Halbleiter- und Photovoltaik (-MOS)-Relais

Anbieter (Hersteller)	der Anbieter ist: Hersteller	der Anbieter ist: Distributor	Relaistypen: Halbleiter-/Solid-State-Relais	Relaistypen: Photovoltaik-Relais / optische MOS-Relais	geeignet zum Schalten von: Gleichspannung	geeignet zum Schalten von: Wechselspannung	Schaltleistung (in A): bis 0,5	Schaltleistung (in A): über 0,5 bis 2	Schaltleistung (in A): über 2 bis 5	Schaltleistung (in A): über 5 bis 10	Schaltleistung (in A): über 10 bis 20	Schaltleistung (in A): über 20	Spannungsfestigkeit zwischen Ein- und Ausgang (in kV): min.	Spannungsfestigkeit zwischen Ein- und Ausgang (in kV): max.	Einschaltzeit: min. (in µs)	Einschaltzeit: max. (in ms)	Ausschaltzeit: min. (in µs)	Ausschaltzeit: max. (in ms)	min. Ausgangs-Leckstrom (in µA): seriell	min. Ausgangs-Leckstrom (in µA): parallel	max. Ausgangs-Leckstrom (in mA): seriell	max. Ausgangs-Leckstrom (in mA): parallel	Schutzfeatures: RC-Glied	Schutzfeatures: Varistor	Überwachungsfunktionen: Spannung	Überwachungsfunktionen: Strom	Überwachungsfunktionen: Temperatur	Überwachungsfunktionen: sonstige	Nullpunktschaltung: ja	Nullpunktschaltung: nein	Nullpunktschaltung: Softstart	Polzahl: 1-polig	Polzahl: 2-polig	Polzahl: 3-polig	Polzahl: 4-polig	Polzahl: sonstige	Gehäuse: bedrahtet	Gehäuse: SMD	Gehäuse: steckbar	Gehäuse: schraubbar	Gehäuse: auf DIN-Schiene aufrastbar	bleihaltige Versionen weiterhin erhältlich
101 automation, www.101 automation.de (Kaleja Elektronik)		X	●		●	●	●	●	●	●			1,5	2,5	50	5	50	5	200	200	0,2	0,2	●	●		●	●		●			●					●	●	●	●		
ABB Stotz-Kontakt, www.abb.de/stotz-kontakt	X		●		●	●	●	●	●	●	●	●	1	4	10	10	250	20	<300		3		●	●					●	●		●		●				●	●	●		
Adelco Elektronik, www.adelco-elektronik.de (Teledyne)		X	●	●	●	●	●	●	●	●	●	●	1	4	20	10000	150	10000	0,2		3	15	●	●				●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
AL-Elektronik Distribution, www.al-elektronik.de (Finder)		X	●	●	●	●	●	●	●	●	●	●	2,5	6	0,04	15	0,6	12					●	●					●		●	●	●	●		●		●	●	●		
AmpPower, www.amppower.de (Micropac Industries)		X	●		●	●					●		1	2		300		300	8	8	15	15	●	●	●	●	●	●	●	●	●	●	●			●	●	●				
AMS Technologies, www.ams.de (C3 Semi)		X	●		●	●	●	●	●			●		4		0,0093		0,0093			5	5	●						●		●	●	●		●		●	●				
Arrow Electronics, www.arrowce.com (Crydom, Omron, Panasonic Electric Works)		X	●	●	●	●	●	●	●	●	●	●	1,5	5	20	10000	20	10000	0,2	0,2	5	5	●	●		●			●	●		●	●		●	●	●	●	●		
Avnet Abacus, www.avnet-abacus.eu (Panasonic Electric Works, Fujitsu, Grayhill)		X	●	●	●	●	●	●	●	●	●	●	0,5	5	10	20	20	20	0,01		9		●	●	●	●		●	●	●		●	●		●	●	●	●	●	●	●	●
Beck Elektronik, www.beck-elektronik.de (Sharp, Song Chuan)		X	●		●	●	●	●	●	●	●	●	2,5	5	60	10	20	10	10	10	0,1	0,1	●	●					●			●		●				●		●	●	
Buchholz electronic, www.buchholz-electronic.de (Celduc, Carlo Gavazzi)		X	●	●	●	●	●	●	●	●	●	●											●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Bürklin, www.buerklin.com		X	●	●	●	●	●	●	●	●	●	●	1,5	5									●	●	●	●			●	●	●	●	●	●		●	●	●	●	●		
Celduc Relais, www.celduc.com	X		●	●	●	●		●	●	●	●	●	2,5	4	100	10	100	10					●	●	●	●	●	●	●	●	●	●	●	●	●		●		●	●	●
Codico, www.codico.com (Celduc)		X	●	●	●	●	●	●	●	●	●	●	2,5	4	100	10000	10	200	0,1	0,5	20	10	●	●	●	●			●		●	●	●	●	●	●	●	●		●		
Conrad Electronic, www.conrad.biz (Crydom, Panasonic, Finder, Siemens)		X	●	●	●	●	●	●	●	●	●	●		1,2									●	●	●	●	●	●	●	●	●	●			●	●	●	●		
Crydom SSR, www.crydom.com	X		●		●	●	●	●	●	●	●	●	2,5	4	10		10		<100		0,1		●	●	●		●	●	●	●	●	●	●		●	●		●	●	●		
Distrelec Schuricht, www.distrelec.de (Siemens, Carlo Gavazzi, Selectron, Crydom, Omron, Crouzet, Panasonic, Clare)		X	●	●	●	●	●	●	●	●	●	●	2,5	5									●	●	●	●	●	●	●			●	●	●		●		●	●	●		
Dold & Söhne, www.dold.com	X		●			●						●	4	4										●	●	●	●	●	●		●	●	●								●	
Ecomal, www.ecomal.com (Vishay, Panasonic)		X	●	●	●	●	●	●	●	●	●	●	1,5	5,3	20	10	20	10	20pA	20pA	5	5	●	●		●			●	●		●		●	●	●	●	●		
Elektrosil, www.elektrosil.com (Fujitsu Takamisawa)		X	●	●	●		●	●	●	●	●	●	1,5V	24V									●		●	●			●			●	●	●	●	●		●	●			
Endrich Bauelemente, www.endrich.com (Cosmo, Everlight)		X	●	●	●	●	●	●	●	●	●	●	1,5	5	0,3	1,5	0,3	1,5											●			●	●				●	●		●		
Farnell, www.farnell.de (Crydom, Siemens, Celduc, Opto22, Panasonic, Omron, Finder, Carlo Gavazzi)		X	●	●	●	●	●	●	●	●	●	●	2,5	4	10			10					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Future Electronics, www.futureelectronics.com (International Rectifier, Clare, Ixys, Crydom, Tyco, Vishay, Fairchild)		X	●	●	●	●	●	●	●	●	●	●											●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Gavazzi, Carlo, www.gavazzi.de	X		●		●	●	●	●	●	●	●	●	4000	4000	160	10000	160	10000	1		3		●	●	●	●	●		●	●	●	●	●	●		●		●	●	●		
Gudeco-Elektronik, www.gudeco.de (Comus, Omron, Zettler)		X	●	●	●	●	●	●	●	●			1,5	5	100	800	100	1000						●					●			●	●	●	●	●	●	●				●
Henskes Electronic, www.henskes.de		X	●	●	●	●	●	●	●	●	●	●	1,5	5	80	1000	50	1000			1	1	●	●	●	●	●	●	●			●	●				●	●	●	●	●	
Hongfa, www.hongfa-europe.com	X		●	●	●	●						●	1,5	4	50	10	300	10	1		10		●	●	●				●			●	●	●			●		●	●	●	
Hot-Electronic, www.hot-electronic.de (Teledyne Relays)		X	●	●	●	●	●	●	●	●	●	●	1	4	120	3000	150	4000	0,4		7		●	●	●	●	●		●		●	●	●	●	●		●	●	●	●	●	●

Halbleiter- und Photovoltaik (-MOS)-Relais

Anbieter (Hersteller)	der Anbieter ist		Relais-typen			geeignet zum Schalten von		Schaltleistung (in A)					Spannungsfestigkeit zwischen Ein- und Ausgang (in kV)		Einschaltzeit		Ausschaltzeit		min. Ausgangs-Leckstrom (in µA)		max. Ausgangs-Leckstrom (in mA)		Schutzfeatures			Überwachungsfunktionen			Nullpunktschaltung			Polzahl					Gehäuse					
	Hersteller	Distributor	Halbleiter-/Solid-State-Relais	Photovoltaik-Relais / optische MOS-Relais	Gleichspannung	Wechselspannung	bis 0,5	über 0,5 bis 2	über 2 bis 5	über 5 bis 10	über 10 bis 20	über 20	min.	max.	min. (in µs)	max. (in ms)	min. (in µs)	max. (in ms)	seriell	parallel	seriell	parallel	RC-Glied	Varistor	Spannung	Strom	Temperatur	sonstige	ja	nein	Softstart	1-polig	2-polig	3-polig	4-polig	sonstige	bedrahtet	SMD	steckbar	schraubbar	auf DIN-Schiene aufrastbar	bleihaltige Versionen weiterhin erhältlich
Hy-Line Power Components, www.hy-line.de/power (Opto 22)		X	●		●	●						●	4			0,1		0,75			1		●					●			●		●			●		●	●	●	●
IBH-Elektrotechnik, www.ibh-elektrotechnik.de (Tyco, Kilovac, Celduc)		X	●	●	●	●	●	●	●	●	●	●		5000									●	●		●			●		●	●	●	●		●		●	●	●	
International Rectifier, www.irf.com	X		●		●	●	●	●	●	●			1,5	4	60	7000	100	2000													●	●			●	●				●
Intertec Components, www.intertec-components.de	X	X	●	●	●	●	●	●	●	●	●	●											●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●
JBW, www.elektromotore.eu (Kaleja Elektronik)		X	●		●	●	●	●	●	●			1,5	2,5	50	5	50	5	200	200	0,2	0,2	●	●		●	●		●			●				●	●	●	●	
Kaleja Elektronik, www.kaleja.com	X		●		●	●	●	●	●	●			1,5	2,5	50	5	50	5	200	200	0,2	0,2	●	●		●	●		●			●				●	●	●	●	
Kwapil Antriebstechnik und Elektronik, www.kwapil.com (Kaleja Elektronik)		X	●		●	●	●	●	●	●			1,5	2,5	50	5	50	5	200	200	0,2	0,2	●	●		●	●		●			●				●	●	●	●	
Maluska, www.maluska.de (Omron, Hongfa)		X	●	●	●	●	●	●	●	●	●	●	1,5	4	1,5	1	10	1										●			●	●	●			●	●	●	●	
mewa electronic, www.mewa-electronic.de		X	●	●	●	●	●	●	●	●	●	●											●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Milgray Distribution, www.milgray.ch (Kaleja Elektronik)		X	●		●	●	●	●	●	●			1,5	2,5	50	5	50	5	200	200	0,2	0,2	●	●		●	●		●			●				●	●	●	●	
MSC Vertrieb, www.msc-ge.com (Omron)		X	●	●	●	●	●	●	●				1,5	5	70	3	70	3	5		5			●				●			●	●			●	●	●			
Mütron Müller, www.muetron.de (Finder, Meder, Omron, Panasonic, Tyco)		X	●	●	●	●	●	●	●	●	●	●	1,5	5	20	5000	20	1000	10pA	10pA	1	1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nies Electronic, www.nies-electronic.de (Panasonic Electric Works)		X	●	●	●	●	●			●			1,5	5										●				●			●	●			●		●			●
Nu Horizons Electronics, www.nuhorizons.com (Clare)		X	●	●	●	●	●	●	●	●			1500	5000	40	25	50	10						●	●	●	●				●	●			●		●			
Nucletron Technologies, www.nucletron.de (PEC, Sanyu, Tyco)		X	●		●	●	●	●	●	●																									●	●				
Omron Electronic Components, www.omroncomponents.com	X		●	●	●	●	●	●	●				1,5	5	1	1	1	1	1nA		2		●	●					●	●		●	●			●	●	●			
Ott, www.ott-antriebe.de (Kaleja Elektronik)		X	●		●	●	●	●	●	●			1,5	2,5	50	5	50	5	200	200	0,2	0,2	●	●		●	●		●			●				●	●	●	●	
Panasonic Electric Works, www.panasonic-electric-works.de	X		●	●	●	●	●	●	●	●	●	●	0,2	5	20	10	20	3	10pA		10		●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	
Phoenix Contact, www.phoenixcontact.de	X		●		●	●				●			4		20	0,8					1	1	●	●				●			●								●	
Pohl Electronic, www.pohl-electronic.de (Omron)		X	●	●	●	●	●	●	●	●	●	●	2,5	5	80	1000	50	1000					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Relcon, www.relcon.de (Omron, Panasonic, Hongfa, IMO)		X	●	●	●	●	●	●	●	●	●	●	1,5	5	20	10000	20	10000	0,2	0,2	5	5	●	●		●			●	●	●	●	●	●	●	●	●	●	●	●	●
RS Components, www.rsonline.de (Crydom, Panasonic, Tyco, Siemens, ABB, Crouzet, Omron)		X	●	●	●	●	●	●	●	●	●	●	0,03	1									●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	
Rutronik, www.rutronik.com (Omron, Coto, Comus, Fujitsu, Relpol, Finder)		X	●	●	●	●	●	●	●	●	●	●											●	●							●	●	●	●	●	●	●	●	●	●
Schukat electronic, www.schukat.com (Comus, Cosmo, Crydom, Sharp)		X	●		●	●		●	●	●	●	●	2,5	4	100	11	100	11	14				●						●	●		●		●		●		●	●	
setron, www.setron.de (Fujitsu Components)		X		●	●	●					●	●	5000	10000	15	30	15	30									●			●	●			●	●					
Song Chuan, www.songchuan.eu	X		●	●	●	●	●	●	●	●	●	●	2,5	4		<10		<10			5	5	●	●	●		●		●		●	●	●			●		●	●	●
Sonntag electronic, www.sonntag-electronic.de (Celduc, Carlo Gavazzi)		X	●			●	●	●	●	●	●	●												●	●	●			●	●	●	●	●		●	●			●	●

Halbleiter- und Photovoltaik (-MOS)-Relais

Anbieter (Hersteller)	der Anbieter ist		Relais-typen			geeignet zum Schalten von		Schaltleistung (in A)						Spannungsfestigkeit zwischen Ein- und Ausgang (in kV)		Einschaltzeit		Ausschaltzeit		min. Ausgangs-Leckstrom (in µA)		max. Ausgangs-Leckstrom (in mA)		Schutzfeatures			Überwachungsfunktionen				Nullpunktschaltung			Polzahl					Gehäuse						
	Hersteller	Distributor	Halbleiter-/Solid-State-Relais	Photovoltaik-Relais / optische MOS-Relais	Gleichspannung	Wechselspannung	bis 0,5	über 0,5 bis 2	über 2 bis 5	über 5 bis 10	über 10 bis 20	über 20	min.	max.	min. (in µs)	max. (in ms)	min. (in µs)	max. (in ms)	seriell	parallel	seriell	parallel	RC-Glied	Varistor	Spannung	Strom	Temperatur	sonstige	ja	nein	Softstart	1-polig	2-polig	3-polig	4-polig	sonstige	bedrahtet	SMD	steckbar	schraubbar	auf DIN-Schiene aufrastbar	bleihaltige Versionen weiterhin erhältlich
Systemtechnik Leber, www.powercontact.de	X	X	●		●	●				●	●	●	4	4	10		5		50		50		●	●	●	●		●	●	●	●	●	●	●			●	●	●		
Teledyne Relays, www.teledyne-europe.com	X		●		●	●	●	●	●	●	●	●	1	4	120	3000	150	4000	0,4		3000		●	●	●	●	●	●	●		●	●	●	●	●		●	●	●	●	●	
Thermonie Elektrotechnische Komponenten, www.thermonie.de (CI Continental)	X	X	●		●	●	●	●	●	●	●	●	4										●	●			●		●	●		●		●					●	●	
TME Transfer Multisort Elektronik, www.tme.eu (Anly, Omron, Crouzet)		X	●	●	●	●	●	●	●	●	●	●																●	●		●		●		●	●	●	●	●	
TTI, www.ttieurope.com (Omron, Panasonic Electric Works, Tyco)		X	●	●	●	●	●	●	●	●	●	●	1,5	4	100	1000	100	3000	1		5					●		●	●	●	●	●	●		●	●	●	●	●	
two4tronic, www.two4tronic.com		X	●	●	●	●	●	●	●	●	●	●											●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●
Vincotech, www.vincotech.com	X		●	●	●	●	●	●	●				2,5	2,5									●					●			●					●		●			
Wald Antriebe, www.waldantriebe.de (Kaleja Elektronik)		X	●		●	●	●	●	●	●			1,5	2,5	50	5	50	5	200	200	0,2	0,2	●	●		●	●	●		●						●	●	●	●	
Weidmüller, www.weidmueller.de	X		●	●	●	●	●	●	●	●	●	●	2,5	6	0,2	30	0,4	50					●	●		●	●	●	●			●								●	
Zettler electronics, www.zettlerelectronics.com (Teledyne, ECE)		X	●	●	●	●	●	●	●	●	●	●	2,5	5	20	1000	150	10000	0,2		10	15	●	●	●	●		●	●	●	●	●	●	●		●	●	●	●	●	