



tolerances according to DIN ISO 2768 m

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	10		15	AT
Test-Coil	Reed switch unmodified	KMS-01			

Contact data 80/1	Conditions	Min	Typ	Max	Unit
Contact-No.		80/1			
Contact-form		A			
Contact-material		Iridium			
Contact rating	Any DC combination of V & A			10	W
Switching voltage	DC or Peak AC			170	V
Switching current	DC or Peak AC			0.5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive			200	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation			250	mOhm
Contact resistance dynamic	Difference value 1,5 ms after excitation			20	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage	according to IEC 255-5	250			VDC
Operate time incl. bounce	measured with 40% overdrive			0.6	ms
Release	measured with no coil excitation			0.05	ms
Capacity	@ 10 kHz across open switch		0.4		pF

Contact dimensions	C	Conditions	Min	Typ	Max	Unit
Overall length		Tolerance according to drawing		35.8		mm
Glass body length		Tolerance according to drawing		7		mm

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-40		130	°C
Storage temperature		-55		130	°C
Soldering temperature	wave soldering max. 5 sec.	wave soldering max. 5sec.			

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Magnetic/Reed Switches](#) category:*

*Click to view products by [Standexmeder](#) manufacturer:*

Other Similar products are found below :

[AMS-20MG](#) [AMS-37-G\\_W/Brk](#) [AMS-38S-I](#) [AMS-39B-W](#) [AMS-10S-B](#) [AMS-37BROWN](#) [AMS-38MG](#) [AMS-38SB](#) [AMS-9-B](#) [AMS-T10C\(B\)](#) [4350238](#) [505-171W WHITE](#) [505-211B](#) [505-391G](#) [505-70B](#) [507-382B](#) [BMC-33B](#) [HM00-01800](#) [505-101BC](#) [505-101-GC](#) [505-101-WS](#) [505-172W](#) [505-201W](#) [505-392W](#) [505-5114B BROWN](#) [505-90G](#) [505-90I](#) [507-381BB](#) [RSW-21A-I](#) [TSW-2T](#) [AMS-10MGW](#) [AMS-37B GRAY](#) [HM00-01608LF](#) [HM00-04603LF](#) [HM00-02441BLFTR](#) [XCSDMP790L01M12](#) [KSK-1A66-2030](#) [44531-0200](#) [44531-0710](#) [MK28-1A-500W](#) [MK28-1B-500W](#) [35-756](#) [D40MLCBLM1210M](#) [D40MLCBLM125M](#) [D40PBPC2105](#) [D40PSPC2105](#) [KSK-1A52-1520](#) [KSK-1A87-2025](#) [KSK-1C90U-1530](#) [KSK-1E661-BV14501](#)