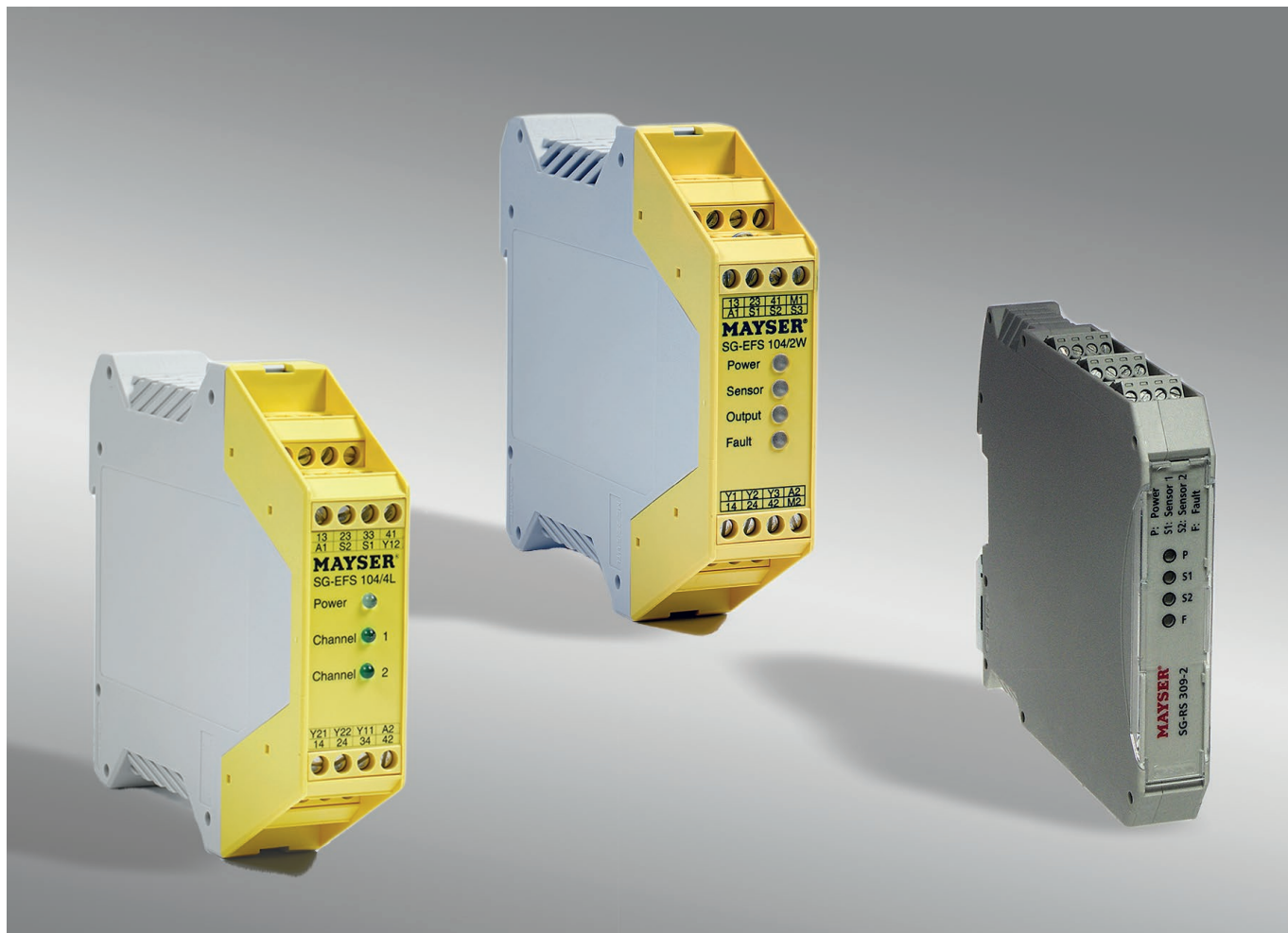




Control units SG



EN | Overview

Mayser GmbH & Co. KG

Örlinger Straße 1–3

89073 Ulm

GERMANY

Tel.: +49 731 2061-0

Fax: +49 731 2061-222

E-mail: info.ulm@mayser.com

Website: www.mayser.com

					
Type	SG-EFS 104/4L	SG-EFS 104/2W	SG-RS 309-2	RB3 system	
Safety classification					
ISO 13849-1:2015	Category 3 PL e	Category 3 PL d	Category 3 PL d	Category 2 PL d	
ISO 13856: reset function	With/without	With/without	With/without	–	
MTTF _D	100 a	257 a	937 a	50 a	
DC _{avg}	90 %	60 %	92 %	91 %	
B _{10D} [× 10 ⁶]	0.4	1.8	–	20	
Times					
Reaction time	DC: < 30 ms AC: < 50 ms	< 15 ms	< 15 ms	35 ms	
Restart time	< 500 ms	< 50 ms	< 150 ms	5 ms	
Control unit inputs					
Sensor types	SM, SP, SL, MSL, SB	SM, SP, SL, MSL, SB	SM, SP, SL, MSL, SB	SP, SL, MSL, SB	
Monitoring type	4-wire technology	1k2 or 8k2 monitoring resistor	8k2 or 10k monitoring resistor	8k2 monitoring resistor	
Monitoring circuits	1	1	2	1	
Other inputs				Test signal	
Control unit outputs					
Switching channels	1× 3-channel	1× 2-channel	2× 2-channel	2× 2-channel	
Switching current (min. / max.)	– / 5 A	– / 4 A	> 0 mA / 100 mA	– mA / 2 A	
Switching capacity (max.)	1150 VA / 120 W	1000 VA / 96 W	3.6 W	120 VA / 24 W	
Other outputs	1 signal circuit	1 signal circuit, 2 signal outputs	2 signal outputs	1 signal output	
Mechanical operating conditions					
Mounting	IEC 60715 mounting rail	IEC 60715 mounting rail	IEC 60715 mounting rail	Wall mounting	
IEC 60529: degree of protection	IP20	IP20	IP20	IP65	
Operating temperature	–25 to +55 °C	–25 to +55 °C	–40 to +70 °C	–20 to +55 °C	
Dimensions (W × H × D)	22.5 × 99 × 114.5 mm	22.5 × 99 × 114.5 mm	17.5 × 99 × 114.5 mm	82 × 190 × 40 mm 60 × 151 × 23 mm	
Variants	SG-EFS 104/4L	SG-EFS 104/2W	SG-RS 309-2	RB3 system	
Part number	1004128	1005196	1006747	1007228 + 1007229	
Connecting voltage U _s	24 V AC/DC	24 V AC/DC	24 to 36 V DC	12 to 24 V AC/DC	
Power consumption P	< 5 VA / < 3 W	< 4 VA / < 3 W	< 1.5 W	< 0.3 VA / < 0.4 W	