

Operating distance 30 mm and 40 mm

Class		Standard duty	Standard duty
Number of conductors		4-wire	4-wire
Design		Cubic 60 mm × 80 mm	Cubic 80 mm × 100 mm
Installation in metal		Not flush	Not flush
Rated operating distance s_n	mm	30	40
Enclosure material		Molded plastic	Molded plastic
Operating voltage			
• DC	V	15 ... 34	15 ... 34
• AC	V	-	-
No-load supply current I_0			
• At 24 V DC	mA	≤ 30 (24 V); ≤ 50 (34 V)	≤ 30 (24 V); ≤ 50 (34 V)
• At 230 V AC	mA	-	-
Rated operational current I_e			
• Continuous	mA	200 (≤ 50 °C); 150 (≤ 85 °C)	200 (≤ 50 °C); 150 (≤ 85 °C)
• 20 ms	mA	-	-
Minimum load current	mA	-	-
Switching frequency f	Hz	50	10
Repeat accuracy R	mm	1.0	1.0
Power-up delay t_v	ms	100	200
indicators			
• Switching status		Yellow LED	Yellow LED
• Supply voltage		Green LED	Green LED
Precautions			
• Spurious signal suppression		•	•
• Short-circuit-proof/overload-proof		•	•
• Reverse-polarity protection		•	•
• Wire-break protection		•	•
• Inductive interference protection		•	•
• Radio interference protection		•	•

Class		Standard duty	Standard duty
Degree of protection		IP65	IP56
Types with terminal compartment	Order No.	3RG4042-6CD00	3RG4043-6CD00