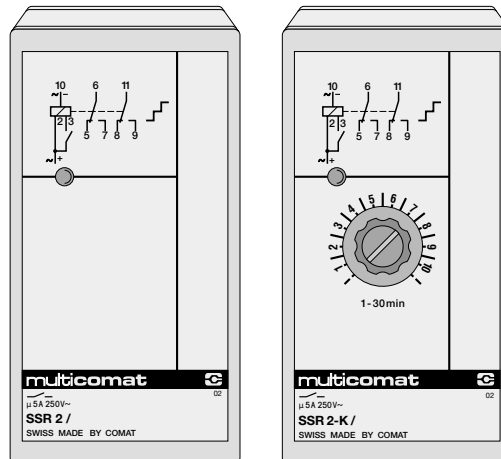
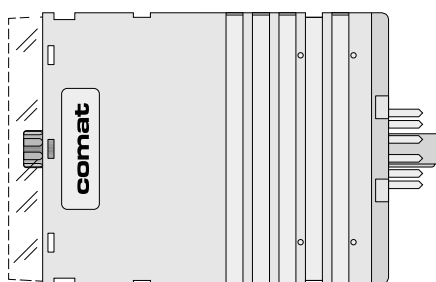


Electronic step-on step-off relays SR-2



Electronic step-on step-off relays type SR-2 with the following characteristics:

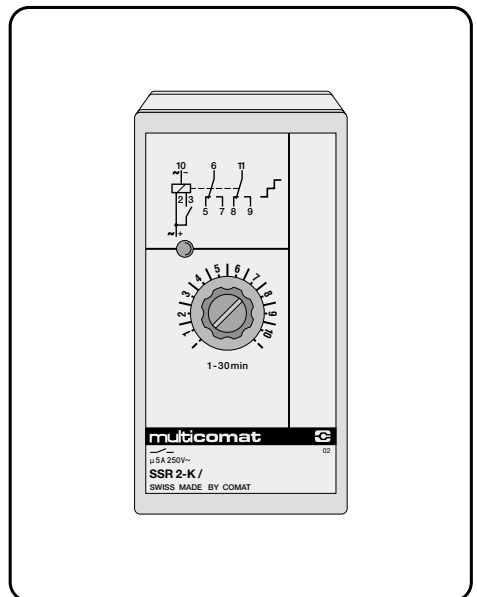
- Plug in step-on step-off relay with supply voltage control and 2 change-over contacts 5A, 250V~
- Suitable for standard 11 pin base as specification IEC 67-1-18a
- Type SSR 2 without memory
- Type SSR 2-K with time delay function, specifically designed for lighting control
- LED display on all models of relay function



Type	Time range
SSR 2-K	1 – 30min

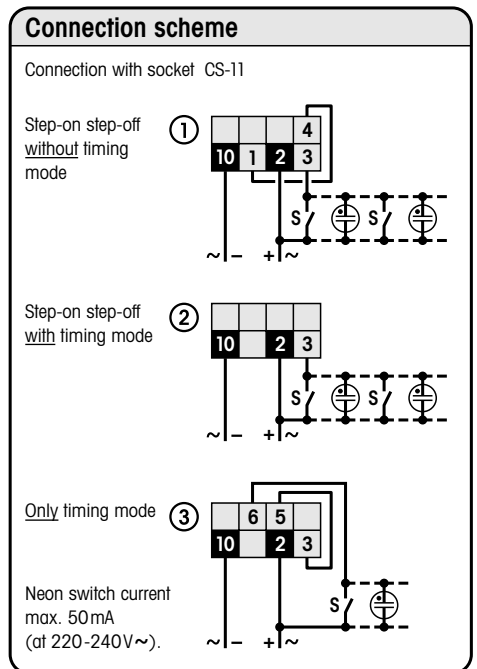
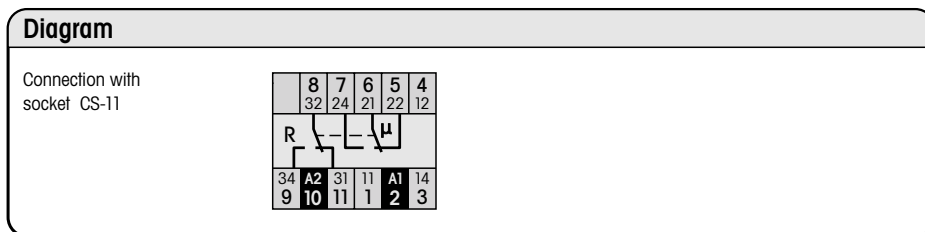
Voltages, current consumption, type				
⚡	AC 50/60 Hz/UC		Version	Ordering no.
	U min – U max	I max		
AC 220V~	185 – 245V	8 mA	with mains transformer	SSR 2-K/AC220V~
UC 24V≈	20 – 29V	55 mA		SSR 2-K/UC24V≈

Example of order: 1 step-on step-off relay SSR 2-K/AC220V



Functions	Diagram	Description	Scheme
Step-on step-off		S ⇒ R on or off	①
Step-on step-off with one shot leading edge		S (pulse or continuous contact) ⇒ R on for t S on for t ⇒ R off	②
One shot leading edge		S (pulse or continuous contact) ⇒ R on for t S does not influence R and t	③

ON OFF S = triggering ⇒ = switches... R = output circuit

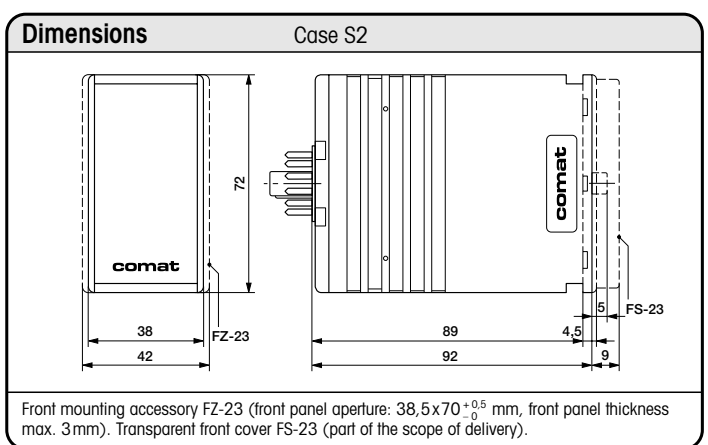


Technical data	General
Repeat accuracy ¹⁾	± 2% oder 20ms
Voltage stability	± 1% ²⁾
Temperature stability	0,1%/°C
Time range tolerance max.	-0 +20%
Reset time	100ms
Triggering time	≥ 40ms
Triggering delay time	15...40ms
Load of control contact S	6mA (75mA) ³⁾
Operating temperature range	-25... +60°C
Storage temperature range	-25... +80°C
Transient voltage protection	3kV, 50µs
Specifications/Standards	SEV, VDE 0435/0110 Gr. C
Protection/Case material	IP 40/Noryl SE1 to UL 94 V-1
Weight incl. packing	approx. 150g, with transformer approx. 250g

¹⁾ referred to the set time ³⁾ 220V execution
²⁾ max. tolerance total Data at T_{amb} = 25°C and V_{nom}

Technical data	Output circuit
Switching current max.	5A
Switching voltage max.	250V~ AC 1
Breaking capacity	AC: 1200VA; DC: ...250W
Mechanical life	2x10 ⁷ operations
Contact material	Ag Ni

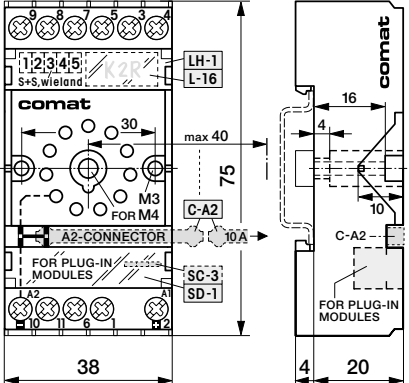
These values are valid for ohmic load or for inductive loading with spark arrest.



This issue replaces all previous issues.
Availability, errors and specifications
subject to change without notice.

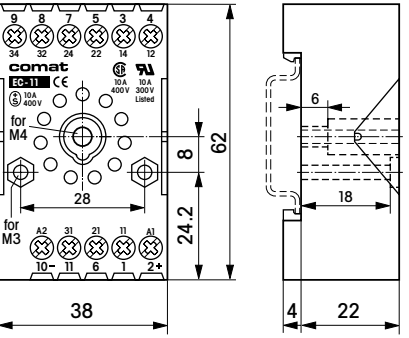
Case S2

C11A Relay socket with screw, connections for panel or DIN mounting-snap fit



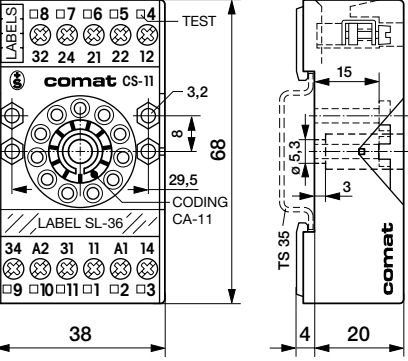
Technical drawing of relay socket C11A. Front view shows a 38x75mm footprint with 12 terminals (9-12, 3-6, 1-4) and labels LH-1, L-16, C-A2, SC-3, SD-1. Side view shows a 20mm depth with a 4mm mounting flange. Labels include 'FOR PLUG-IN MODULES' and 'M3 FOR M4'.

EC-11 Relay socket with screw, connections for panel or DIN mounting-snap fit



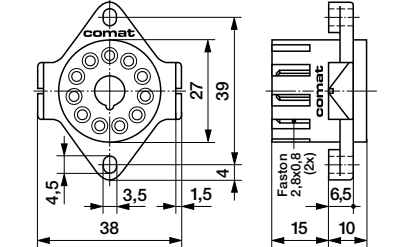
Technical drawing of relay socket EC-11. Front view shows a 38x62mm footprint with 12 terminals (9-12, 3-6, 1-4) and labels 'for M4', 'for M3', 'A2', '31', '21', '11', 'A1', '14', '10', '11', '6', '1', '2'. Side view shows a 22mm depth with a 4mm mounting flange.

CS-11 Relay socket with screw, connections for panel or DIN mounting-snap fit



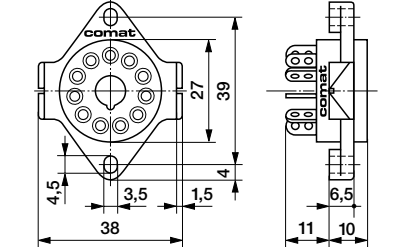
Technical drawing of relay socket CS-11. Front view shows a 38x68mm footprint with 12 terminals (8-11, 6-9, 4-7) and labels 'TEST', 'LABEL SL-36', 'CODING CA-11', 'TS 35'. Side view shows a 20mm depth with a 4mm mounting flange.

11 PGF Relay socket for fasten connectors (2xAMP 2,8x0,8 DIN 46247)



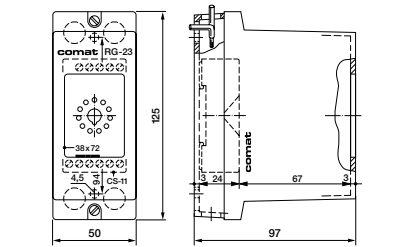
Technical drawing of relay socket 11 PGF. Front view shows a 38x39mm footprint with 6 terminals and labels 'Faston 2,8x0,8 (2x)'. Side view shows a 10mm depth with a 15mm mounting flange.

11 PGL Relay socket for chassis mounting (solder tags: 3,8x0,8 mm)



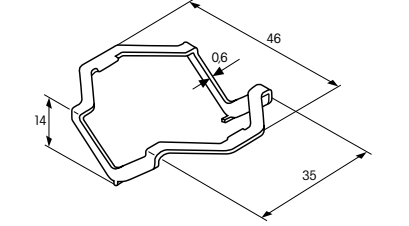
Technical drawing of relay socket 11 PGL. Front view shows a 38x39mm footprint with 6 terminals. Side view shows a 10mm depth with a 11mm mounting flange.

RG-23 Surface mounting case with built-in relay socket (protected connection terminals)



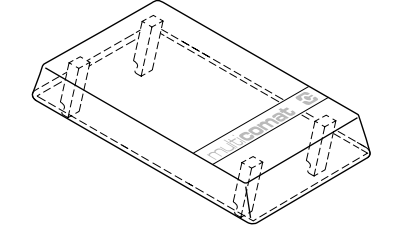
Technical drawing of surface mounting case RG-23. Front view shows a 50x125mm footprint with 6 terminals and labels '38x72', '12,5', 'CS-11'. Side view shows a 97mm depth with a 24mm mounting flange.

HF-24 Retaining clip for cases S2, S3, S4 suitable for all relay sockets



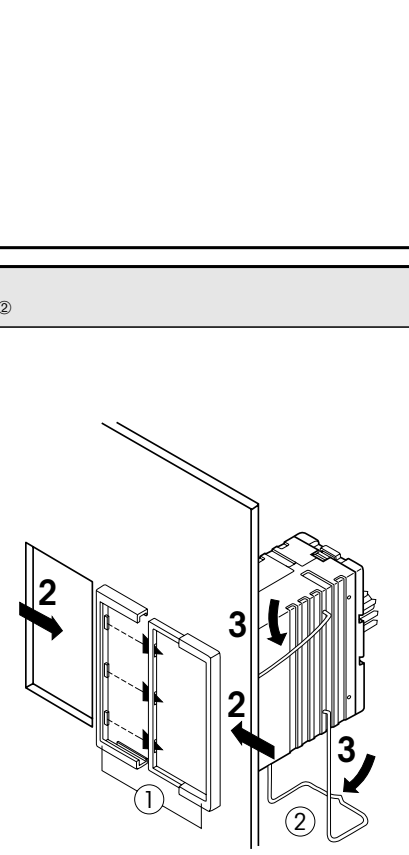
Technical drawing of retaining clip HF-24. Dimensions: 46mm length, 35mm width, 14mm height, 0,6mm thickness.

FS-23 Transparent cover (always included with the relay)



Technical drawing of transparent cover FS-23. Dimensions: 38,5mm width, 70mm height, min. 48mm length.

FZ-23 Front of panel mounting accessory comprising 2 front frame parts ① and 2 retaining clips ②



Technical drawing of front of panel mounting accessory FZ-23. Shows assembly steps: 1. Insert front frame part ① into the case. 2. Attach retaining clip ② to the side of the case. 3. Push the front frame part ① into the case until it is secured.