

Combination contact blocks

Combination contact block	Type	Screw terminals		Quick-connect terminals		Single parts
		Symbol	Order no.	Symbol	Order no.	
(1)	1 NO		5.00100.053		5.00100.061	Matching coupling with reference no. according to DIN EN 50013 5.05510.275 5.05510.634 (see "Couplings")
	1 NC		5.00100.054		5.00100.060	
(2)	1 NO 1 NC		5.00100.105		5.00100.059	Matching coupling with reference no. according to DIN EN 50013 5.05510.632 5.05510.633 (see "Couplings")
	2 NO		5.00100.104		-	
	2 NC		5.00100.103		-	

Combination lamp sockets

Combination lamp socket	Type	Screw terminals		Quick-connect terminals		Single parts
		Symbol	Order no.	Symbol	Order no.	
(3)	Lamp socket 250 V/ 1.2 W		5.00070.021		5.00070.047	Matching coupling with reference no. according to DIN EN 50013 5.05510.275 5.05510.632 5.05510.633 5.05510.634 (see "Couplings") Filament lamps see no. 2.0, Neon lamps no. 2.4, Superbright Single LEDs no. 9.4, chapter 4 "Lamps"
(4)	Lamp socket with diode and series resistor 220 V/60 V 1.2 W		5.00070.061		5.00070.126	
	Lamp socket with transformer 220 V/6 V* 1.2 W		5.00070.100		5.00070.127	

* Other voltages available on request.

Mechanical design:		Protection against contact: According to VDE 0106 Part 100 or VBG 4	
Contact type and arrangement:	Self-cleaning bridge contact NC contact with screw terminals: forcibly actuated break contact in accordance with IEC 947-5-1, EN 60947-5-1 and VDE 0660 part 200, chapter 3	Terminal marking:	According to DIN EN 50 013
Illumination:	Lamp socket for BA 9 s (MBC/MCC), 250 V AC/1.2 W max. (see specifications of 1.71209.---/1.71210.---)	Mechanical characteristics:	
Fixing:	By turning the coupling lever on the actuator	Operating force:	≤ 5 N per contact element
Contact material:	Silver alloy	Robustness of actuator:	> 100 N
Terminations		Mechanical operating life:	≧ 10 ⁶ operations
Screw terminals:	With fixed, open connections for wires 2 x 0.75 mm ² ... 2.5 mm ² or stranded wires with wire end ferrules 2 x 0.75 mm ² ... 1.5 mm ² . Two wires of different diameter can be connected at the same time.	Shock protection:	≧ 5 g for 20 ms impact duration
Quick-connect terminals:	According to DIN 46 244 Part 2 Quick-connect terminals 6.3 x 0.8 mm; suitable for 2 x 2.8 x 0.8 mm (limit value 6 A)	Temperature range:	
		Operating:	- 25 °C... + 65 °C (without lamp) - 25 °C... + 55 °C (with lamp)
		Storage:	- 40 °C... + 85 °C
		Constant environment:	acc. to IEC 68-2-3 and DIN 50 015: 40/92
		Variable environment:	acc. to IEC 68, part 2-14 and 2-33, DIN 50016: FW 24
Electrical characteristics: (according to IEC 947-5-1/EN 60 947-5-1 resp. VDE 0660 part 200)			
Switching error frequency at 24 V/5 mA DC: 100 x 10 ⁻⁶ switching errors (Switching errors: Level on load to be switched < 23 V DC)			
Protection class: II			
DC 13 Q 300 (DC)		AC 15 A 500 (AC)	
Rated operational voltage:	DC 250 V DC 125 V	Rated operational voltage:	AC 120 V AC 240 V AC 500 V
Rated operational current:	0.27 A 0.55 A	Rated operational current:	6 A 3 A 1.4 A
Conventional thermal current:	0.275 A 0.55 A	Conventional thermal current:	10 A 10 A 10 A
Rated frequency:	- -	Rated frequency:	50 Hz 50 Hz 50 Hz
Rated operational current I _E :	24 V = 2.75 A 60 V = 1.1 A 125 V = 0.55 A 250 V = 0.275 A	Life of switching element:	150 VA = 10 ⁶ operations 220 VA = 9 x 10 ⁵ operations 750 VA = 5 x 10 ⁵ operations 1500 VA = 4 x 10 ⁵ operations
L/R time constant: a) up to 5 W: 15 ms; 15 to 20 W: 50 ms; > 20 W: 200 ms b) with L/R = 200 ms; 24 V = 2.75 A; 60 V = 1.1 A; 125 V = 0.55 A; 250 V = 0.275 A		AC 15 A 500/DC 13 Q 300	
Life of switching element:	100 W: 0.75 x 10 ⁵ operations 300 W: 0.25 x 10 ⁵ operations 600 W: 0.10 x 10 ⁵ operations	Rated insulation voltage:	500 V
		Rated impulse voltage:	6000 V
		Pollution degree:	3
		Positive opening travel:	3 mm
		Max. opening travel:	3.5 mm
		Min. opening force:	20 N
		Actuating speed:	5... 1000 mm/s