General

- Utilizado para controlar trifásico y generalmente para controlar circuitos de potencia
- Se utiliza para muchas otras aplicaciones, como aislamiento, conmutación de condensadores e iluminación



Orden productos

	Standard control circuit voltages (VAC)	Rated frequency (Hz)	Rated operational current in category AC-3 400V (A)	Number of poles	Instantaneous auxiliary contacts	Código para pedido producto
	230	50/60	9	3 -	1 -	SN21621
			12	3 -	1 -	SN21711
			18	3 -	1 -	SN21801
			25	3 -	1 -	SN21891
			32	3 -	1 -	SN21981
			40	3 -	1 1	SN22044
			50	3 -	1 1	SN22089
			65	3 -	1 1	SN22134
			80	3 -	1 1	SN22179
			95	3 -	1 1	SN22224

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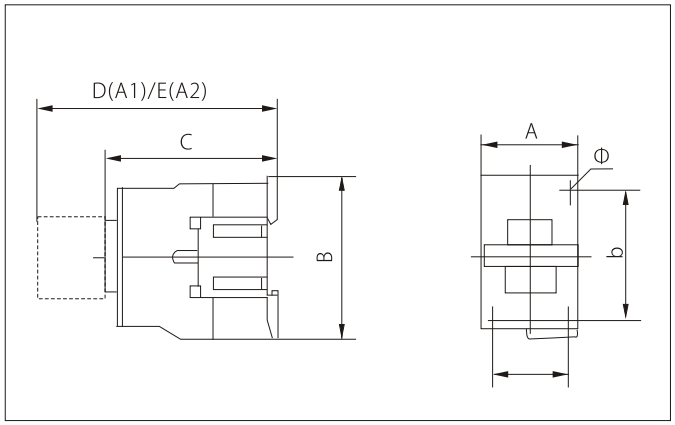
ELECTRO PRODUCTOS

Ficha Técnica

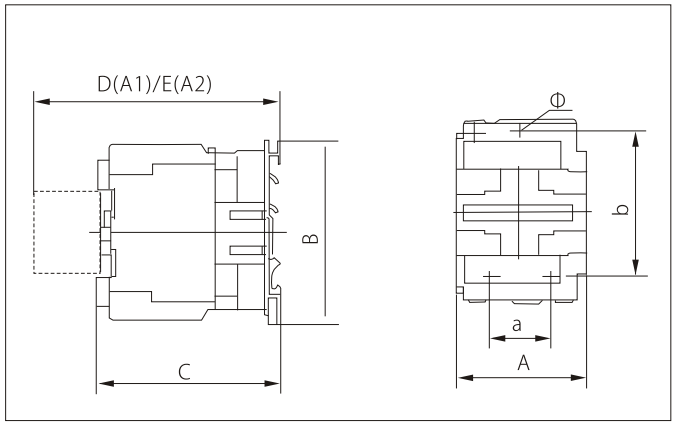
Type			3SC8-09	3SC8-12	3SC8-18	3SC8-25	3SC8-32	3SC8-40	3SC8-50	3SC8-65	3SC8-80	3SC8-95
Standard			IEC60947-4-1									
Approvals			SEMKO,CE,CB									
Number of poles			3 ,4	3 ,4	3	3 ,4	3	3,4	3,4	3,4	3,4	3,4
Rated operational current Ie (A)	380V	In Ac-3	9	12	18	25	32	40	50	65	80	95
		In Ac-4	3.5	5	7.7	8.5	12	18.5	24	28	37	44
	660V	In Ac-3	6.6	8.9	12	18	21	34	39	42	49	55
		In Ac-4	1.5	2	3.8	4.4	7.5	9	12	14	17.3	21.3
	440V	In AC-1	20	25	32	40	50	60	80	80	110	125
Rated operational voltage Ue (V)		Up to	690									
Frequency limits of the operational current (time/h)			25-400									
Rated conventional thermal current Ith(A)			25	25	32	40	50	60	80	80	125	125
Rated insulation voltage Ui (V)			690									
Rated impulse withstand voltage Uimp (kV)			8									
Rated frequency (Hz)			50/60									
Rated making capacity (A)		400V	10 x Ie AC-3 or 12 x Ie AC-4									
Rated breaking capacity (A)		400V	8 x I e AC-3 or 10 x Ie AC-4									
Rated operational power in category AC-3 (kw)		220/230/240V	2.2	3	4	5.5	7.5	11	15	18.5	22	25
		380/400V	4	5.5	7.5	11	15	18.5	22	30	37	45
		660/690V	5.5	7.5	10	15	18.5	30	33	37	45	45
Fuse protection against short-circuit (A)		Without thermal overload relay, Gg fuse Type 1	20	25	32	40	50	63	80	80	125	160
		type2	20	20	25	32	40	50	63	80	150	150
		With thermal overload relay	see specification and ordering data of 3SR8,for aM or gG fuse ratings corresponding to the associated thermal overload relay									
Average impedance per pole (mΩ)			2.5	2.5	2.5	2	2	1.5	1.5	1.5	0.8	0.8
Add-on auxiliary contact blocks		Front	3SC8-A1 and 3SC8-A1D									
		Side	3SC8-A1C									
		Front time delay	3SC8-A2									
		Front dust and damp protected	■									
Reversing contactor type			3SC8-DN									
Associated thermal overload relays			3SR8-25				3SR8-36	3SR8-93				
Operation cycles (times/hour)		Electrical AC-3	1200	1200	1200	1200	600	600	600	600	600	600
		Electrical AC-4	300	300	300	300	300	300	300	300	300	300
		Mechanical	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600
Electrical life (X 10^3 times)		AC-3	1000	1000	1000	1000	800	800	600	600	600	600
		AC-4	200	200	200	200	200	150	150	150	100	100
Mechanical life (X 10^6 times)			10	10	10	10	8	8	8	8	6	6
Matching fuse model			RT16-20	RT16-20	RT16-32	RT16-40	RT16-50	RT16-63	RT16-80	RT16-80	RT16-100	RT16-125
Tightening torque(N·m) Connection			1.2	1.2	1.7	2.0	2.5	5	5	5	9	9
Cabling cross section (CU)		Flexible cable with cold-pressed 2 socket(mm^2)	1/2.5	1/2.5	1/4	1/4	1.5/4	2.5/10	2.5/10	2.5/10	4/16	4/16
		Flexible cable without cold-pressed 2 socket(mm^2)	1/4	1/4	1.5/6	1.5/6	2.5/10	2.5/16	2.5/16	2.5/16	4/25	4/25
		Inflexible 2 cable(mm^2)	1/4	1.5/4	1.5/6	1.5/6	1.5/10	2.5/25	2.5/25	2.5/25	4/50	4/50
Screw size			M3.5	M3.5	M3.5	M4	M4	M8	M8	M8	M10	M10
Degree of protection			IP20									
Ambient air temperature(℃)			-5 to +40,max. 95 % humidity									
Storage temperature(℃)			-40~+75									
Maximum operating altitude (meters)			2000									
Flame resistance		Conforming to UL 94	V1									

Dimensiones

3SC8 09 a 32
Unidades en (mm)



3SC8 40 a 95



	Type	A max	B max	C max	D max	E max	a	b	Φ
3P	3SC8-09-12	47	76	82	113	133	34/35	50/60	2-Φ4.5
	3SC8-18	47	76	87	118	138	34/35	50/60	2-Φ4.5
	3SC8-25	57	86	95	126	146	40	48	2-Φ4.5
	3SC8-32	57	86	100	131	151	40	48	2-Φ4.5
	3SC8-40~65	77	129	116	145	165	40	100/110	3-Φ6.5
	3SC8-80~95	87	129	127	156	176	40	100/110	3-Φ6.5