

SFR 123 X - Industry relay, 1 NO + 1NC - 10A - 6 pin



number of contacts **1 NO + 1 NC Contact**
 switching current range **1 mA to 10A**
 inrush current **30 A**
 specialities **mechanical position indication**
mechanical actuation with lever

order numbers

SFR 123 X A ..VDC/AC

contact specifications

contact material code 1 (STANDARD)	AgCuNi + 0.2 μ Au
code 2	AgCuNi + 5.0 μ Au
contact type	single contact
nominal switching capacity	250 VAC 10AAC1 30 VAC 10 A DC1
electric life expectancy at nominal load	\geq 100'000 operations 250 VAC, 10 A, AC1 (360 operations/h)
peak inrush current max.	15 A for 20 ms
switching current range	1mA to 10 A
switching power range	0,3 VA to 2500 VA

options

electrical position indication
 SFR 123X AL VDC/AC
 electrical position indication with free
 wheeling diode
 SFR 123 X AFL VDC
 electrical position indication without
 manual Push Button
 SFR 123 X ALB VDC
 electrical position indication with free
 wheeling diode without manual Push Button
 SFR 123 X AFLB VDC

general data

mechanic life expectancy	10 x 10 ⁶ operations
mechanical switching frequency	20 Hz
pull-in time	8. 0ms at DC / 3-9 ms at AC
release time	3,5 ms at DC / 4-12 ms at AC
bounce time normally open contact	3,0 ms at DC / 1-8 ms at AC
bounce time break contact	8 ms at DC / 19-16 ms at AC
shock resistance	AK: > 10 g
test voltage, coil/contact	2500 V _{eff}
test voltage, set of contacts/set of contacts	2500 V _{eff}
test voltage, open contact	2000 V _{eff}
insulation resistance	250 M Ω
creeping resistance	CTI 250
weight	app. 43 g
installation situation	any
ambient temperature	-40 to +70 °C
protection standard	IP 40

accessories

plug-in socket	ZFE-088
accessories 1	ZFE-008
accessories 2	ZPE-1-L
plug-in socket	ZFD-088
accessories 1	ZFD-008
accessories 2	ZFD-B1
plug-in socket	ZFI-088
accessories 1	ZFI-008
accessories 2	ZPE-1-L
PCB socket	ZFR-012
accessories 1	ZFR-008

tests, instructions

certificates	VDE
insulations group	VDE 0110 / group C 250 VAC

