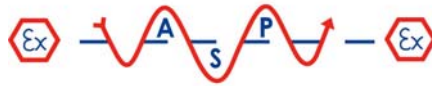


A.S.P. Electro-Technology Ltd INFORMATION SHEET



MSA/B/C Flameproof (Type 'd') DOL - Motor Starters



The range of MSA/B/C Flameproof (EExd) DOL Motor Starters are intended for use in areas made potentially hazardous by the presence of flammable liquids, gases or vapours (Zones 1, 21, 2 and Zone 22). Certified for Group IIB locations Designed for manual starting of motors from less than 0.37KW to 132KW and are available with or without a padlockable isolator.

The operating handle can be locked in the 'On' or 'Off' positions (padlock not included).

Starters incorporate overload protection and fused control circuits. Variations to our standard specification are available, All enclosures are chromate primed and polyester powder coated for increased protection against corrosion in hostile

Materials and Finish

Body & Cover Copper free aluminium alloy LM25 (BS1490) with less than 0.2% copper content.

Cover Bolts Stainless steel (18/8).
Finish Chromate primed and polyester powder coated. Textured black as standard. Other finishes available on request.

Earthing

All enclosures are supplied with a 6mm stainless steel (18/8) internal and external earth stud as standard. Larger internal earths can be fitted on request.

Approvals

Enclosures are CSA approved.

Entries and Thread Standards

Standard thread forms are ISO Metric to BS 3643 and are dependent upon the rating of the NPT or GAS can be supplied on request.

Protection Grade

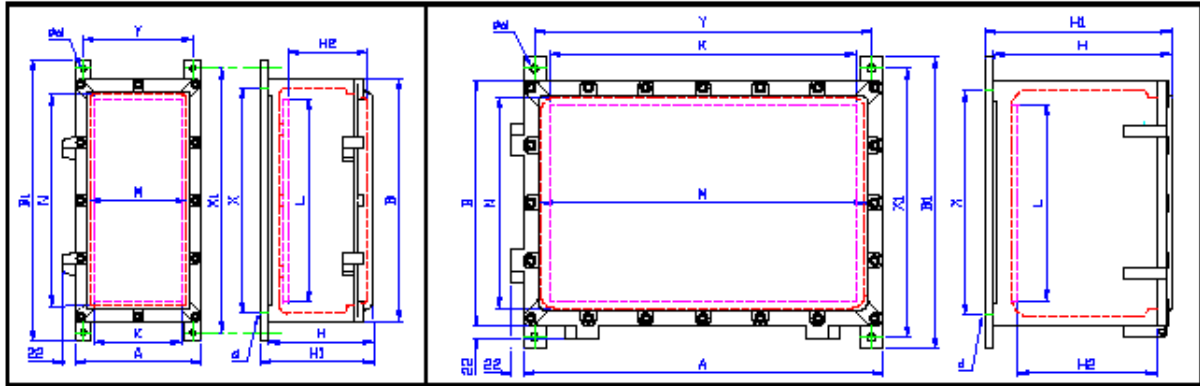
EJB10/15 and Style 'A' flat lid enclosures incorporate a gasket providing Ingress Protection to IP66. All other enclosures are IP54, but can be increased to IP66 with the application of Hylomar PL32/M. Application of a non hardening grease to flamepaths and entries is recommended.

Certification

ISSeP Certificate. ISSeP03ATEX029
EN50014/50018
EExd - IIB T6 EE



Dimensions



MODEL	OVERALL DIMENSIONS						MOUNTING DETAILS					MOUNTING PLATE		ENCL. OPENING		WT KG
	Cat. No	A	B	B1	H	H1	H2	X	X1	Y	d	Ød	K	L	M	
EJB15	222	141	-	160	-	127	119	-	200	6	-	90	175	80	100	5
EJBS1	180	260	340	193	208	145	230	300	150	M8	10	120	200	125	205	9
EJBS2	230	440	520	191	206	125	410	480	200	M8	10	165	375	173	385	16
EJB4RA	430	330	410	217	232	150	290	370	390	M12	14	345	255	360	260	30
EJB5A	640	440	520	317	332	225	400	480	600	M12	14	565	350	576	360	68

Ordering Information

Direct on Line motor starters up to 132KW, 415V 50Hz 3 phase or 440V 60Hz 3 phase, all with local start/stop-reset push buttons. Padlockable isolator available for up to 75KW motors - specify when ordering. Isolator for 110 and 132KW versions supplied separately for site mounting. Overloads cover the range of 0.1A to 250A all with single phase protection. Specify rating required when ordering. Variations on our standard range can include:- remote control, control transformers, running/ tripped lamps as well as voltage and frequency, all available on request.

Power Rating	Without Isolator	Enclosure	With Isolator	Enclosure
up to 4.0KW	MSC01	EJB15		
5.5KW	MSC02	EJB15		
7.5KW	MSC03	EJB15		
up to 5.5KW	MSA01	EJBS1	MSBS01	EJBS2
7.5KW	MSA02	EJBS1	MSBS02	EJBS2
11.0KW	MSA03	EJBS1	MSBS03	EJBS2
15.0KW	MSB04	EJBS1	MSBS04	EJBS2
18.5KW	MSB05	EJBS2	MSBS05	EJBS2
22.0KW	MSB06	EJBS2	MSBS06	EJBS2
30.0KW	MSB07	EJBS2	MSBS07	EJB4RA
37.0KW	MSB08	EJB4RA	MSBS08	EJB4RA
45.0KW	MSB09	EJB4RA	MSBS09	EJB4RA
55.0KW	MSB10	EJB5A	MSBS10	EJB5A
75.0KW	MSB11	EJB5A	MSBS11	EJB5A
110.0KW	MSB12	EJB5A*	MSBS12	EJB5A*
132.0KW	MSB13	EJB5A*	MSBS13	EJB5A*

*Isolator for these motors are supplied separately for site mounting in an EJB4A enclosure

- Specify cable entry and thread form on ordering.
- Details of certification and conformity can be provided on request.
- All products sold subject to our terms and conditions of business.
- Health and Safety at Work Act 1974. In the UK all equipment must be installed and disposed of (as required) within the legislative requirements of the Health & Safety at Work Act 1974.

Supplied by:

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Specialist Suppliers of Hazardous Area
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This publication is not intended to form the basis of a contract. All the above specifications, dimensions, weights, tolerances etc are typical and may be varied or changed by the manufacturer without prior notice. A.S.P. Electro-Technology accept no liability for consequence of use.