

➔ Cross Reference RA Part Number: **PN-545940**

➔ Product: **100S-E460ED12C**




Product Selection—100S-E Safety Contactors



Representative photo

- Electronic Coils
- 3 Main Contacts
- Direct-on-line
- Low-power auxiliary contacts for feedback circuit
- Mirror contact performance

3-Pole AC- and DC-operated Safety Contactors

Rated Operational Current I_e [A]		Ratings for switching AC motors - AC-2, AC-3											Auxiliary contacts per contactor			Direct-on-line Contactor
60 °C	40 °C	kW (50 Hz)							Hp (60 Hz)							
AC-3 (400V)	AC-1 (690V)	220-240V	380-400V	415V	440V	500V	690V	1000V	200V	230V	460V	575V	N.O.	N.C.	N.C. ⁽¹⁾	
52	100	15	22	30	30	30	30	—	15	20	40	50	0	0	4	100S-E52⊗04C
													1	0	3	100S-E52⊗13C
													2	0		100S-E52⊗22C
													3	0	1	100S-E52⊗31C
65	105	18.5	30	37	37	37	37	—	20	25	50	60	0	0	4	100S-E65⊗04C
													1	0	3	100S-E65⊗13C
													2	0		100S-E65⊗22C
													3	0	1	100S-E65⊗31C
80	125	22	37	45	45	45	45	35	25	30	60	75	0	0	4	100S-E80⊗04C
													1	0	3	100S-E80⊗13C
													2	0		100S-E80⊗22C
													3	0	1	100S-E80⊗31C
96	130	25	45	55	55	55	55	40	30	30	60	75	0	0	4	100S-E96⊗04C
													1	0	3	100S-E96⊗13C
													2	0		100S-E96⊗22C
													3	0	1	100S-E96⊗31C
116	160	37	55	55	75	75	55	55	30	40	75	100	1	1	1	100S-E116⊗12C ⁽²⁾
146	225	45	75	75	90	90	90	75	40	50	100	125	1	1	1	100S-E146⊗12C ⁽²⁾
190	275	55	90	90	110	90	132	110	50	60	125	150	1	1	1	100S-E190⊗12C
205	350	55	110	110	132	110	160	132	60	75	150	200	1	1	1	100S-E205⊗12C
265	400	75	132	132	160	160	200	132	75	100	200	250	1	1	1	100S-E265⊗12C
305	500	90	160	160	160	200	250	132	100	125	250	300	1	1	1	100S-E305⊗12C
370	600	110	200	200	200	220	315	132	125	150	300	350	1	1	1	100S-E370⊗12C
400	600	110	200	220	220	250	315	220	125	150	350	400	1	1	1	100S-E400⊗12C
460	700	132	250	250	250	315	355	280	150	200	400	500	1	1	1	100S-E460⊗12C
580	800	160	315	355	355	400	500	355	200	250	500	600	1	1	1	100S-E580⊗12C
750	1050	220	400	425	450	530	600	400	250	300	600	700	1	1	1	100S-E750⊗12C

(1) The N.C. contact meets IEC 60947-4-1 Annex F requirements for mirror contact performance.

(2) To order with built-in terminal lugs, add the letter "L" to the end of the catalog number (example: **100S-E116⊗12CL**)

Coil Voltage Codes

The Cat. No. as listed is incomplete. Select a coil voltage code from the table below to complete the Cat. No. Example: 100S-E09EJ14C

Electronic Coils	v ⁽¹⁾	12-20V DC	24V DC	24-60V AC, 20-60V DC	48-130V AC/DC	100-250V AC/DC	250-500V AC/DC
100S-E09...100S-E370	Standard AC/DC	—	—	KJ	KY	KD	KN
100S-E09...100S-E38	Low Consumption AC/DC	EQ	—	EJ	—	—	—
100S-E09...100S-E38	Low Consumption/ Faster Drop-out DC	—	QJ	—	—	—	—
100S-E116...100S-E370 ⁽²⁾	Standard AC/DC with 24V DC PLC Interface	—	—	—	—	ED	EN
100S-E400...100S-E750, 100S-E1260		—	—	EJ ⁽³⁾	EY	ED	EN
100S-E860...100S-E1060, 100S-E2050...100S-E2650		—	—	—	—	—	ED

- (1) AC voltages are at 50/60 Hz
- (2) When ordering coil with PLC input, the PLC input must be used
- (3) 24V...60V DC only

