

Command System Control Circuit Devices

			Contact-elements	Illuminated push-buttons (Stay-put)	Illuminated selector switches	Indicator lights
General			IEC 947, EN 60 947, DIN VDE 0660			
Standards			10	3	0.3	-
Mechanical lifespan	Operations × 10 ⁶		-	(0.3)	-	-
	Operations × 10 ⁶		3600	3600	1800	-
Maximum operating frequency	Ops./h		-	(1800)	-	-
	Ops./h		3	4	-	-
Operating force	N		-	-	≤ 0,2	-
Operating torque	Nm		IP 20 using ISH 2,8 IP 65 IP 65 IP 65			
Degree of protection to IEC 529			Damp heat, constant, to IEC 68 Part 2-3			
Climatic proofing			Damp heat, cyclic, to IEC 68 Part 2-30			
Ambient temperature	Open	Max./min. °C	+60/-25			
	Enclosed	Max./min. °C	+40/-25			
Mounting position			As required			
Mechanical shock resistance (shock duration 10 ms)	g		40			
Terminal capacity	Max./min. mm ²		1.0/0.5			
Blade terminal			2.8 × 0.8 mm to DIN 46 244			
Fast-on connector			2.8 × 0.8 mm to IEC 760			
Dimensions	Page		21/090			
Contacts						
Rated impulse withstand voltage U _{imp}	kV		4	0.8	0.8	0.8
Rated insulation voltage U _i	V		250	250	250	250
Pollution degree			3			
Overvoltage category			III			
Rated operational voltage U _e	Max. V		250	24	24	24
Rated operational current I _e	Max. A		4	-	-	-
Control circuit reliability	At 24 V/5 mA 5 V/1 mA		< 10 ⁻⁷ , < One error in 10 ⁷ operations			
			< 5 × 10 ⁻⁶ , < One error in 5 × 10 ⁶ operations			
Use of insulated ferrule ISH 2,8	From U _e From U _e		> 24 V AC/DC recommended			
			> 50 V AC and 120 V DC obligatory, even on the unused blade terminals			
Max. short-circuit protective device						
Fuseless	Type		FAZ N B6	-	-	-
Fuse gL	A		10	-	-	-
Switching capacity						
Rated operational current I _e AC-15	230 V A 110 V 48 V 24 V		4 4 4 4			
Rated operational current I _e DC-13	230 V A 110 V 60 V 24 V		0.2 0.5 1.5 3			

RMQ 16 Technical Data

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Illuminated emergency-stop actuators	Emergency-stop actuators	Push-button actuators (Stay-put)	Selector switches	Key-operated actuators
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IEC 947, EN 60 947, DIN VDE 0660

0.1	0.1	3	0.3	0.3
-	-	(0.3)	-	-
600	600	3600	1800	1800
-	-	(1800)	-	-
25	25	4	-	-
-	-	-	≤ 0.2	≤ 0.4
IP 65	IP 65	IP 65	IP 65	IP 65

Damp heat, constant to IEC 68 Part 2-3

Damp heat, cyclic, to IEC 68 Part 2-30

+60/-25

+40/-25

As required

40

1.0/0.5

2.8 x 0.8 mm

2.8 x 0.8 mm

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21/004

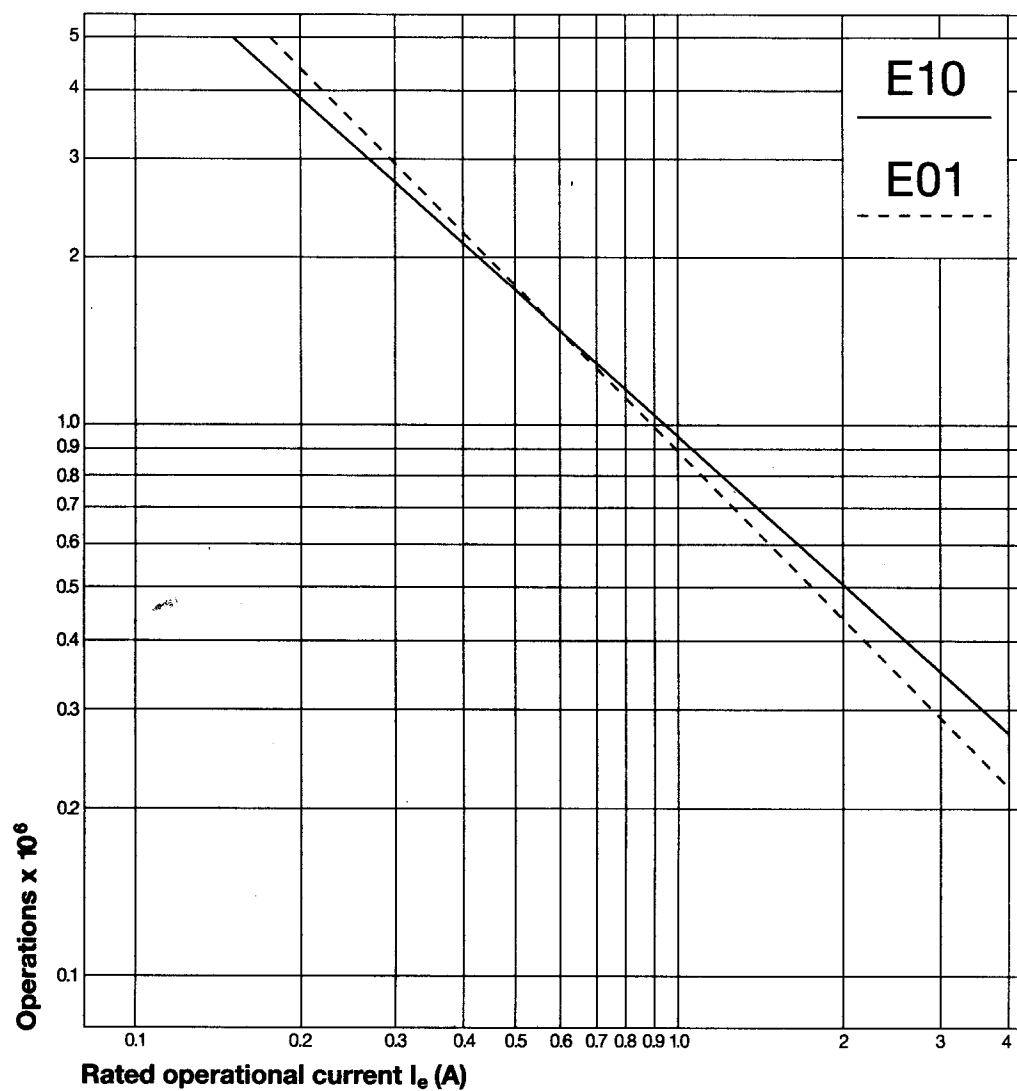
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Electrical lifespan AC-15 to EN 60 947-5-1

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