

Technical Data

			Contact blocks	Lamp socket blocks	Lamp transformer block	Push-button actuators, mushroom-head push-button actuators	Emergency stop mushroom-actuator	Selector switches	Toggle switches	Mushroom-head key-operated actuator	Key-operated actuators	Illuminated push-buttons	Indicator lamps
General													
Specifications			IEC 337, VDE 0660, UL 508, CSA C 22.2 No. 14, NFC 63-0-70, BS 4794, CEE 24										
Mechanical life span	Operations		1x10 ⁷	–	3x10 ⁶	3x10 ⁶	0,1x10 ⁶	3x10 ⁵	3x10 ⁵	1x10 ⁵	1x10 ⁵	3x10 ⁶	–
Max. operating frequency	Ops/h		6000	–	–	6000	10	2500	2500	100	100	6000	–
Protective standard IEC 529/DIN 40 050			IP 20	...	...	IP 65	...	...	...	...	...	...	
Climatic tests			Damp heat, constant, to IEC 68 part 2–3 Damp heat, cyclic, to IEC 68 part 2–30										
Ambient temperature	max./min.	°C open	+60/–40...				...	...		...	...		
		°C enclosed	+60/–40...				...	...		...	...		
Impact resistance (Duration of impact 20 ms)	g		> 5				> 50	> 5		> 50	> 5		
Terminal capacity, 1 or 2 conductors Solid min./max.	mm ² (AWG)		0,75/2,5 (14)				...	...		...	...		
Stranded + flexible with ferrules to DIN 46 228	mm ² (AWG)		0,5/1,5 (14)				...	...		...	...		
Dimensions			Page 20...				...	...		...	...		

			Contact blocks	Lamp socket blocks	Lamp transformer block						Contact blocks
Contacts						Switching capacity					
Rated insulation voltage U _i	V		660/800	250	660/800	AC voltage (AC-11)					
Insulation group C to VDE 0110						Rated making capacity (cos φ = 0,7)					A
Rated thermal current I _{th}	A		10	–	–	Rated breaking capacity (cos φ = 0,4)					A
Rated operating current I _e AC-11: 220 (240)/380 (415)/500 V			6/4/2	–	–	220(240)/380(415)/500 V					
Contact life span	50 VA	Operations	8x10 ⁶	–	–	DC voltage (DC-11)					
	100 VA		3x10 ⁶	–	–	Rated making/breaking capacity (L/R ≤ 15/50/200 ms)					
	250 VA		1,2x10 ⁶	–	–	24 V d. c.					A
	750 VA		0,3x10 ⁶	–	–	60 V d. c.					A
	1500 VA		0,1x10 ⁶	–	–	110 V d. c.					A
Rated operating current I _e DC-11 (L/R = 20 ms)			2			220 V d. c.					A
60 V d. c.			1			(L/R ≤ 1 ms)					
110 V			0,4			24 V d. c.					A
220 V			0,2								
Contact life span	50 W	Operations	1x10 ⁵								
	100 W		0,75x10 ⁵								
	300 W		0,25x10 ⁵								
	600 W		0,05x10 ⁵								
Through-fault protection without welding in energized state. Max. protective device or max. fuse size, slow, gL						PKZM 3–6,3/FAZL 10					
UL/CSA data											
Max. rated voltage	V a. c.		600	300	600						
Switching capacity A 300 Heavy Pilot Duty A 600 Same polarity	A		10	–	–						