

KWIKstarters / Reversing with CEP7 Overload Relays

Cover Control/ Enclosure (KS7-COS4R)	Maximum Horsepower						Total Aux. Contacts Installed		cUL Approved- Type 1/12/4/4X IP66	Dimension Code
	Single Ø		Three Ø							
	115V	230V	200V	230V	460V	575V	NO	NC	Catalog Number	③
	FVR KWIKstarter with Multi-function Pushbutton and Reset									
	0.5	1.5	2	2	5	7.5	1①	0	CLU-KAL709*-◆-▼	Q3
	0.5	2	3	3	7.5	10	1①	0	CLU-KAL712*-◆-▼	Q3
	1	3	5	5	10	15	1①	0	CLU-KAL716*-◆-▼	Q3
	2	3	5	7.5	15	15	1①	0	CLU-KAL723*-◆-▼	Q3



C1

KWIKstarters

AC Coil Codes (*) ①②

A.C. Coil Code	Voltage Range		Control Source	
	50 Hz	60 Hz	1-phase	3-phase
024Z	24V	24V	Separate	Separate
0120	110V	120V	Common	Separate
220W	200-220V	208-240V	Common	Common
0277	240V	277V	Common	~
0415	400-415V	~	~	Common
0480	440V	480V	~	Common
0600	550V	600V	~	Common

DC Coil Codes (*) ③④⑤

D.C. Coil Code	Voltage Range
	VDC
012E	12V
024E	24V

Control Circuit Note

Common: Coils and pilot devices in the control circuit are assumed to be common with the line voltage and will be connected to the line source (L1-L2) per the table.

Separate: Coils and pilot devices in the control circuit are assumed to be from a separate source and will not be connected to the line source per the table. Pilot lights are 240 VAC maximum.

Replace ◆ with one of the following Overload Relays

For use with KWIKstarter...	Amp Range	Overload Relay Code (◆)	Catalog Number (of Overload Relay used)
1-Phase & 3-Phase / Manual Reset / Class 10 or 20			
CLU-KAL709...723	0.1...0.5	1EAB	CEP7-1EEAB
	0.2...1.0	1EBB	CEP7-1EEBB
	1.0...5.0	1ECB	CEP7-1EECB
	3.2...16	1EDB	CEP7-1EEDB
	5.4...27	1EEB	CEP7-1EEEB
1-Phase & 3-Phase / Auto or Manual Reset / Class 10...30 ③			
CLU-KAL709...723	0.1...0.5	FAB	CEP7-1EFAB
	0.2...1.0	FBB	CEP7-1EFBB
	1.0...5.0	FCB	CEP7-1EFCB
	3.2...16	FDB	CEP7-1EFDB
	5.4...27	FEB	CEP7-1EFEB

Pilot Device Options (includes reset) ⑥⑦

Pushbutton Description	Replace ▼ in catalog number with
FOR-STOP-REV Multi-function (shown)	3U
UP-STOP-DOWN Multi-function	4U
OPEN-STOP-CLOSE Multi-function	5U
FOR-STOP-REV 3-Position Selector switch	6
UP-OFF-DOWN 3-Position Selector switch	7
OPEN-OFF-CLOSE 3-Position Selector switch	8
Overload Alarm Pilot Light	1Y
D7-N8 22mm Hole Plug (Reset Only)	0

Optional CA7 Modifications (Factory Assembled) ⑧

Description (supplied on each contactor)	Add to end of catalog number
Electronic Interface	-2JE
Surge Suppressor RC	-2C
Surge Suppressor Varistor	-2V

Ordering Instructions

Specify Catalog Number	
Replace (*) with Coil Code	See this page only
Replace (◆) with O/L Relay	
Replace (▼) with Pilot Device Option	

- ① Use CEP7-1... overloads only. Backward compatible to CEP7-ED1/EE.
- ② Plastic Bezel is standard. Pilot Device options include D7-BX_ Base Mounted contact blocks. See page H6.7 for more information.
- ③ Refer to page C1.13 for wiring diagram and C1.16 for dimensional information.
- ④ Other voltages available, see Section A.
- ⑤ One Pilot Device option must be selected. Blanks are not available. If Pilot Light option is selected then coil voltage must be 24V, 120V or 240V AC only.
- ⑥ CPT not possible with KS7-C0S4R (Q3) enclosure.
- ⑦ One N.C. auxiliary contact is used for electrical interlocking. On CLU reversing starters, the N.C. contact comes from the Mechanical/Electrical Interlock unit (Cat# CM7-02).
- ⑧ List price adder may apply.