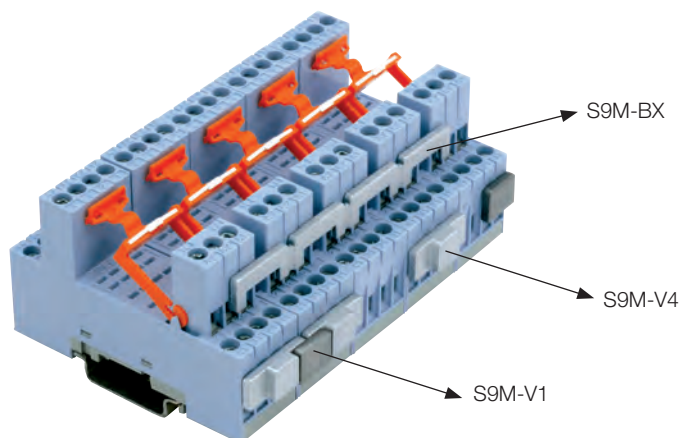
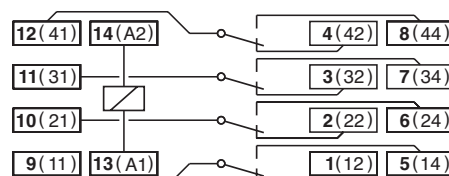
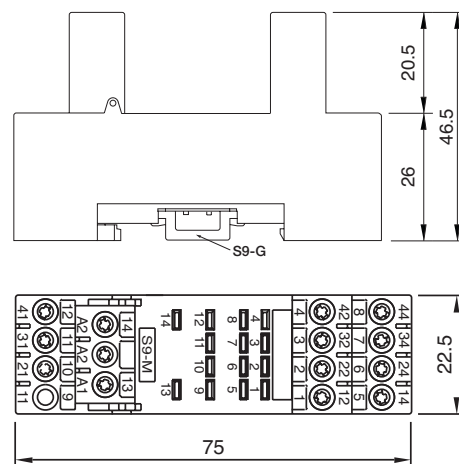
S9M-V1 (BAG 5 PCS)

Bridge Bar

S9M-V4 (BAG 5 PCS)

Bridge Bar

S9M-BX (BAG 5 PCS)

**Connection diagram****Dimensions [mm]****Technical approvals, conformities**

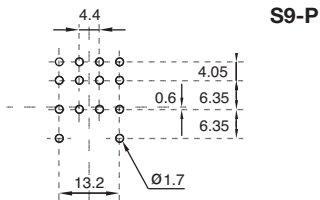
S9-P

PCB Socket for 14-pin Relays

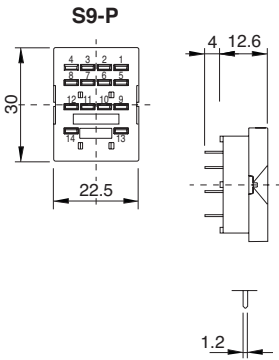
Rated Load	6 A / 150 V
Specifications	
Rated impulse withstand voltage	1.5 kV rms / 1 min
– Pin / Pin	-4060 °C /-40 ... 80 °C (no ice)
Ambient temperature operation/storage	
Weight	12g
Included Accessories	
Retaining clip, plastic	CP-07B for C9 / C9x Relays
Optional Accessories	
Retaining clip, plastic	CP-07B (BAG 50 PCS) for C9 / C9x Relays



Printed circuit lay-out [mm]



Dimensions [mm]



This print socket must be used in pollution degree 2 environment only, hence office, laboratory, household or similar. It is not suitable for industry environment (pollution degree 3).



Maximum voltage between two separate circuits on neighbouring contacts: 150 V
Not permitted: 24 V DC next to 230 V AC, 230 V AC next to neutral, 230 V AC next to 230 V AC of different phases
Permitted: 230 V AC next to 230 V AC same phase

Technical approvals, conformities



Rated Load**10 A / 250 V****Specifications**

Rated impulse withstand voltage

– All terminals / DIN rail

5 kV rms / 1 min

– Contact / Terminals

2.5 kV rms / 1 min

– Contact / Coil terminals

5 kV rms / 1 min

Cross-section of connecting wire

– Single-wire

4 mm² / AWG 12 or 2 x 2.5 mm² / AWG 14

– Multi-wire

0.34mm² / 22 - 2.5 mm² / AWG 14

Nominal screw torque

0.7 Nm

Screw dimensions

M3 Pozi slot

Mounting

TS-35 or Back Panel Mounting

Ambient temperature operation/storage

-40...60 °C / -40 ... 80 °C (no ice)

Weight

23g

**Included Accessories**

Retaining Clip, plastic

S10-C for C10 / C10x Relays

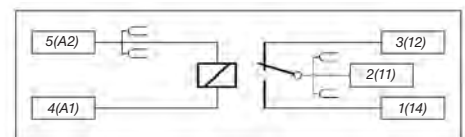
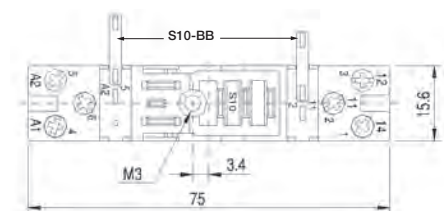
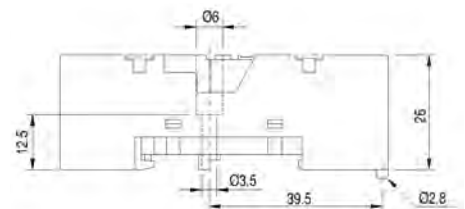
Optional Accessories

Retaining clip, plastic

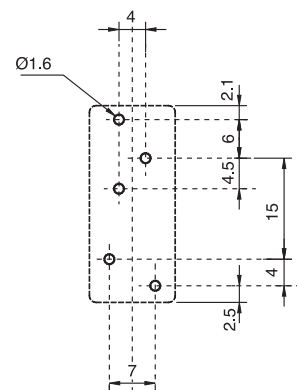
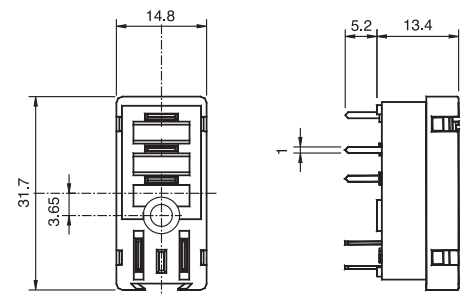
S10-C / CP-17B (BAG 10 PCS) for C10 / C10x

Bridge bar

S10-BB (BAG 20 PCS)

**Connection diagram****Dimensions [mm]****Technical approvals, conformities**

Rated Load	10 A / 250 V
Specifications	
Rated impulse withstand voltage	5 kV rms / 1 min
– Pin / Pin	–4060 °C / -40 ... 80 °C (no ice)
Ambient temperature operation/storage	
Weight	7g
Included Accessories	
Retaining clip, plastic	CP-24B for C10 / C10x Relays

**Printed circuit lay-out [mm]****Dimensions [mm]****Technical approvals, conformities**

Socket for 8-pin Relays**Rated Load****5 A / 250 V****Specifications**

Rated impulse withstand voltage

– All terminals / DIN rail

5 kV rms / 1 min

– Contact / Terminals

2.5 kV rms / 1 min

– Contacts / Coil terminals

5 kV rms / 1 min

Cross-section of connecting wire

– Single-wire

4 mm² / AWG 12 or 2 x 2.5 mm² / AWG 14

– Multi-wire

0.34mm² / 22 - 2.5 mm² / AWG 14

Nominal screw torque

0.7 Nm

Screw dimensions

M3 Pozi slot

Mounting

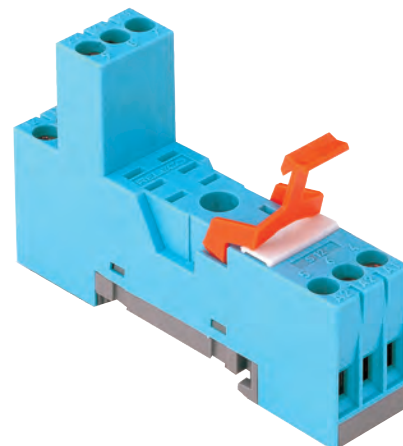
TS-35 or Back Panel Mounting

Ambient temperature operation/storage

-4060 °C / -40 ... 80 °C (no ice)

Weight

31g

**Included Accessories**

Retaining Clip, plastic

S10-C for C12 / C12x Relays

Optional Accessories

Retaining Clip, plastic

S10-C / CP-17B (BAG 10 PCS)

for C12 / C12x Relays

B20-G (BAG 5 PCS)

B20-R (BAG 5 PCS)

B20-A (BAG 5 PCS)

V10-G (BAG 5 PCS)

V10-RC (BAG 5 PCS)

V10-AC (BAG 5 PCS)

V40-G (BAG 5 PCS)

V40-R (BAG 5 PCS)

V40-AC (BAG 5 PCS)

A2-Connector grey

A2-Connector red

A2-Connector blue

Bridge Bar twofold grey

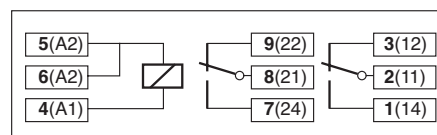
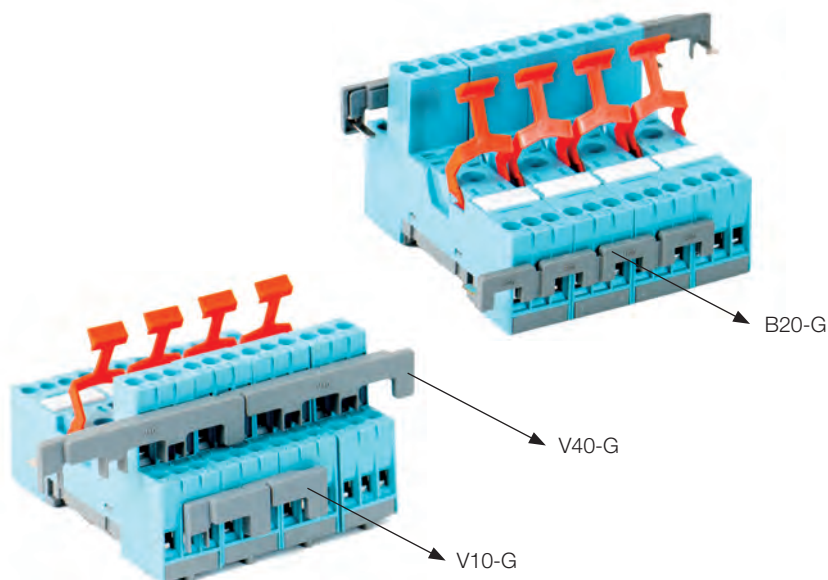
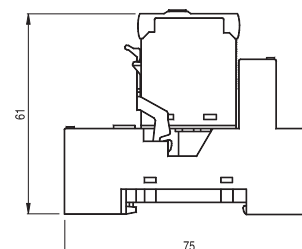
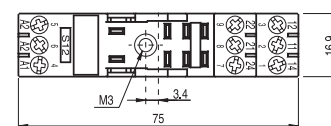
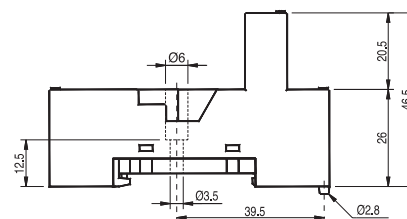
Bridge Bar twofold red

Bridge Bar twofold blue

Bridge Bar fourfold grey

Bridge Bar fourfold red

Bridge Bar fourfold blue

**Connection diagram****Dimensions [mm]****Technical approvals, conformities**

Rated Load	5 A / 250 V
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Specifications

Rated impulse withstand voltage

– Pin / Pole

3 kV rms / 1 min

– Coil / contact terminals

5 kV rms / 1 min

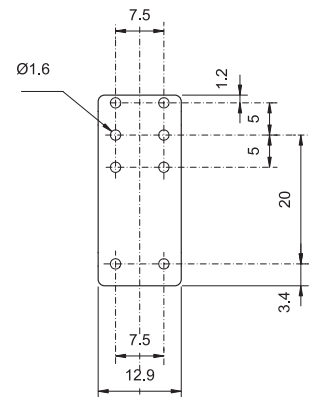
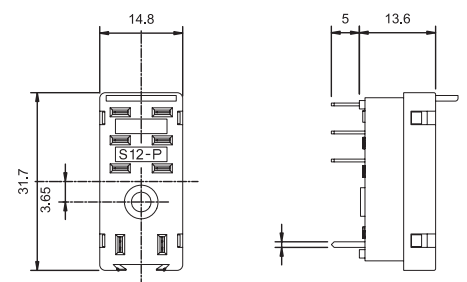
Weight

7 g

Included Accessories

Retaining clip, plastic

CP-24B for C12 / C12x Relays

**Printed circuit lay-out [mm]****Dimensions [mm]****Technical approvals, conformities**

S16-M**Socket for 8-pin Relays****Rated Load****10 A / 300 V****Specifications**

Rated impulse withstand voltage

– All terminals / DIN rail

3 kV rms / 1 min

– Terminal / Terminal

3 kV rms / 1 min

– Terminal / Coil

3 kV rms / 1 min

Cross-section of connecting wire

– Single-wire

1 × 0.5 mm² / AWG 20

– Multi-wire

1 × 2.5 mm² / AWG 14 or 2 × 1.0 mm² / AWG 18

Nominal screw torque

0.7 Nm

Screw dimensions

M3 Pozi 1 slot 2

Mounting

TS-35 or Back Panel Mounting

Ambient temperature

-40...60 °C / -40 ... 80 °C (no ice)

Weight

42 g

**Included Accessories**

Retaining / Ejector clip, plastic

CP-16

**Optional Accessories (modules)**

Free wheeling diode

RD16/DC12-240V

Green LED & free wheeling diode, 6-24VDC

RDL16/DC6-24V

Green LED & free wheeling diode, 24-60VDC

RDL16/DC24-60V

Green LED & free wheeling diode, 110-240VDC

RDL16/DC110-240V

Green LED, 6-24V AC/DC

RL16/UC6-24V

Green LED, 24-60V AC/DC

RL16/UC24-60V

Green LED, 110-240V AC/DC

RL16/UC110-240V

RC-Network 6-24V

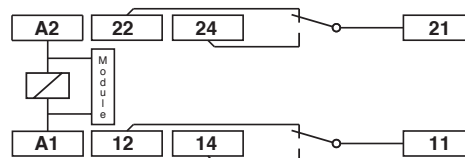
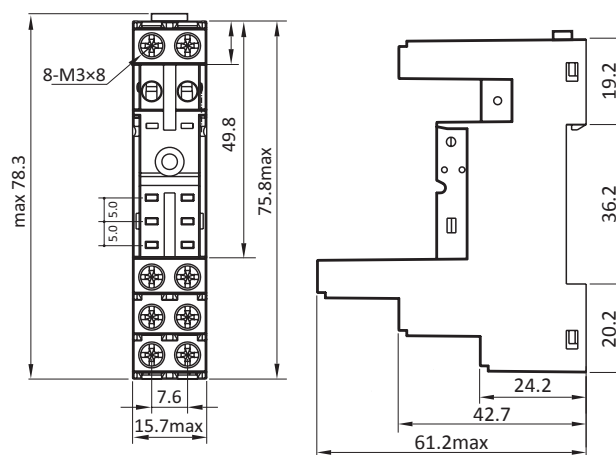
RC16/UC6-24V

RC-Network 24-60V

RC16/UC24-60V

RC-Network 110-240V

RC16/UC110-240V

Connection diagram**Dimensions [mm]****Technical approvals, conformities**

Rated Load**10 A / 300 V****Specifications**

Rated impulse withstand voltage

– All terminals / DIN rail

3 kV rms / 1 min

– Terminal / Terminal

3 kV rms / 1 min

– Terminal / Coil

3 kV rms / 1 min

Cross-section of connecting wire

– Single-wire

1 × 0.5 mm² / AWG 20

– Multi-wire

1 × 2.5 mm² / AWG 14 or 2 × 1.0 mm² / AWG 18

Nominal screw torque

0.7 Nm

Screw dimensions

M3 Pozi 1 slot 2

Mounting

TS-35 or Back Panel Mounting

Ambient temperature

-40 ... 60 °C / -40 ... 80 °C (no ice)

Weight

42 g

Included Accessories

Retaining / Ejector clip, plastic

CP-16

Optional Accessories (modules)

Free wheeling diode

RD16/DC12-240V

Green LED & free wheeling diode, 6-24VDC

RDL16/DC6-24V

Green LED & free wheeling diode, 24-60VDC

RDL16/DC24-60V

Green LED & free wheeling diode, 110-240VDC

RDL16/DC110-240V

Green LED, 6-24V AC/DC

RL16/UC6-24V

Green LED, 24-60V AC/DC

RL16/UC24-60V

Green LED, 110-240V AC/DC

RL16/UC110-240V

RC-Network 6-24V

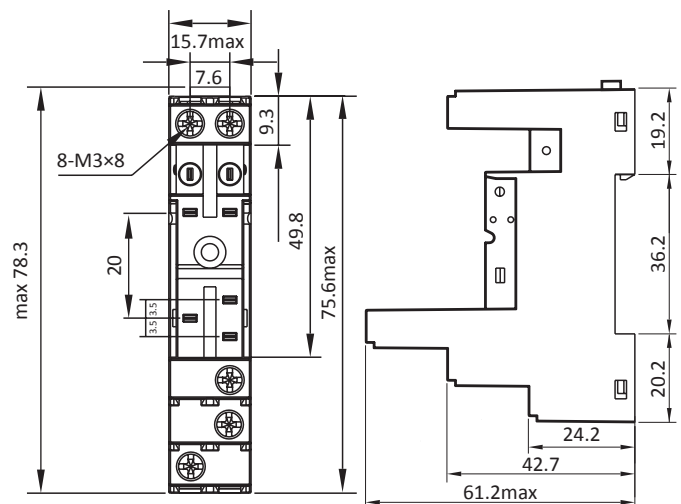
RC16/UC6-24V

RC-Network 24-60V

RC16/UC24-60V

RC-Network 110-240V

RC16/UC110-240V

**Connection diagram****Dimensions [mm]****Technical approvals, conformities**