

7100L

Single Phase Solid State Contactor



The Model 7100L is a new range of simple, economic solid state contactors for use with low temperature coefficient resistive loads. This unit features integral heatsinks with AC or DC logic inputs for fast switching that reduces thermal cycling of the heating elements, resulting in longer element life. There are no mechanical contacts to wear out and so maintenance costs and downtime are reduced. Silent operation and lack of electrical interference achieved by zero voltage switching provide environmentally friendly operation.

Ordering code

Phased introduction of features: Consult Eurotherm for availability

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1	Current	2	Voltage	3	Fuse	4	Input
16A	16 amps	240V	240 volts	FUSE	External fuse	LDC	DC logic
25A	25 amps	500V	500 volts	MSFU	Fuse + m/switch	HAC	AC logic
40A	40 amps	600V	600 volts	NONE	No fuse		
63A	63 amps		(consult factory)				
80A	80 amps						
100A	100 amps						
5	Language						
ENG	English						
FRA	French						
GER	German						
SPA	Spanish						
ITA	Italian						

External fuses and holders may be ordered separately, see pages 3-47 to 3-49.

Features

- 16-100 amps, 120-600Vac
- fixed build design
- zero cross fired
- LED status indicator

Specifications

Dimensions:

16A:	156H x 35W x 110D mm
25A:	156H x 35W x 140D mm
40A:	156H x 52.5W x 140D mm
63A:	156H x 70W x 160D mm
80:	226H x 96W x 164D mm
100A:	226H x 96W x 164D mm

Load type:

Resistive (Low Temperature Coefficient)

Inputs:

DC Logic (LDC): 32V (ON>5V, OFF<2V)
or (ON>9mA,
OFF<0.5mA)

AC Logic (HAC): 230V (ON>85VAC,
OFF<10VAC).

Firing mode:

Logic firing (ON/OFF) with zero voltage switching

Operating temperature:

0 to 45°C at rated current