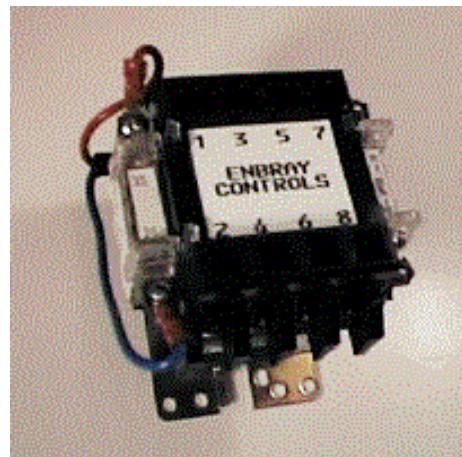


A range of compact block contactors with double break, silver alloy contacts rated at 20A 440V A.C. with a wide choice of A.C. and D.C. control voltages.

FEATURES

3 or 4 main poles
20A AC1 resistive and 9A AC3 motor load per pole
Wide range of A.C. and D.C. control voltages
Screw or 6.3mm spade terminations
Optional 35mm DIN rail mounting
Up to 2 n/o and 2 n/c auxiliary contacts
Also available in IP42 or IP66 enclosures

A.C. control types are available with 4 or 8 poles including auxiliaries. Note that one auxiliary is used by the control circuit when D.C. control is specified and that these types are therefore 3 or 7 pole.



ORDERING EXAMPLE

D 128 A 3 D U F A 800 - 107 E

DIN rail mounting _____
(No entry for standard)

Contactor type _____
A=standard type, E=rectified coil
D=dc load, 2 poles in series per line
Number of main poles (see table) _____
D=D.C. control, no entry for A.C. control _____

E= IP42 steel enclosure
E66=IP66 steel enclosure
(no entry for unenclosed type)

Coil Reference (see table)

Auxiliary contact arrangement (see table)

A= 6.3mm spade terminals
(no entry for standard clamp type)

F= Tropicalised coil (no entry for standard type)

TYPES AVAILABLE - A.C. CONTROL			
MAIN POLES	AUXILIARIES		ORDERING REFERENCE
	N/O	N/C	
3	1	0	128A3U100
3	0	1	128A3U200
4	0	0	128A4U
4	2	2	128A4U800
RECTIFIED A.C. CONTROL			
MAIN POLES	AUXILIARIES		ORDERING REFERENCE
	N/O	N/C	
3	0	0	128E3U
3	2	2	128E3U800
4	2	1	128E4U600
D.C. CONTROL			
MAIN POLES	AUXILIARIES		ORDERING REFERENCE
	N/O	N/C	
3	0	0	128A3DU
3	2	2	128A3DU800
4	2	1	128A4DU600

COIL REFERENCES (for rectified A.C. use the equivalent D.C. coil)							
A.C. on standard base			A.C. on DIN base			D.C. either base	
Voltage	Freq	Ref	Voltage	Freq	Ref	Voltage	Ref
24	50/60Hz	-74	110	50Hz	-78	12-15	-102
48-55	60Hz	-76	240	50Hz	-84	24-30	-103
110	50/60Hz	-79	380	50Hz	-86	30-40	-104
220-250	50Hz	-80	440	60Hz	-89	36-48	-105
220-250	60Hz	-81				48-65	-106
220	50/60Hz	-82				110-135	-107
250	50/60Hz	-95				220-250	-108
380-440	50Hz	-86					
440	50/60Hz	-90					
440-500	60Hz	-89					

ADDITIONAL ITEM REFERENCES

Spare coils : Add coil reference from the table to the part no. **MSA1666-**

2 pole link - part no. **MSA128231K**

4 pole link - part no. **MSA128232K**

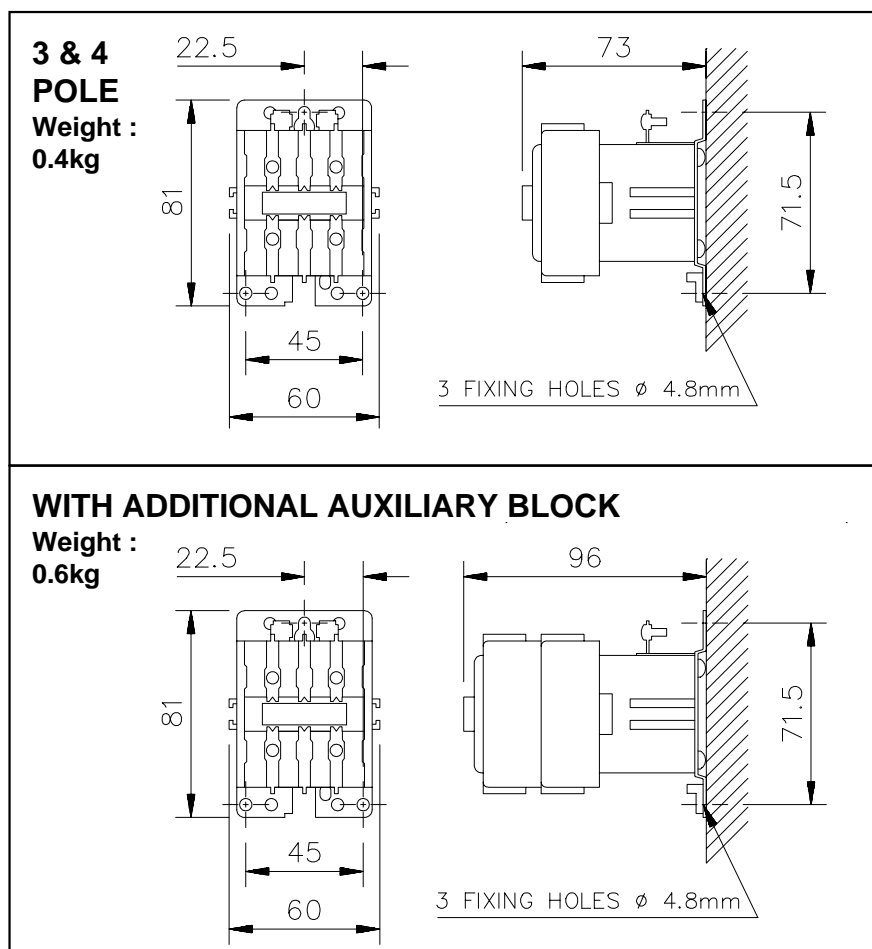
Coils for voltages other than those listed above are also available - details on request.

SPECIFICATION

CONTACT RATING at 600V A.C.		
LOAD TYPE	AMPS	kW at 415V
HEATING (AC1)	20	7.5 4 3 8
LIGHTING	10	
MOTOR (AC2)	14	
MOTOR (AC3)	9	
MOTOR (AC4)	7	
STAR-DELTA	16	8
DC RESISTIVE*	16	
* 2 POLES IN SERIES PER LINE FOR DC		

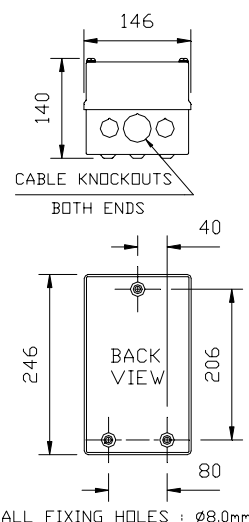
TERMINAL CABLE SIZES
SADDLE CLAMP FOR 1 x 4mm ² CABLE
COIL CONSUMPTION
A.C. : 54VA in-rush, 11VA hold-in D.C. : 75W in-rush, 1.5W hold-in
AUXILIARY CONTACT RATING
MAX 5A A.C. : 1000VA INDUCTIVE LOAD
MECHANICAL LIFE : >5 x 10 ⁶ OPS

OUTLINE DIMENSIONS (mm) : DIN rail mounting adds 6mm to the depths shown



ENCLOSED TYPES

IP42 SHEET STEEL ENCLOSURE
ALL TYPES - SUFFIX **E**
Weight : add 1.9kg to open type



ALTERNATIVE IP66 SHEET STEEL ENCLOSURE WITH HINGED DOOR - SUFFIX **E66**

ALL TYPES: 300h x 200w x 150d
Weight : add 4.5kg to open type

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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