

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 (mm)

M3 Pozzi slot

Mounting

TS-35 or Back Panel Mounting

Ambient temperature operation/storage

-40 ... 60 °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-C (BAG 10 PCS) for C9 / C9x Relays

Panel Adapter

S9-G (BAG 10 PCS)

Bridge Bar

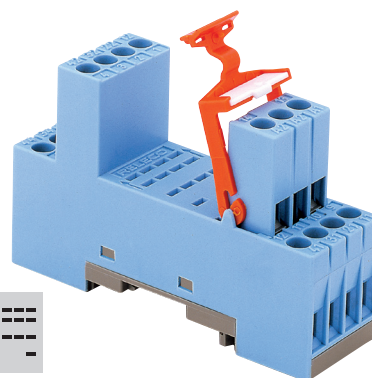
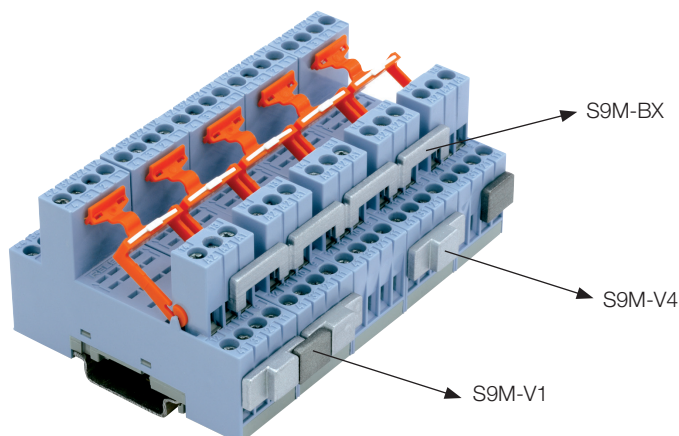
S9M-V1 (BAG 5 PCS)

Bridge Bar

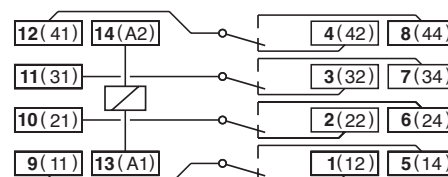
S9M-V4 (BAG 5 PCS)

Bridge Bar

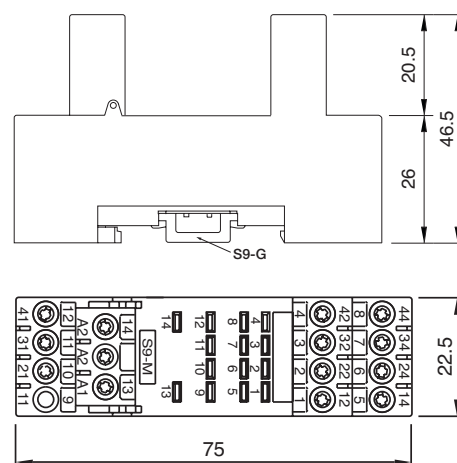
S9M-BX (BAG 5 PCS)



Connection diagram



Dimensions (mm)



Technical approvals, conformities



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	CS2 / CS3 / C64	C55 / C56	C83 / C85	CT2	CT3	CT32 / CT33 / CT36	CT515 / CT524	KDM
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-P *	Socket for industrial Relay																	●	●			●			
S3-P0 *	Socket for industrial Relay																	●	●			●			
S3-M0	Socket for industrial Relay		●											●	●		●						●	●	
S3-M1	Socket for industrial Relay		●											●	●			●	●			●			
S3-M	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					●											●								
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										●						●								

* Discontinued, limited units may be still available from stock.

Socket Accessoires																	
Type	Description	S3-M	S3-M0	S3-M1	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)					●											
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)										●						
PS-W	Labeling strips							●									
S7-BB	Bridge bar (BAG 5 PCS (5 x 4))							●		●							
S9-CH	Labeling strib white (BAG 10 PCS)									●		●					
S10-BB	Bridge bar (BAG 20 PCS (5 x 4))								●								
S10-RH	Labeling strib 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)										●						

Retaining clip selection for socket and relay

Socket type	Made in	C2 ESP	C2 ESP + CT2 Timecube	C2 IND	CT 2 IND + CT2 Timecube	C3 ESP	C3 ESP + CT3 Timecube	C3 IND	C4 ESP	C4 CN	C5 ESP	C5 CN	C7 ESP	C7 CN	C9 ESP	C9 CN	C10 ESP	C10 CN	C10 IND	C12 ESP	C12 IND	C16PTL / C18PTL	C18-A15PT	C21	C21 + CT2 Timecube	C22	C22 + CT2 Timecube	C31	C31 + CT3 Timecube	C32	C32 + CT3 Timecube	R3 ESP	R3 IND	R7 ESP	R7 CN				
EC-8	ESP	S3-C	HF-32				S3-C		HF-32															HF-32	HF-32	HF-32	HF-33	HF-32	HF-32	HF-33									
EC-11	CN																																						
S2-B, S2-S	CN	S3-OM CP-15B S3-C	S3-OM HF-32	S3-CT	S3-CT	HF-33																				HF-32													
S20-B	ESP	S3-OM CP-15B S3-C	S3-OM HF-32	S3-CT	S3-CT	HF-33																																	
S2-L, S2-P, S2-P0	ESP	S3-C	HF-32				S3-OM CP-15B S3-C	S3-CT	HF-33																														
S3-B	CN						S3-OM CP-15B S3-C	S3-CT	HF-33																			S3-OM CP-15B S3-C	S3-OM HF-32	HF-33	HF-33	HF-33	S3-C	S3-OM CP-15B HF-32					
S30-B	ESP						S3-OM CP-15B S3-C	S3-CT	HF-33																			S3-OM CP-15B S3-C	S3-OM HF-32	HF-33	HF-33	HF-33	S3-C	S3-OM CP-15B HF-32					
S3-MP	ESP						S3-OM CP-15B S3-C	S3-CT	HF-33																			S3-OM CP-15B S3-C	S3-OM HF-32	HF-33	HF-33	HF-33	S3-C	S3-OM CP-15B HF-32					
S3-S	CN						S3-OM CP-15B S3-C	S3-CT	HF-33																			S3-OM CP-15B S3-C	S3-OM HF-32	HF-33	HF-33	HF-33	S3-C	S3-OM CP-15B HF-32					
S3-L, S3-P, S3-P0	ESP						S3-C		HF-32																			HF-32	HF-32	HF-32	HF-32	HF-32	S3-C	S3-OM CP-15B HF-32					
S3-M0	ESP						S3-C	S3-CT	HF-33																			HF-32	HF-32	HF-32	HF-32	HF-32	S3-C	S3-OM CP-15B HF-32					
S4-J	CN									S3-OM CP-15B S3-C																													
S4-L, S4-P, S4-P0	ESP									S4-CL																													
S5-S	ESP										S3-OM CP-15B S4-C	S3-OM CP-15B S4-C																											
S5-M	CN										S5M-CP HF-32	S5M-CP HF-32																											
S7-C	CN												S7-CP0 CP-07B	S7-CP0 CP-07B																									
S7-40	ESP												S9-C CP-01B	S9-C CP-01B																									
S7-40	CN												S9-C CP-01B	S9-C CP-01B																									
S7-16	ESP												S7-CP0 CP-07B	S7-CP0 CP-07B																									
S7-P													S7-CP0 CP-07B	S7-CP0 CP-07B																									
S7-L, S7-P0	ESP												S9-C CP-01B	S9-C CP-01B																									
S9-M	CN												S9-C CP-01B	S9-C CP-01B																									
S9-P													S7-CP0 CP-07B	S7-CP0 CP-07B																									
S9-L, S9-P0	ESP												S9-C CP-01B	S9-C CP-01B																									
S10	CN												S10-C CP-17B	S10-C CP-17B																									
S10-P	CN												CP-24B	CP-24B																									
S12	CN																																						
S12-P	ESP																																						
S16-M	CN																																						
S18-M	CN																																						