

Application	Types		Poles	AC Ratings	DC Ratings	Page	Sockets	Page
<b>General Purpose</b>	C2-A20	Universal 8-Pin, Standard	2	10 A @ 250 V	0.5 A @ 110 V	16	S2	64-66
	C3-A30	Universal 11-Pin, Standard	3	10 A @ 250 V	0.5 A @ 110 V	19	S3	66-69
	C4-A40	Square Base, 4-Pole	4	10 A @ 250 V	0.5 A @ 110 V	28	S4	70-71
	C5-A20	Square Base, AC Power	2	16 A @ 500 V	0.5 A @ 110 V	31	S5	71-72
	C5-A30	Square Base, AC Power	3	16 A @ 400 V	0.5 A @ 110 V	32	S5	71-72
	C7-A10	Miniature, AC Power	1	16 A @ 250 V	0.5 A @ 110 V	38	S7	73-76
	C7-A20	Miniature, AC Power	2	10 A @ 250 V	0.5 A @ 110 V	39	S7	73-76
	C7-A20E	Miniature, AC Power	2	10 A @ 250 V	0.5 A @ 110 V	40	S7	73-76
	C9-A41	Miniature, 14-Pin Plug-in	4	5 A @ 250 V	0.2 A @ 110 V	48	S9	76-77
	C10-A10	Interface Standard	1	10 A @ 250 V	0.5 A @ 110 V	51	S10	78-80
	C10-A10E	Interface Standard	1	10 A @ 250 V	0.5 A @ 110 V	52	S10	78-80
	C12-A21	Interface Standard	2	5 A @ 250 V	0.5 A @ 110 V	56	S12	80-81

<b>Bifurcated Contacts</b> Low Level Loads	C2-T21	Universal 8-Pin Plug-in	2	6 A @ 250 V	6 A @ 30 V	17	S2	64-66
	C3-T31	Universal 11-Pin Plug-in	3	6 A @ 250 V	6 A @ 30 V	20	S3	66-69
	C7-T21	Miniature	2	6 A @ 250 V	6 A @ 30 V	41	S7	73-76
	C10-T13	Interface Twin	1	6 A @ 250 V	6 A @ 30 V	54	S10	78-80
	C10-GT13	Interface Twin N.O.	1	6 A @ 250 V	6 A @ 30 V	55	S10	78-80

<b>Bifurcated Contacts</b> Current Level Loads	C7-H23	Miniature	2	10 A @ 250 V	6 A @ 30 V	44	S7	73-76
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<b>Open Contacts</b> DC Load Switching Flag Not Available	C2-G20	Universal 8-Pin Plug-in	2	10 A @ 250 V	1.2 A @ 110 V	18	S2	64-66
	C3-G30	Universal 11-Pin Plug-in	3	10 A @ 250 V	1.2 A @ 110 V	21	S3	66-69
	C5-G30	Square Base	3	16 A @ 400 V	1.2 A @ 110 V	33	S5	71-72
	C7-G20	Miniature	2	10 A @ 250 V	0.8 A @ 110 V	42	S7	73-76
	C10-G10	Interface N.O.	1	10 A @ 250 V	0.8 A @ 110 V	53	S10	78-80
Flag Available	C12-G21	Interface N.O.	2	5 A @ 250 V	0.8 A @ 110 V	57	S12	80-81

<b>Double Make</b> DC Load Switching	C3-X10	11-Pin, DC Power	1	10 A @ 250 V	7 A @ 110 V	23	S3	66-69
	C4-X20	Square Base, DC Power	2	10 A @ 250 V	7 A @ 110 V	29	S4	70-71
	C5-X10	Square Base, DC Power	1	16 A @ 400 V	7 A @ 110 V	34	S5	71-72
Flag Not Available	C7-X10	Miniature, DC Power	1	10 A @ 250 V	6 A @ 110 V	43	S7	73-76

## Total Interconnection, Solid State Relays

### How to Mount Solid State Relays as Interface on PLC

#### Input

In every CSS relay, the input on terminals A1 and A2 is 5-32 VDC, with no polarity.

If bridges to joint points A2 are used, a single voltage can be applied on terminals A1, for every relay, or different voltages within the range 5-32 VDC.

#### Output DC or AC (Independent Relays)

When using a single relay of any model, load can be connected either on terminal 1 or terminal 2.

**Relays with Output on DC (CSS-DCP or CSS-DCN).**  
Range of voltage applied to the load will be 5-50 VDC.

**Relays with Output on AC (CSS-AC, Inductive Loads, or CSS-AZ, Resistive Loads).** Range of voltage applied to the load will be 24-250 VAC, 50/60 Hz.

#### Output on DC (Relays in Battery)

If power bridges are used with S10-M sockets in series of relays in line, it is necessary to attend the common polarity chosen to the loads connection.

Usually the point 2 (11 DIN) is the common point of the socket where positive tension is applied to the loads.

Then CSS-DCP relays must be connected where terminal 2 is common positive.

Said disposition complies Norm EN-60204-1-5,3,3 where "cutting every active element of its feeding" is suggested, that means to switch from the positive.

If point 2 of the socket is taken as negative, relays type CSS-DCN, where terminal 2 is negative must be connected.

For relays CSS-AC or CSS-AZ, only whether the load is inductive or resistive has to be considered, as they have no polarity.

