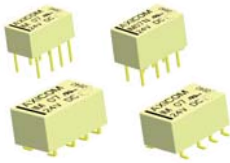



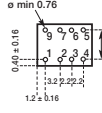
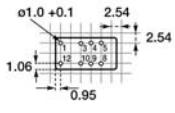
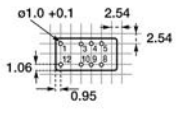
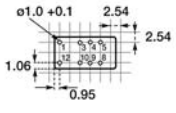




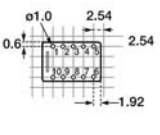
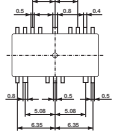
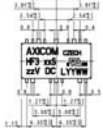
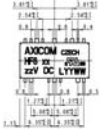





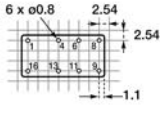
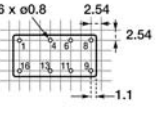
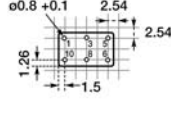
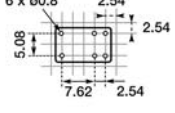
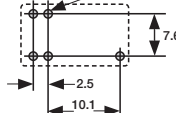





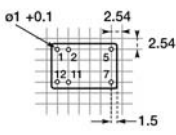
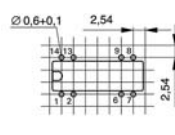
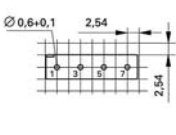


Relay Type	IM	P2 (V23079)	FX2	FU2 / FT2
				
				
RoHS Status	Compliant	Compliant	Compliant	Compliant
Contacts				
Configuration	2 C/O	2 C/O	2 C/O	2 C/O
Rated current	2 A	2 A	2 A	2 A
Rated voltage	220 VDC / 250 VAC	220 VDC / 250 VAC	220 VDC / 250 VAC	220 VDC / 250 VAC
Maximum switching capacity	60 W / 62.5 VA	60 W / 62.5 VA	60 W / 62.5 VA	60 W / 62.5 VA
Contact resistance (initial)	< 50 mΩ	< 50 mΩ	< 70 mΩ	< 70 mΩ
Contact material	PdRu + Au plated	AgNi + Au plated	PdRu + Au plated	PdRu + Au plated
Coil				
Coil type	polarized	polarized	polarized	non-polarized
Coil voltage range	1.5 - 24 VDC	2.4 - 24 VDC	3 - 48 VDC	3 - 48 VDC
Coil power	100 / 140 / 200 mW	70 / 140 mW	80 - 300 mW	200 / 240 / 300 mW
Other coil versions	Bistable 1 coil	Bistable 1 or 2 coils	Bistable 1 coil	
General data				
Dielectric strength coil - contacts	1800 VAC	1500 VAC	1800 VAC	1500 / 3500 VAC
Temperature range / °C	-40 to +85	-40 to +85	-55 to +85	-55 to +85
Sealing	Washable	Washable	Washable	Washable
Termination method	THT, SMT	THT, SMT	THT	THT, SMT
Dimensions (l x w x h) / mm	10 x 6 x 5.65	14.5 x 7.2 x 10.4 (9.9)	15 x 7.3 x 10.7	15 x 7.5 x 9.6 (10.0)
Approvals (Technical data on approved types on request)	cULus, IEC 60950, Bellcore, FCC68	cULus, IEC 60950, Bellcore, FCC68	cULus, IEC 60950, Bellcore, FCC68	cULus, IEC 60950, Bellcore, FCC68

Relay Type	FP2	HF3	HF3S (shielded)	HF6
				
				
RoHS Status	Compliant	Compliant	Compliant	Compliant
Contacts				
Configuration	2 C/O	1 C/O	2 C/O	2 C/O
Frequency range DC		up to 3 GHz	up to 3 GHz	up to 6 GHz
RF power carrying capability		50 W	150 W	50 W
Rated current	2 A	2 A	2 A	2 A
Rated voltage	220 VDC / 250 VAC	220 VDC / 250 VAC	220 VDC / 250 VAC	220 VDC / 250 VAC
Maximum switching capacity	60 W / 62.5 VA	60 W / 62.5 VA (50 W at 2.5 GHz)	60 W / 62.5 VA (50 W at 2.5 GHz)	60 W / 62.5 VA (50 W at 2.5 GHz)
Contact resistance (initial)	< 50 mΩ	< 100 mΩ	< 100 mΩ	< 100 mΩ
Contact material	AgNi + Au plated	Ag + Au plated	Ag + Au plated	Ag + Au plate
Coil				
Coil type	polarized	polarized	polarized	polarized
Coil voltage range	3 - 48 VDC	3 - 24 VDC (50 or 75 Ω version)	5 / 24 VDC (50 Ω version)	3 - 24 VDC (50 Ω version)
Coil power	80 - 300 mW	70 / 140 mW	140 mW	70 / 140 mW
Other coil versions	Bistable 1 or 2 coils	Bistable 1 or 2 coils	Bistable 2 coils	Bistable 1 or 2 coils
General data				
Dielectric strength coil - contacts	1000 VAC	1000 VAC	1000 VAC	1000 VAC
Temperature range / °C	-55 to +85	-55 to +85	-55 to +85	-55 to +85
Sealing	Washable	Washable	Washable	Washable
Termination method	THT	SMT	SMT	SMT
Dimensions (l x w x h) / mm	14 x 9 x 5	14.6 x 7.2 x 10	15 x 7.6 x 10.6	15 x 7.6 x 10.6
Approvals (Technical data on approved types on request)	cULus, FCC68	cULus	cULus	cULus

Relay Type	D2n (V23105)	MT2	P1 (V23026)	TSC	OUAZ
					
					
RoHS Status	Compliant	Compliant	Compliant	Compliant	Compliant
Contacts					
Configuration	2 C/O	2 C/O	1 C/O	1 C/O	1 C/O
Rated current	3 A	2 A	1 A	1 A	1 A
Rated voltage	220 VDC / 250 VAC	220 VDC / 250 VAC	125 VDC / 150 VAC	30 VDC / 120 VAC	60 VDC / 120 VAC
Maximum switching capacity	60 W / 125 VA	60 W / 62.5 VA	30 W / 60 VA	24 W / 120 VA	30 W / 120 VA
Contact resistance (initial)	< 100 mΩ	< 70 mΩ	< 50 mΩ	< 100 mΩ	< 100 mΩ
Contact material	AgNi + Au plated	AgNi + Au plated	PdNi + AuRh plated	AgNi + Au plate	AgPd + Au clad
Coil					
Coil type	non-polarized	non-polarized	polarized	non-polarized	non-polarized
Coil voltage range	3 - 48 VDC	3 - 48 VDC	3 - 24 VDC	5 - 24 VDC	3 - 24 VDC
Coil power	150 / 200 / 400 / > 500 mW	150 - 550 mW	32 - 128 mW	150 / 300 mW	200 / 450 mW
Other coil versions			Bistable 1 or 2 coils		
General data					
Dielectric strength coil - contacts	1050 VAC	1050 VAC	1500 VAC	1000 VAC	1000 VAC
Temperature range / °C	-25 to +60/85	-55 to +85	-40 to +70	- 40 to + 80	- 30 to + 60 / 75
Sealing	Washable	Washable	Washable	Flux tight / washable	Flux tight / washable
Termination method	THT	THT	THT, SMT	PCB	PCB
Dimensions (l x w x h) / mm	20.2 x 10 x 11.4	20.2 x 10 x 11	13 x 7.6 x 6.9	12.3 x 7.4 x 9.9	15.4 x 10.4 x 11.2
Approvals (Technical data on approved types on request)	cULus	cULus	cULus	UL, CSA	UL, CSA

Relay Type	W11 (V23101)	Card SN (V23030)	Cradle Relays	Reed DIP (V23100-V40/43)	Reed Mini SIL (V23100-V46)
					
			Cradle N (V23154/162) Cradle W (V23005) Cradle S (V23054) Cradle P (V23003)		
RoHS Status	Compliant	Compliant	Compliant	Compliant	Compliant
Contacts					
Configuration	1 C/O	4 / 6 C/O	up to 6 C/O	1 C/O, 1 N/O, 2 N/O	1 N/O
Rated current	1.25 / 3 A	2 A	0.2 - 5 A	0.25 - 1 A	0.5 / 1 A
Rated voltage	120 VDC / 125 VAC	250 VDC / 250 VAC	36 - 250 VDC / 30 - 250 VAC	200 VDC / 200 VAC	200 VDC / 200 VAC
Maximum switching capacity	up to 72 W / 360 VA	up to 75 W / 100 VA	5 - 140 W / 5 - 500 VA	3 - 10 W / 3 - 10 VA	10 W / 10 VA
Contact resistance (initial)	< 100 mΩ	< 100 mΩ	< 100 mΩ	< 150 mΩ	< 150 mΩ
Contact material	AgPd + Au plated / AgNi	Ag + Au plate	Ag + Au flash / Au F	Au + Rh flash	Au + Rh flash
Coil					
Coil type	non-polarized	non-polarized	polarized/non-polarized	non-polarized	non-polarized
Coil voltage range	1.5 - 24 VDC	5 - 60 VDC	1.5 - 125 VDC / VAC	5 - 24 VDC	5 / 12 VDC
Coil power	200 / 450 mW	700 mW	800 mW / 1.15 VA	50 - 288 mW	50 / 205 mW
Other coil versions	2 different coil assignments		bistable 1 coil	with diode	with diode
General data					
Dielectric strength coil - contacts	1000 VAC	up to 6000 VAC	500 - 1500 VAC	1500 VDC	1500 VDC
Temperature range / °C	- 40 to + 70 / 85	- 40 to + 70		- 40 to + 70 / 85	- 40 to + 70 / 85
Sealing	Washable	Dust proof / washable	Dust proof/hermetically sealed	Fully sealed	Fully sealed
Termination method	THT	THT	THT, hand solder, plug-in	THT	THT
Dimensions (l x w x h) / mm	15.5 x 10.5 x 11.5	40.2 x 32.4/37.4 x 10.2	24 - 35 x 19 x 30	19.3 x 6.4/7 x 5.7/7.5	15.2 x 3.8 x 6.8
Approvals (Technical data on approved types on request)	cULus			cULus	cULus