

Table 23.75: SSM2 single-phase solid state relays, dual channel

Switching	Voltage range		Load current range	Reference	Weight kg/lb
	Control input V	Load output V			
Zero voltage switching	4...32	24...280	6	SSM2A16BD	0.090/0.198
		48...6000	6	SSM2A36BD	0.090/0.198
Random switching	4...32	24...280	6	SSM2A16BDR	0.090/0.198
		48...6000	6	SSM2A36BDR	0.090/0.198

Table 23.76: SSM1 single-phase solid state relays (22.5 and 45 mm)

Switching	Voltage range		Load current range	Reference	Weight kg/lb
	Control input V	Load output V			
Zero voltage switching	4...32	24...280	20	SSM1A120BD	0.280/0.617
			30	SSM1A130BD	0.280/0.617
	3...32	24...280	45	SSM1A145BD	0.476/1.049
			30	SSM1A430BD	0.280/0.617
	4...32	48...660	45	SSM1A445BD	0.476/1.049
			55	SSM1A455BD	0.476/1.049
			20	SSM1A120M7	0.280/0.617
	90...280	24...280	30	SSM1A130M7	0.280/0.617
			30	SSM1A430M7	0.280/0.617
	90...140	48...660	45	SSM1A145F7	0.476/1.049
			45	SSM1A445F7	0.476/1.049
			55	SSM1A455F7	0.476/1.049

Table 23.77: SSM3 three-phase solid state relays

Switching	Voltage range		Load current range	Reference	Weight kg/lb
	Control input V	Load output V			
Zero voltage switching	4...32	48...600	25	SSM3A325BD	0.740/1.631
	90...140	48...600	25	SSM3A325F7	0.740/1.631
	180...280	48...600	25	SSM3A325P7	0.740/1.631
	4...32	48...600	25	SSM3A325BDR	0.740/1.631

Table 23.78: SSP1 single-phase solid state relays

Switching	Voltage range		Load current range	Reference	Weight kg/lb
	Control input V	Load output V			
Relays with embedded thermal pad					
DC switching	3.5...32	1...150	12	SSP1D412BDT	0.089/0.196
			25	SSP1D425BDT	0.089/0.196
			40	SSP1D440BDT	0.089/0.196
Zero voltage switching	3...32	24...300	10	SSP1A110BDT	0.089/0.196
			25	SSP1A125BDT	0.089/0.196
			50	SSP1A150BDT	0.089/0.196
			75	SSP1A175BDT	0.089/0.196
	4...32	48...660	50	SSP1A450BDT	0.089/0.196
			75	SSP1A475BDT	0.089/0.196
			90	SSP1A490BDT	0.089/0.196
			125	SSP1A4125BDT	0.089/0.196
	90...280	24...300	10	SSP1A110M7T	0.089/0.196
			25	SSP1A125M7T	0.089/0.196
			50	SSP1A150M7T	0.089/0.196
			75	SSP1A175M7T	0.089/0.196
		48...660	50	SSP1A450M7T	0.089/0.196
			75	SSP1A475M7T	0.089/0.196
			90	SSP1A490M7T	0.089/0.196
			125	SSP1A4125M7T	0.089/0.196
Relays without embedded thermal pad					
DC switching	3.5...32	1...150	12	SSP1D412BD	0.089/0.196
			25	SSP1D425BD	0.089/0.196
			40	SSP1D440BD	0.089/0.196
Zero voltage switching	3...32	24...300	10	SSP1A110BD	0.089/0.196
			20	SSP1A125BD	0.089/0.196
			50	SSP1A150BD	0.089/0.196
			75	SSP1A175BD	0.089/0.196
	4...32	48...660	50	SSP1A450BD	0.089/0.196
			75	SSP1A475BD	0.089/0.196
			90	SSP1A490BD	0.089/0.196
			125	SSP1A4125BD	0.089/0.196
	90...280	24...300	10	SSP1A110M7	0.089/0.196
			25	SSP1A125M7	0.089/0.196
			50	SSP1A150M7	0.089/0.196
			75	SSP1A175M7	0.089/0.196
		48...660	50	SSP1A450M7	0.089/0.196
			75	SSP1A475M7	0.089/0.196
			90	SSP1A490M7	0.089/0.196
			125	SSP1A4125M7	0.089/0.196
Relays with embedded thermal pad and smart diagnostic features					
Zero voltage switching	3...32	24...300	25	SSP1A125BDS	0.097/0.214
			50	SSP1A150BDS	0.097/0.214
	4...32	48...660	50	SSP1A450BDS	0.097/0.214
			75	SSP1A475BDS	0.097/0.214
			90	SSP1A490BDS	0.097/0.214
			125	SSP1A4125BDS	0.097/0.214