

# TYPE : 8A CONTACTORS



A range of compact single pole, double break clapper contactors offering reliable switching with access to inspect contacts without disconnection. 250V AC loads from 32A to 63A can be accommodated.

## FEATURES

- Single normally open main pole and neutral terminal
- Up to 63A A.C. resistive and 20A lighting load per pole
- Rectified control circuit for silent operation
- 230V 50/60Hz control voltage as standard
- Integral control circuit protection via H.R.C. fuse link.
- Open type or IP42 sheet steel enclosure
- IP66 steel enclosure also available
- Manufactured to BS EN 60947-4-1

Alternative A.C. or D.C. control voltages are available as a factory fitted option



## STANDARD CONTACTOR UNITS

RATING	OPEN TYPE	ENCLOSED
32 Amp	<b>8ASPN32/16U</b>	<b>8ASPN32/16E</b>
45 Amp	<b>8ASPN45/20U</b>	<b>8ASPN45/20E</b>
63 Amp	<b>8ASPN63/20U</b>	<b>8ASPN63/20E</b>

## FACTORY FITTED OPTIONS

ALTERNATIVE CONTROL VOLTAGES			
Standard units have 230V A.C. control voltage. Add the option from the list below to the contactor reference			
A.C. CONTROL VOLTAGES		D.C. CONTROL VOLTAGES	
Voltage	Reference	Voltage	Reference
12V a.c	<b>12AC</b>	12V d.c	<b>12DC</b>
24V a.c	<b>24AC</b>	24V d.c	<b>24DC</b>
50V a.c	<b>50AC</b>	50V d.c	<b>50DC</b>
110-125V a.c	<b>110AC</b>	110-125V d.c	<b>110DC</b>
415V a.c	<b>415AC</b>	220-250V d.c	<b>220DC</b>
Details on request for control voltages not listed above			

## ORDERING EXAMPLE Standard Reference

**8A SPN 45/20 E**

Contactor type \_\_\_\_\_  
 Number of main poles (Single pole + Neutral terminal) \_\_\_\_\_  
 Main contact rating (45A resistive, 20A lighting) \_\_\_\_\_  
 Enclosure (U for unenclosed type) \_\_\_\_\_

## Factory Fitted Option

**+ 110DC**

Alternative Control Voltage (110-125V d.c.)

## SPECIFICATION

<b>CONTACT RATING at 250V 50Hz</b>			
LOAD TYPE	32/16	45/20	63/20
HEATING (AC1)	32A	45A	63A
LIGHTING	16A	20A	20A
SODIUM LIGHTING	8A	10A	10A
MOTOR (AC3)	13A	13A	13A

<b>TERMINAL CABLE SIZES</b>	
CONTROL SADDLE CLAMP	1 or 2 x 2.5mm <sup>2</sup>
MAIN CAGE CLAMP (32 & 45A)	1 x 25mm <sup>2</sup> or 2 x 10mm <sup>2</sup>
MAIN CAGE CLAMP (63A)	1 x 35mm <sup>2</sup> or 2 x 16mm <sup>2</sup>
NEUTRAL CAGE CLAMP	1 x 25mm <sup>2</sup> or 2 x 10mm <sup>2</sup>
<b>COIL CONSUMPTION</b>	A.C. - 7VA      D.C. - 4W

## OUTLINE DIMENSIONS (mm)

<p><b>8ASPN32/16U</b> <b>8ASPN45/20U</b> Weight : 0.3kg</p>	<p><b>8ASPN32/16E</b> <b>8ASPN45/20E</b> Weight : 1.2kg (IP42)</p> <p>CABLE KNOCKOUTS BOTH ENDS Knockouts are 20 &amp; 25mm dia</p> <p>ALL FIXING HOLES : Ø8.0mm</p>
<p><b>8ASPN63/20U</b> Weight : 0.35kg</p>	<p><b>8ASPN63/20E</b> Weight : 2.2kg (IP42)</p> <p>CABLE KNOCKOUTS BOTH ENDS Knockouts are 25 &amp; 38mm dia</p> <p>ALL FIXING HOLES : Ø8.0mm</p>
<p>All types are alternatively available in IP66 enclosure with hinged door - suffix <b>E66</b>. Dimensions (mm) 300h x 200w x 150d. Weight 4.8kg</p>	

## RELATED PRODUCTS

Enbray Contactors has a well established name for reliable electrical load management and manufactures a wide range of load switching devices ranging from miniature pulse operated devices up to 1250A fully automatic changeover systems.

Specific customer requested configurations can be produced which are supplied with all control wiring in place and therefore require the minimum of installation time. These include Safety Contactors, Emergency Changeover Systems, Multipole contactors, Contactors with normally closed main poles etc. Details on request

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