



Magnetic Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Pull-In Switch unmodified	Testcoil KMS-01	15		20	AT
Drop Out Switch unmodified	Testcoil	-		-	AT
Pull-In Switch modified	Testcoil KMS-13	28		49	AT
Drop Out Switch modified	Testcoil	-		-	AT

Contact Data 71/7 (Form A/Dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			10	W
Switching Voltage	DC or Peak AC			180	V
Switching Current	DC or Peak AC			0,5	A
Carry Current	DC or Peak AC			1,5	A
Static Contact Resistance (initial)	Measured with 40% overdrive			150	mΩ
Insulation Resistance	RH 45%	10 ¹²			Ω
Breakdown Voltage		200			VDC
Operate Time, including Bounce	Measured with 40% overdrive			0,5	ms
Release Time				0,1	ms
Capacitance			0,3		pF

Environmental Data					
Shock	½ sine wave, duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating Temperature	10°C/min max. allowable	-20		70	°C
Storage Temperature	10°C/min max. allowable	-25		70	°C
Material of Case	Non-reinforced, semi-crystalline Polybutylene terephthalate (PBTP)				
Sealing Compound	Epoxy resin				
Cable	2 x single wire LIY 0,14 mm ² colour of wire: blue cable ends with 5 mm tinned leads				
Contact Resistance with Cable	Measured with 40% overdrive			300	mΩ
Remarks					