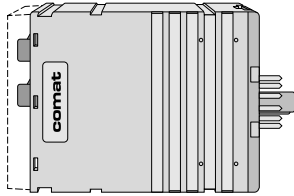
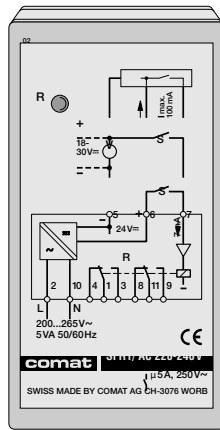


Amplifier relay SFR1



WHD(mm): 38x72x92(+9)



SFR1



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Amplifier relay

Supply unit with integrated switching amplifier for 3-wire PNP sensors, NAMUR as per DIN 19234 as well as for contact triggering also with external power supply.
The equipment belongs to the C35 family with a 11-pole plug (IEC 67-1-18a) and a fitting width of 35 mm.
The input wiring is specifically suitable for long incoming circuits.
Indication of triggering status by LED.
Robust relay output with two power changeover contacts for 5 A, 250 V.

Operating voltage	<p>U_{nominal} $U_{\text{operational}}$ Frequency Consumption</p>	<p>AC 220-240V~ AC 205-265V~ 50/60Hz 5VA</p>	<p>AC 110-120V~ AC 95-135V~ 50/60Hz 5VA</p>
Output supply	<p>DC output supply Output voltage Output current max.</p>	<p>DC 22...25V 100mA</p>	
Triggering	<p>NAMUR sensor Not vaporized Vaporized Wire break</p>	<p>output active output inactive output inactive</p>	
	<p>PNP three-wire sensor</p>		
	<p>External power supply/contact On-signal Off-signal Triggering current Parallel load energy</p>	<p>DC +18...+30V DC -30...+7,5V 7 mA at DC 24V 100V 10ms/1Hz</p>	
Output circuit	<p>Contact Contact material Switching voltage Switching current Switch rating Switching cycle mechanical electrical Triggering delay time Releasing time Switching frequency</p>	<p>μ 2 x U AgCdO/AgNi 12-250V 5A 1250VA, ...250W 2×10^7 $8 \times 10^4 / 5A, 220V$ 30...50ms 20...30ms $\leq 12\text{Hz}$</p>	
General technical data	<p>Range of temperature $T_{\text{operation}}$ Range of temperature T_{stock} Galvanic isolation Standards/instructions</p>	<p>-25...+60° C -40...+85° C > 2kV (triggering to supply and output) > 2kV (supply to triggering and output) CE; IEC 571, 255-4; EN 50082-2, 50081-1, 60065</p>	
Order no.	Amplifier relay	SFR1/AC 220-240V	SFR1/AC 110-120V