

SWITCHES AND REED RELAYS



Detection : Clearance, position, level, presence
Switching : Telecom, tester, measurement

Reed Switches and Mercury Tilt Switches

Detecting a clearance, a position, a level in extrem environments without mechanical link between the moving parts and without maintenance, such is the daily challenge of the Reed contact submitted to a magnetic field in industrial sectors as various as money, space, control, telecom...



Sensitivity to be specified in the order

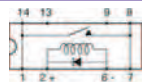
Product reference	Contact status	Max. switching voltage	Max. switching current	Max. switching power	Standard sensitivity range	Glass length
AB21	1NO	350VDC	1A	100VA	20-35ATf	21mm
AC01		30VDC	0,01A	0,25VA	5-20ATf	6mm
AC03		100VDC	0,5A	12VA	10-35ATf	10mm
AC05		100VDC	0,5A	12VA	10-35ATf	14mm
AJ21		100VDC	0,4A	10VA	10-35ATf	14mm
AV10		7500VDC	0,2A	50VA	80-130ATf	53,4mm
AD22		250VDC	1,3A	80VA	40-105ATf	52mm
AD27/28		250VDC	3A	120W	70-100ATf	50mm
AI02		200VDC	0,5A	10W	15-30ATf	10mm
AI43		200VDC	0,5A	10W	15-30ATf	15mm
AI44	200VDC	0,75A	30W	15-35ATf	20,5mm	
CD29	Change-over switch	250VAC	1A	25W	50-90ATf	34,3mm
CD30		500VAC	3A	100VA	60-100ATf	34,3mm
CG21		100VDC	0,25A	NC 3W / NO 8W	15-35ATf	14,5mm
CG21V		100VDC	0,25A	NC 3W / NO 8W	15-35ATf	14,5mm «bent»

Reed Relays in DIP enclosure

The most popular and the most industrial of the range. It offers all contact combinations. It is designed to switch inputs of telephony levels or PLC, signals from sensors or safety components.



Internal scheme (top view)



Product reference	Contact status	Characteristics of the switch			Characteristics of the coil		Specifications	Dimensions in mm
		Max. switching voltage	Max. switching current	Max. switching power	Nominal voltage	R. coil at 20°C		
D31A3100	1NO	100VDC	0,5A	10VA	5VDC	500 Ω	-	19,1x6,6x6,4
D31A3110		100VDC	0,5A	10VA	5VDC	500 Ω	diode	
D31A5100		100VDC	0,5A	10VA	12VDC	1 kΩ	-	
D31A5110		100VDC	0,5A	10VA	12VDC	1 kΩ	diode	
D31A6110		100VDC	0,5A	10VA	15VDC	2150 Ω	diode	
D31A7100		100VDC	0,5A	10VA	24VDC	2150 Ω	-	
D31A7110	1NC	100VDC	0,5A	10VA	24VDC	2150 Ω	diode	19,1x6,6x6,4
D31B3110		100VDC	0,5A	10VA	5VDC	500 Ω	diode	
D31B5110		100VDC	0,5A	10VA	12VDC	1 kΩ	diode	
D31C2100	Change-over	100VDC	0,25A	3VA	5VDC	200 Ω	-	19,1x6,6x6,4
D31C2110		100VDC	0,25A	3VA	5VDC	200 Ω	diode	
D31C5100		100VDC	0,25A	3VA	12VDC	500 Ω	-	
D31C5110		100VDC	0,25A	3VA	12VDC	500 Ω	diode	
D31C7100	2NO	100VDC	0,25A	3VA	24VDC	2150 Ω	-	19,1x6,6x6,4
D31C7110		100VDC	0,25A	3VA	24VDC	2150 Ω	diode	
D32A3100		100VDC	0,5A	10VA	5VDC	200 Ω	-	
D32A3110		100VDC	0,5A	10VA	5VDC	200 Ω	diode	
D32A5100	1NO	100VDC	0,5A	10VA	12VDC	500 Ω	-	19,1x6,6x6,4
D71A2100		100VDC	0,5A	10VA	5VDC	380 Ω	-	
D71A2110		100VDC	0,5A	10VA	5VDC	380 Ω	diode	
D71A5100		100VDC	0,5A	10VA	12VDC	530 Ω	-	

Reed Relays in SIP enclosure

Relays for high density component circuits : alarms, testers, industrial control.



Internal scheme (top view)



Product reference	Contact status	Characteristics of the switch			Characteristics of the coil		Specifications	Dimensions in mm
		Max. switching voltage	Max. switching current	Max. switching power	Nominal voltage	R. coil at 20°C		
D41A3100L	1NO	100VDC	0,5A	10VA	5VDC	500 Ω	-	19x(5 or 6)x7,5
D41A3110L		100VDC	0,5A	10VA	5VDC	500 Ω	diode	

High voltage relay

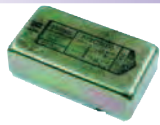
Dielectric strenght between contacts > 10KVDC and 14VDC between coil and contact.



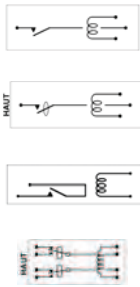
Product reference	Contact status	Max. switching voltage	Max. switching current	Max. switching power	Nominal voltage	R. coil at 20°C	Specifications	Dimensions in mm
R1380L00	1NO	7500VDC	0,2A	50VA	6VDC	75 Ω	High voltage relays	65x15,2x16,9
R1329L00		7500VDC	0,2A	50VA	12VDC	300 Ω		
R1343L00		7500VDC	0,2A	50VA	24VDC	1200 Ω		
R1402L13	1NC	5000VDC	0,2A	50VA	12VDC	300 Ω		
R1446L13		5000VDC	0,2A	50VA	24VDC	1200 Ω		
		5000VDC	0,2A	50VA	24VDC	1200 Ω		

Reed D and R Relay Range

Relays with ferro-magnetic shield in for telecom type applications

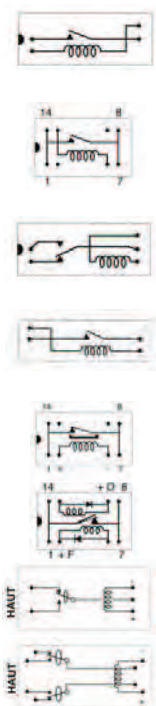


Internal scheme (top view)



Product reference	Contact status	Characteristics of the switch			Characteristics of the coil		Specifications	Dimensions in mm
		Max. switching voltage	Max. switching current	Max. switching power	Nominal voltage	R. coil at 20°C		
F51A2100	1NO	250VDC	0,4A	14VA	5VDC	345 Ω	comes in coated version réf. F81Ax100	30x9,5x10
F51A5100		250VDC	0,4A	14VA	12VDC	2145 Ω		
F51A7100		250VDC	0,4A	14VA	24VDC	7845 Ω		
F81A2500	1NO mercury	500VDC	1A	50VA	5VDC	140 Ω	Position vertically	30x9,5x10
F81A5500		500VDC	1A	50VA	12VDC	1000 kΩ		
F81A7500		500VDC	1A	50VA	24VDC	2300 Ω		
F61A2100	1NO	250VDC	0,4A	14VA	5VDC	345 Ω	Coil/contact insulation 4KV	30x9,5x11
F61A5100		250VDC	0,4A	14VA	12VDC	2145 Ω		
F61A7100		250VDC	0,4A	14VA	24VDC	7845 Ω		
F72C2500	2 mercury wetted change-over switch	500VDC	1A	50VA	5VDC	75 Ω	Position vertically	30x16,5x11
F72C5500		500VDC	1A	50VA	12VDC	350 Ω		
F72C7500		500VDC	1A	50VA	24VDC	1350 Ω		

Internal scheme (top view)



Product reference	Contact status	Characteristics of the switch			Characteristics of the coil		Specifications	Dimensions in mm			
		Max. switching voltage	Max. switching current	Max. switching power	Nominal voltage	R. coil at 20°C					
R0292B00	1NO	100VDC	0,4A	12VA	4VDC	250 Ω	-	23x7,5x6,7			
R0293B08		100VDC	0,4A	12VA	5VDC	450 Ω					
R0294B08		100VDC	0,4A	12VA	12VDC	1600 Ω					
R0295B08		100VDC	0,4A	12VA	24VDC	2800 Ω					
R0550B08		100VDC	0,4A	12VA	4VDC	500 Ω					
R0551B08	1NO	100VDC	0,4A	12VA	5VDC	500 Ω	DIL layout	20,2x10,1x7,2			
R0552B08		100VDC	0,4A	12VA	12VDC	1000 kΩ					
R0553B08		100VDC	0,4A	12VA	24VDC	2150 Ω					
R0250W00		change-over	100VDC	0,25A	3VA	4VDC			75 Ω	-	23x7,5x6,7
R0251W00			100VDC	0,25A	3VA	6VDC			150 Ω		
R0252W00	100VDC		0,25A	3VA	12VDC	500 Ω					
R0253W00	100VDC	0,25A	3VA	24VDC	1800 Ω	step 5,08	65x15,5x16				
R0115S06	1NO	250Veff	3A	100VA	6VDC			250 Ω			
R0116S06		250Veff	3A	100VA	12VDC			1000 kΩ			
R0117S06		250Veff	3A	100VA	24VDC			4 kΩ			
R0542B08	1NC	100VDC	0,4A	12VA	4VDC			200 Ω	DIL layout	20,2x10,1x7,2	
R0543B08		100VDC	0,4A	12VA	5VDC	200 Ω					
R0544B00		100VDC	0,4A	12VA	12VDC	500 Ω					
R0546B00		100VDC	0,4A	12VA	24VDC	2150 Ω					
R0585B01	1NO bistable 2 coils	100VDC	0,2A	5VA	5VDC	2x500 Ω	DIL layout / diode	20,2x10,1x10			
R0582B01		100VDC	0,2A	5VA	12VDC	2x1500 Ω					
R0861P12	mercury wetted change-over switch	500VDC	2A	100VA	5VDC	335 Ω	position vertically	40,8x14,2x10,4			
R0760P00		500VDC	2A	100VA	12VDC	680 Ω					
R0761P00		500VDC	2A	100VA	24VDC	2650 Ω					
R0866P00	2 mercury wetted change-over switch	500VDC	2A	100VA	5VDC	125 Ω	position vertically	40,8x19,8x10,4			
R0720P00		500VDC	2A	100VA	12VDC	355 Ω					
R0721P00		500VDC	2A	100VA	24VDC	800 Ω					