

**General**

Standards	IEC/EN 60947
Climatic proofing	Damp heat, constant,, to IEC 60068-2-78 Damp heat, cyclic. to IEC 60068-2-30
Ambinet temperature	-25°C / +70°C
Mounting position	As required
Degree of protection	IP66. IP65 for "T" Type with rubber strain

**Contacts/switching capacity**

Rated impulse withstand voltage	Uimp	VAC	4000
Rated insulation voltage	Ui	V	400
Overvoltage category/pollution degree		III/3	

**Rated operational current**

	24V	le	A	6
AC-15	230V/240V	le	A	6
	400V/415V	le	A	4
	24V	le	A	10
DC-13	110V	le	A	1
	220V	le	A	0.5

**Contral circuit reliability**

at 24V	DC / 5mA	H <sub>F</sub>	Fault probability	<10 <sup>-7</sup> , <1 failure at 10 <sup>7</sup> operations
at 5V	DC / 1mA	H <sub>F</sub>	Fault probability	<10 <sup>-6</sup> , <1 failure at 5x10 <sup>6</sup> operations
<b>Suppy frequency</b>			Hz	max. 400

**Short-circuit rating in the closed state (IEC / EN 60947-5-1)**

Fuseless	Type	PKZM0-10 FAZ-B6/1
Max. Fuseless	A gG / gL	10
<b>Short-circuit rating to IEC / EN 60947-5-1</b>		
Max. Fuseless	A gG / gL	6
Repetition accuracy	mm	±0.02

**Mechanical Variables**

Lifespan			
Standard-action contact	Operations	x10 <sup>6</sup>	8
Snap-action contact	Operations	x10 <sup>6</sup>	8
Contact temperature of roller head		°C	≤ 100
Mechanical shock resistance (half-sinusoidal shock,20ms)			
Standard-action contact		g	25
Snap-action contact		g	2
Basic unit		g	-
Operating frequency	Operations/h		≤ 6000
Actuation			
Mechanical			
Actuating force at beginning/end of stroke			
Basic units 8601		N	1.0 / 8.0
Basic units 8611		N	1.0 / 8.0
Basic units 8602		N	1.0 / 8.0
Basic units 8603		N	1.0 / 8.0
Actuating torque of rotary drives		Nm	0.2
Max. operating speed with DIN cam			
Basic units for angle of actuation 8601	a=0° / 30°	m/s	1 / 0.5
8604 for angle of actuation	a=0°	m/s	1.5
8608 for angle of actuation	a=30° , L=125mm	m/s	1.5
8607 for angle of actuation	L=130mm	m/s	1.5
8602 for angle of actuation	a=30° / 45 °	m/s	1
8603 for angle of actuation	a=30° / 45 °	m/s	1
8611 for angle of actuation	a=0° / 30°	m/s	1 / 1