

Reed relays and switches

SCOPE

Detection

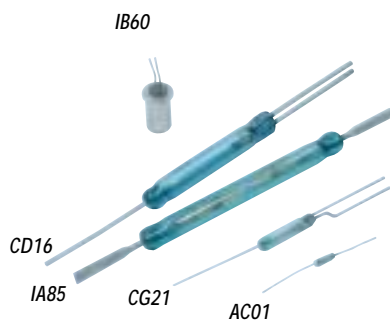
Clearance, position, level, presence

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 varied as money, space, control, telecom...



Sensitivity to be specified at the order

PRODUCT REFERENCE	Contact type	Max. switching voltage	Max. switching current	Max. switching power	standard sensitivity range	Glass length	
AC01	1NO	30VDC	0,01A	0,25VA	5-20ATF	6mm	
AC03		100VDC	0,5A	12VA	10-35ATF	10mm	
AC05		100VDC	0,5A	12VA	10-35ATF	14mm	
AC11		24VDC	0,1A	1VA	15-30ATF	10mm	
AD22		250VDC	1,3A	80VA	40-105ATF	52mm	
AI01		200VDC	0,5A	10VA	15-35ATF	14mm	
AJ21		100VDC	0,5A	10VA	10-35ATF	14mm	
IA21		100VDC	0,4A	12VA	10-30ATF	15mm	
IA23		250VDC	0,5A	20VA	15-35ATF	21mm	
IA83		250VDC	1A	50VA	35-72ATF	53,4mm	
IA85		250Veff	3A	100VA	72-110ATF	53,4mm	
CD16		Change-over switch	500VDC	1,5A	50VA	50-80ATF	39,7mm
CD20			220VDC	1A	60VA	70-90ATF	52mm
CG21			100VDC	0,25A	NF 3W/NO 8W	10-30ATF	14,5mm
CG21V	100VDC	0,25A	NF 3W/NO 8W	10-30ATF	14,5mm, "with bending"		
IB600099	Tilt switch	240VDC	0,4A	60VA	-	mercury switch	

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 type	Characteristics of the bulb			Characteristics of the coil		Specifications	Dimensions mm	
			Max. switching voltage	Max. switching current	Max. switching power	Voltage rating	R. coil at 20°C			
	D31A3100	1NO	100VDC	0,5A	10VA	5VDC	500 Ω	-	19,1 x 6,6 x 6,4	
	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		100VDC	0,5A	10VA	24VDC	2150 Ω	diode		
	D31B3110	1NC	100VDC	0,5A	10VA	5VDC	500 Ω	diode	19,1 x 6,6 x 6,4	
	D31B5110		100VDC	0,5A	10VA	12VDC	1 kΩ	diode		
		D31C2100	Change-over switch	100VDC	0,25A	3VA	5VDC	200 Ω	-	19,1 x 6,6 x 6,4
		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		
	D32A2100	2NO	100VDC	0,5A	10VA	5VDC	125 Ω	-	19,1 x 6,6 x 6,4	
	D32A2110		100VDC	0,5A	10VA	5VDC	125 Ω	diode		
	D32A5100		100VDC	0,5A	10VA	12VDC	500 Ω	-		
	D71A2100	1NO	100VDC	0,5A	10VA	5VDC	380 Ω	-	19,1 x 6,6 x 5,5	
	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.

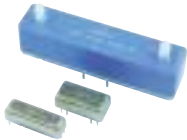
Internal scheme top view	PRODUCT REFERENCE	Contact type	Characteristics of the bulb			Characteristics of the coil		Specifications	Dimensions mm
			Max. switching voltage	Max. switching current	Max. switching power	Voltage rating	Coil Resistance		
	D41A3100L	1NO	100VDC	0,5A	10VA	5VDC	500 Ω	-	19 x (5 or 6) x 7,5
	D41A3110L		100VDC	0,5A	10VA	5VDC	500 Ω	diode	

Reed F and R RELAY RANGE

Relays with ferro-magnetic shielding for telecom type applications



Internal scheme top view	PRODUCT REFERENCE	Contact type	Characteristics of the bulb			Characteristics of the coil		Specifications	Dimensions mm
			Max. switching voltage	Max. switching current	Max. switching power	Voltage rating	R. coil at 20°C		
	F51A2100	1NO	250VDC	0,4A	14VA	5VDC	345 Ω	comes in coated version réf. F81	30 x 9,5 x 10
	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	30 x 9,5 x 10
	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	31 x 9,5 x 11
	F61A5100		250VDC	0,4A	14VA	12VDC	2145 Ω		
	F61A7100		250VDC	0,4A	14VA	24VDC	7845 Ω		
	F72C2500	mercury wetted Change-over switch	500VDC	1A	50VA	5VDC	75 Ω	Position vertically	30 x 16,5 x 11
	F72C5500		500VDC	1A	50VA	12VDC	350 Ω		
	F72C7500		500VDC	1A	50VA	24VDC	1350 Ω		



Internal scheme top view	PRODUCT REFERENCE	Contact type	Characteristics of the bulb			Characteristics of the coil		Specifications	Dimensions mm
			Max. switching voltage	Max. switching current	Max. switching power	Voltage rating	R. coil at 20°C		
	R0292B00	1NO	100VDC	0,4A	12VA	4VDC	250 Ω	-	23 x 7,5 x 6,7
	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	1NO	100VDC	0,4A	12VA	4VDC	500 Ω	DIL layout	20,2 x 10,1 x 7,2
	R0551B08		100VDC	0,4A	12VA	5VDC	500 Ω		
	R0552B08		100VDC	0,4A	12VA	12VDC	1000 kΩ		
	R0553B08		100VDC	0,4A	12VA	24VDC	2150 Ω		
	R0250W00	Change-over switch	100VDC	0,25A	3VA	4VDC	75 Ω	-	23 x 7,5 x 6,7
	R0251W00		100VDC	0,25A	3VA	6VDC	150 Ω		
	R0252W00		100VDC	0,25A	3VA	12VDC	500 Ω		
	R0253W00		100VDC	0,25A	3VA	24VDC	1800 Ω		
	R0115S06	1NO	250Veff	3A	100VA	6VDC	250 Ω	step 5,08	65 x 15,5 x 16
	R0116S06		250Veff	3A	100VA	12VDC	1000 kΩ		
	R0117S06		250Veff	3A	100VA	24VDC	4 kΩ		
	R0542B08	1NF	100VDC	0,4A	12VA	4VDC	200 Ω	DIL layout	20,2 x 10,1 x 7,2
	R0543B08		100VDC	0,4A	12VA	5VDC	200 Ω		
	R0544B08		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	diode	20,2 x 10,1 x 10
	R0582B01		100VDC	0,2A	5VA	12VDC	2x1500 Ω		
	R0861P12	mercury wetted Change-over switch	500VDC	2A	100VA	5VDC	335 Ω	position vertically	40,8 x 14,2 x 10,4
	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 possible C.O.T.	40,8 x 19,8 x 10,4
	R0720P00		500VDC	2A	100VA	12VDC	355 Ω		
	R0721P00		500VDC	2A	100VA	24VDC	800Ω		

HIGH VOLTAGE RELAYS

	R1380L00	1NO	7500VDC	0,2A	50VA	6VDC	75 Ω	High voltage relays	65 x 15,2 x 16,9
	R1329L00		7500VDC	0,2A	50VA	12VDC	300 Ω		
	R1343L00		7500VDC	0,2A	50VA	24VDC	1200 Ω		