

SFR 183 - Industry relay, 2-pole - 6A - 8 pin



number of contacts **2 Change Over**
 switching current range **1 mA to 6A**
 inrush current **15 A**
 specialities / standard **mechanical position indication**
mechanical actuation with lever

order numbers

SFR 183 A ..VDC/AC

contact specifications

contact material code 1 (STANDARD)	AgCuNi + 0.2μ Au
code 2	AgCuNi + 5.0μ Au
contact type	single contact
nominal switching capacity	250 VAC 6 A AC1 30 VDC 6 A DC1 440 VAC 4 A AC1
electric life expectancy at normal load	≥ 100'000 operations 250 VAC, 6 A, AC1 (360 operations/h)
max. inrush current	15 A for 20 ms
switching current range	1mA to 6 A
switching power range	0.3 VA to 1250 VA

options

electrical position indication
 SFR 183 AL ..VDC/AC

electrical position indication with free wheeling diode
 SFR 183 AFL VDC

electrical position indication without manual Push Button
 SFR 183 ALB VDC

electrical position indication with free wheeling diode without manual Push Button
 SFR 183 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 ACAC
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	2000 V _{eff}
test voltage, set of contacts/set of contacts	2000 V _{eff}
test voltage, open contact	1000 V _{eff}
insulation resistance	250 MΩ
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

