



IMO

STARLINE CATALOGUE 2019

www.imopc.com

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Jaguar Variable Speed AC Drives TRUE DC Solar Isolators iView Advanced HMI XGB Programmable Logic Controller i3 Intelligent Control Station FireRaptor Solar Panel Rapid Shutdown System Miniature Circuit Breakers iSmart Intelligent Relays Industrial Relays Residual Circuit Breakers Contactors Enclosed AC Isolators Thermal Overload Relays Motor Circuit Breakers DIN Rail Terminals Power Supplies Proximity Sensors Limit Switches Photoelectric Sensors Foot Switches Cam Switches Modular Heating & Lighting Contactors Plug-In Relays iStart Enclosed Starters Sockets For Power Relays Safety Limit Switches Signal Conditioning Push Buttons Distribution Boxes Pilot Lights Timers Temperature Controllers Enclosures Solar Connectors Rotary Knobs Jaguar Variable Speed AC Drives TRUE DC Solar Isolators iView Advanced HMI XGB Programmable Logic Controller i3 Intelligent Control Station FireRaptor Solar Panel Rapid Shutdown System Miniature Circuit Breakers iSmart Intelligent Relays Industrial Relays Residual Circuit Breakers Contactors Enclosed AC Isolators Thermal Overload Relays Motor Circuit Breakers DIN Rail Terminals Power Supplies Proximity Sensors Limit Switches Photoelectric Sensors Foot Switches Cam Switches Modular Heating & Lighting Contactors Plug-In Relays iStart Enclosed Starters Sockets For Power Relays Safety Limit Switches Signal Conditioning Push Buttons Distribution Boxes Pilot Lights Timers Temperature Controllers Enclosures Solar Connectors Rotary Knobs

The Future In Control

IMO STARLINE CATALOGUE 2019

IMO Precision Controls

Often copied, never equalled... since 1972



Founded in 1972, IMO has grown from its UK base to become a global manufacturer and supplier of industrial control and electronic components and systems. Our history is one of innovation. Whether it is the first ever BT Type 47 Approved relay or the first ever compact AC inverter for motor speed control, IMO has always been focused on breaking barriers. That philosophy extends to the company's service model with features such as advanced online customer ordering and visibility, integrated logistics and the industry's first global third party fulfilment agreement described by the trade press as "a deal ahead of its time".

Our quality assured manufacturing sites ensure IMO products continue to be recognized for quality and reliability. Backed by unique warranty periods of up to Five Years and in compliance with all relevant international standards and approvals, customers specifying IMO products can do so with the knowledge and security that they are making a no compromise selection.

We succeed through the success of our customers. Blue Chip manufacturers the world over rely on IMO to help them achieve higher levels of innovation, competitiveness and reliability. It is a philosophy that continues to deliver results and one which creates close and long lasting relationships with our customers world-wide.



IMO Online

The IMO website includes a customer portal for placing orders online and includes an Account Management area, along with all of your historical data. It even makes recommendations based upon your purchasing history. The site also features detailed product search, latest news stories and much more.

 www.imopc.com

Unrivalled service... professionally delivered

It isn't just the fact that we have over 15,000 product lines available, and next day delivery on stock items ordered online by 3.00pm that sets our service apart from the rest. Something that IMO has always excelled in is the level of personalised service we offer to all of our customers, and we believe it is this that truly sets us apart from the competition.

When you become a customer of IMO, you also become part of the family. Our highly trained customer service representatives are quick to learn your requirements, and concentrate on the one thing that we think brings you back to IMO each time, and that is ensuring your happiness through delivering the right products, at the right time, the right price and with a huge amount of care and attention that simply isn't available anywhere else.

Our team of technical specialists know our products inside out, and have years of experience in the field as well as specifically liaising with and helping customers resolve issues to ensure the best possible outcome for them.

 www.imopc.com

Leading the way...

- Over 15,000 product lines available for next day delivery
- Worldwide Technical Support
- Amongst the best warranties in the industry
- Iconic IMO trade counter display stands
- Promotional materials *including product brochures, window stickers, counter mats, posters, product displays and case studies*



Seamlessly integrated...

IMO's custom built Pack'N'Track system integrates our logistics seamlessly to DHL, enabling later next day delivery cut-off times, and total tracking visibility from the moment a delivery note is printed.

The customised programme ensures that DHL just collect and deliver, and with over 50,000 square feet of warehousing packed with products at our European HQ in London, that kind of efficiency is needed to ensure our customers get their products on-time, every time.

Just another way that we are making the customer experience even better!

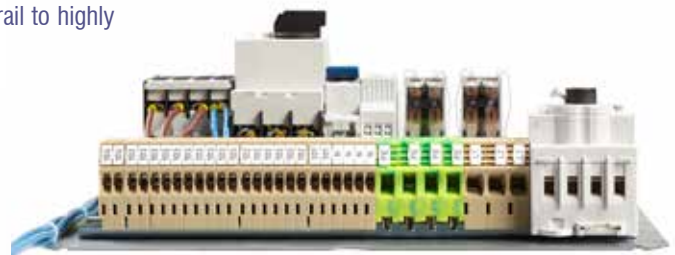
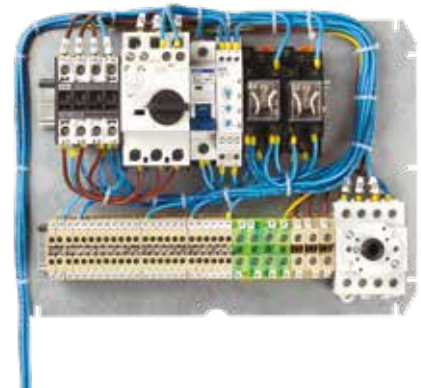


Custom solutions...

Satisfying an ever-growing trend in the market, the IMO Assembly Division provides bespoke solutions to customer requirements for components pre-assembled onto mounting rails, or into enclosures. We can offer totally customised solutions which can include many different control components, such as contactors, relays, timers, miniature circuit breakers etc. IMO can also offer a complete custom wiring solution from prepared cables and cable looms to crimpings, terminations and housings.

New and old customers can seriously benefit from outsourcing both pre-assembled components and prepared wiring. Benefits include a lower overall cost with reduced installation times, lower inventory expense with no tooling investment, and total peace of mind knowing that every assembled solution comes 100% pre-tested.

Whatever your requirement, from a simple, cable assembly or single rail to highly complex solutions, contact IMO to discuss your needs.



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Same day dispatch...

IMO Precision Controls feel that in order to offer a class-leading service, we need to ensure that all orders are processed as quickly as possible. So if you place your order before 3.00pm, and it is a general stock item, your order will be dispatched the same day.

If your order is really urgent, it can be dispatched with next day delivery (available at an additional cost), ensuring you get your product in the fastest and most reliable method available.



Your Success Is Our Success...

Our customers' competitive challenges are of paramount importance to our own success so we work tirelessly to help our customers differentiate their product, improve their service offering and grow their market share. Our approach has allowed us to enjoy long-term relationships with some of the largest blue-chip companies in the world and to help tomorrow's success stories on their journey to prominence.

With customer relationships that, in some cases, go back over 30 years we are proud to have earned and maintained the trust of so many of our customers for so long. Regardless of the evolution of technology and market forces, the basic principles at the heart of our business relationships always remain constant.



A Global Network...

The IMO brand is increasingly recognised around the world for quality, reliability and cost efficiency. From our traditional UK base, we now derive 50% of our revenue from overseas sales, and we continue to invest in our growth in both home and international markets in order to best meet the expectations of our customers.

With global office locations in the UK, USA, Australia, Canada, France, Italy & South Africa, & with a global distribution network covering Austria, Brazil, Bulgaria, China, Cyprus, Denmark, El Salvador, Finland, Germany, Greece, Hungary, Ireland, Mexico, Netherlands, Pakistan, Portugal, Romania, Russian Federation, Spain, Switzerland, Tunisia & Vietnam, when you buy into IMO, you are buying a truly global brand.



Product Training...

IMO Precision Controls offers in-house or on-site training courses for our Drives & Automation products, including all HMI's, PLC's, Intelligent Controllers and Jaguar AC Inverter Drives.

Training modules can be standard or higher level, tailored to customer's specific requirements. They are designed to familiarise customers with the use and programming of IMO intelligent products. Each module is usually based on one product range.

To find out more about IMO bespoke training courses, contact IMO.



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Push Buttons, Rotary Knobs, Pilot Lights & Accessories Including Pushbutton Enclosures, Lens Caps & Contact Blocks

Stop Push Buttons IP67



Part Number	Description	Price
BS3P3RED-O	28mm Red with White "O" Twist Release Black Bezel	£6.72
BC3P34RED-O	40mm Red with White "O" Twist Release Chrome Bezel	£7.52
BS3P34RED-O	40mm Red with White "O" Twist Release Black Bezel	£7.52
BS3P45RED	38mm Red Emergency Stop according to EN ISO 13850	£10.37
BS3P44S3	40mm Red Key Release Emergency Stop according to EN ISO 13850	£29.82

Push Buttons IP67



Part Number	Description	Price
BS3P14RED-O	Mushroom Head Push Button 40mm Red with White "O"	£6.72
BS3DBLA-ARROW	Black with White Arrow Spring Return Black Bezel	£4.28
B3DBLACK	Black Spring Return Aluminium Bezel	£5.22
BS3DBLACK	Black Spring Return Black Bezel	£4.28
B3DBLUE	Blue Spring Return Aluminium Bezel	£5.22
BS3DBLUE	Blue Spring Return Black Bezel	£4.28
BS3DGRE-I	Green Spring Return White/Black Bezel	£4.28
BS3DGREEN	Green Spring Return Black Bezel	£4.28
BS3DRED	Red Spring Return Black Bezel	£4.28
B3DRED	Red Spring Return Aluminium Bezel	£5.22
B3P1RED	28mm Red Spring Return Aluminium Bezel	£7.37
BS3DYELLOW	Yellow Spring Return Black Bezel	£4.28

Illuminated Stop Buttons IP65/67



Part Number	Description	Price
B3DLRED	Red Spring Return Aluminium Bezel IP67	£5.22
B3DLGREEN	Green Spring Return Aluminium Bezel IP67	£5.22
B3DLYELLOW	Yellow Spring Return Aluminium Bezel IP67	£5.22
B3DLBLUE	Blue Spring Return Aluminium Bezel IP67	£5.22
BS3KL2	2 Position Rotary Knob Black Bezel IP67	£6.87
BS3DT-GRE/RED	Double Actuation Green/Red Black Bezel IP65	£9.11
BC3DT-GRE/RED	Double Actuation Green/Red Chrome Bezel IP65	£9.11
B3DT-GRE/RED	Double Actuation Green/Red Aluminium Bezel IP65	£9.11

Rotary Knobs IP65



Part Number	Description	Price
B3KN2	2 Position Maintained 60° Aluminium Bezel	£8.19
BC3KN2	2 Position Maintained 60° Chrome Bezel	£6.87
BS3KN2	2 Position Maintained 60° Black Bezel	£6.87
B3KN3	3 Position Maintained 60° Aluminium Bezel	£8.19
BS3KN3	3 Position Maintained 60° Black Bezel	£6.87
BS3KN9	2 Position Maintained 120° Black Bezel	£6.87
BS3KN10	2 Position Maintained 90° Black Bezel	£5.89
B3SAR0	Key Operated 2 Position Maintained 60° Aluminium Bezel Removeable In OFF	£27.31
B3SAR1	Key Operated 2 Position Maintained 60° Aluminium Bezel Removeable In ON	£26.11
B3SAR01	Key Operated 2 Position Maintained 60° Aluminium Bezel Removeable In OFF & ON	£27.31
B3SAT0	Key Operated 2 Position Spring Return 60° Aluminium Bezel Removeable In OFF	£27.31
B3SARR0	Key Operated 3 Position Maintained 60° Aluminium Bezel Removeable In OFF	£27.31
B3SARR102	Key Operated 3 Position Maintained 60° Aluminium Bezel Removeable In OFF & ON	£27.31
B3SAT10	Key Operated 3 Position Spring Return 60° Aluminium Bezel Removeable In OFF	£27.31

NOTE: All Rotary Knobs are available with either Aluminium, Black or Chrome bezels. For different bezel finishes, the part number is affected as follows:-

B3KN2 - Aluminium Bezel
BS3KN2 - Black Bezel
BC3KN2 - Chrome Bezel

Contact Blocks



Part Number	Description	Price
B3T01	1NC Clips onto B3S & B3M	£3.51
B3T10	1NO Clips onto B3S & B3M	£3.51
B4TU11	1NO & 1NC for BG Enclosures	£7.11
B4TU10F	1NO with Lamp Holder for BG Enclosures	£9.43
B4TU10	1NO for BG Enclosures	£4.41
B4TU02	2NC for BG Enclosures	£7.11
B4TU20	2NO for BG Enclosures	£7.11
B3S*	Panel Mounting Collar	£0.80

* Can also be used with LED Pilot Lights (overleaf).

LED Pilot Lights IP65



Part Number	Description	Price
LMB-110-GREEN	Green 110VAC	£4.55
LMB-110-RED	Red 110VAC	£4.55
LMB-110-WHITE	White 110VAC	£4.55
LMB-110-YELLOW	Yellow 110VAC	£4.55
LMB-230-GREEN	Green 230VAC	£4.55
LMB-230-RED	Red 230VAC	£4.55
LMB-230-WHITE	White 230VAC	£4.55
LMB-230-YELLOW	Yellow 230VAC	£4.55
LMB-24-BLUE	Blue 24V AC/DC	£4.55
LMB-24-GREEN	Green 24V AC/DC	£4.55
LMB-24-RED	Red 24V AC/DC	£4.55
LMB-24-WHITE	White 24V AC/DC	£4.55
LMB-24-YELLOW	Yellow 24V AC/DC	£4.55

Transparent Lens Caps IP67



Part Number	Description	Price
B3RFGREEN	Green Lens Cap Fresnel Lens	£2.20
B3RFRED	Red Lens Cap Fresnel Lens	£2.20
B3RGREEN	Green Lens Cap	£3.21
B3RRRED	Red Lens Cap	£3.21

LED & Filament Bulbs



For use with B3F Lamp Holders
(B39S Lamps)



Part Number	Description	Price
B3-L110-GREEN	Green LED Lamp 110V AC	£5.39
B3-L12-WHITE	White LED Lamp 12V AC	£5.96
B3-L230-BLUE	Blue LED Lamp 230V AC	£6.86
B3-L24A-RED	Red LED Lamp 24V AC/DC	£3.47
LAMP110V	Filament Lamp 110V AC	£1.79
LAMP12V	Filament Lamp 12V AC	£1.79

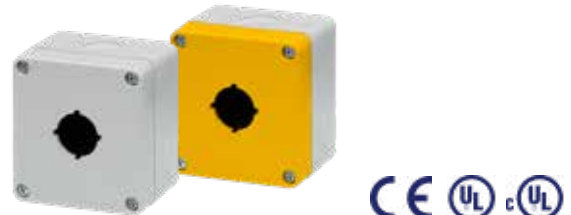
NOTE: LED lamps are available in a selection of different colours including Yellow, Red, Blue, Green, Amber and White. See www.imopc.com for available colours.

Emergency Stop Stations



Part Number	Description	Price
BG10P45-11	Emergency Stop Station 40mm Red with Yellow Face 1NO and 1NC Contacts IP67	£29.50
BG10P34-01	Emergency Stop Station 40mm Twist To Release 1NC Contacts IP67	£28.13
BG10P34-02	Emergency Stop Station 40mm Twist To Release 2NC Contacts IP67	£29.94
BG10P34P-02	Emergency Stop Station 70mm Red Twist Release Yellow Enclosure Face 2NC Contacts IP67	£38.95
BG10P34P-11	Emergency Stop Station 70mm Red Twist Release Yellow Enclosure Face 1NO & 1NC Contacts IP67	£39.92
BG10P44S3-11-SK	Fire Brigade Key Operated 40mm With Yellow Shroud 1NO & 1NC	£58.65

Push Button Enclosures



Part Number	Description	Price
BG1	Grey Enclosure 1 Hole	£14.22
BG1YEL	Grey with Yellow Front Enclosure 1 Hole	£14.22
BG2	Grey Enclosure 2 Holes	£18.15
BG3	Grey Enclosure 3 Holes	£20.79

Push Button Accessories



Part Number	Description	Price
B3-SK-YELLOW	Shroud 40mm Max. Button Diameter	£9.85
J7049	Pushbutton Collar Tightening Tool	£1.51
B3-7603-2	E Stop Legend Plate	£2.79
B4-R455	Spare Key	£6.34
B3S	Push Button Collar for B3T/F Products	£0.80
B3M	Push Button Panel Mount Collar	£0.80
B3F	Lamp Holder for Push Buttons	£4.91

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DIN Rail Mountable, Panel Mount & Plug-In Timers

DIN Rail Mountable Timers



Part Number	Description	Price
TDM10	10 Function 24-230V AC/DC SPCO	£37.84
TDAS	Asymmetrical 24-230V AC/DC SPCO	£37.84
TDSD1	Star Delta 20-500ms 230-400VAC DPCO	£46.92
TDFR	Forward Off Reverse 2P CO 10A, 0.1s-10d	£33.38

Panel Mount Timers



Part Number	Description	Price
TA11-A100-230AC	0.05s-60hr DPCO 5A 11 Pin Octal	£66.36
TA11-A24AC/DC	0.05s-60hr DPCO 5A 11 Pin Octal	£66.36
TA8-A100-230AC	0.05s-60hr DPCO 5A 8 Pin Octal	£52.46
TA8-A24AC/DC	0.05s-60hr DPCO 5A 8 Pin Octal	£52.46
TA8-DA100-230AC	0.1m-12m DPCO 5A 8 Pin Octal	£74.69
TA8-SA100-230AC	0.05s-60hr SPCO 5A 8 Pin Octal	£59.36
TA8-TA100-230AC	0.05s-60hr DPCO 5A 8 Pin Octal	£100.06
TA8-DA24AC/DC	0.06s-12m DPCO 5A 8 Pin Octal	£74.69
TA8-SA24AC/DC	0.05s-60hr SPCO Timed 5A 8 Pin Octal	£59.36

Plug-In Timers



Part Number	Description	Price
TY4-12DC	14 Pin On Delay 0.1s-100h 12VDC	£36.88
TY4-24DC	14 Pin On Delay 0.1s-100h 24VAC/DC	£36.88
TY4-24AC	14 Pin On Delay 0.1s-100h 24VAC	£36.88
TY4-115AC	14 Pin On Delay 0.1s-100h 115VAC	£36.88
TY4-230AC	14 Pin On Delay 0.1s-100h 230VAC	£36.88

iStart Enclosed Starters Plastic enclosed DOL Starters



DOL Starter IP65



Plastic enclosure



Part Number	Description	Price
DOL10230*	DOL 4kW 10A Start & Stop 230VAC	£52.05
DOL10400*	DOL 4kW 10A Start & Stop 400VAC	£52.05
DOL10110*	DOL 4kW 10A Start & Stop 110VAC	£52.05
DOL18230*	DOL 7.5kW 10A Start & Stop 230VAC	£63.16
DOL18400*	DOL 7.5kW 10A Start & Stop 400VAC	£63.16
DOL18110*	DOL 7.5kW 10A Start & Stop 110VAC	£63.16

* Overload = U12/16E...MC

Distribution Boxes, Enclosures & Accessories

IP66/55 Terminal Junction Boxes



Polycarbonate, V0 Rated
Supplied with 3 Cable Entry Glands
& Sealing Plugs



Part Number	Description	Price
TB30C	7xM20 Entry (88 x 88 x 53mm)	£4.44
TB31C	7xM25 Entry (98 x 98 x 61mm)	£5.83
TB32C	6xM25/32 & 4xM25 Entry (119 x 139 x 70mm)	£11.02
TB33C	10xM25/32 Entry (125 x 167 x 82mm)	£16.58

ASA Plastic Distribution Boxes



High Thermal Stability
Transparent Door
Earth & Neutral Bars Included
Suitable for PV Applications



Part Number	Description	Price
E-04W	4 Way IP65 (127 x 200 x 120mm)	£30.20
E-08W	8 Way IP65 (200 x 200 x 120mm)	£36.88
E-12W	12 Way IP65 (318 x 258 x 142mm)	£48.42
E-24W	24 Way IP65 (318 x 383 x 142mm)	£69.63
E-36W	36 Way IP65 (507 x 318 x 142mm)	£75.13

NOTE: Each distribution box comes with a set of accessories which includes:-

- 6 way divisible blanking plates
- 4x wall plug and screws
- 4x internal screw caps
- Application identifier stickers

ABS Plastic Alpha Enclosures



Plain Sided Walls
IP66 - IP67 Rating
Circuit Board Slots in Base
Screws Captive Once Fitted
All models below are also available in
UL Approved Polycarbonate



Part Number	Description	Price
144E0001	Opaque ABS (75 x 125 x 75mm)	£7.48
144E0002	Opaque ABS (125 x 125 x 75mm)	£8.91
144E0003	Opaque ABS (125 x 125 x 100mm)	£9.23
144E0004	Opaque ABS (125 x 175 x 75mm)	£10.66
144E0005	Opaque ABS (125 x 175 x 100mm)	£10.99
144E0006	Opaque ABS (125 x 175 x 125mm)	£11.30
144E0007	Opaque ABS (175 x 175 x 100mm)	£14.46
144E0008	Opaque ABS (175 x 175 x 125mm)	£14.94
144E0009	Opaque ABS (175 x 175 x 150mm)	£20.04
144E0010	Opaque ABS (175 x 250 x 100mm)	£23.85
144E0011	Opaque ABS (175 x 250 x 150mm)	£27.34

Relay & Contactor Enclosures



IP65 Rated



Part Number	Description	Price
P1M	With DIN Rail (89 x 180 x 101mm)	£14.72
P1MT	With Start & Stop Buttons	£24.87

ABS Plastic Beta Enclosures



Plain Sided Walls
IP66 - IP67 Rating
Circuit Board Slots in Base
Screws Captive Once Fitted



Part Number	Description	Price
144E1001	Opaque ABS (53 x 55 x 36mm)	£4.62
144E1002	Opaque ABS (80 x 82 x 56mm)	£8.44
144E1003	Opaque ABS (80 x 120 x 56mm)	£9.23
144E1004	Opaque ABS (80 x 120 x 86mm)	£9.53
144E1005	Opaque ABS (80 x 160 x 56mm)	£9.57
144E1007	Opaque ABS (120 x 122 x 86mm)	£12.09
144E1008	Opaque ABS (120 x 200 x 86mm)	£13.67
144E1009	Opaque ABS (160 x 240 x 121mm)	£22.59
144E1010	Opaque ABS (230 x 300 x 111mm)	£31.82
144E1015	Opaque ABS (300 x 400 x 132mm)	£48.53
144E2002	Transparent Lid ABS (125 x 125 x 75mm)	£9.69
144E2003	Transparent Lid ABS (125 x 175 x 100mm)	£11.91
144E2004	Transparent Lid ABS (125 x 175 x 150mm)	£12.89

Enclosure Accessories



Part Number	Description	Price
E-LOCK	Barrel Lock to suit E-xxW Distribution Boxes	£13.37
144A0001	Hinge Pair	£7.02
144R0001	DIN Rail for 144E0001	£0.77
144R0002	DIN Rail for 144E0002/3	£0.97
144R0004	DIN Rail for 144E0004/5/6/7/8/9	£1.04
144R0010	DIN Rail for 144E0010/11	£1.19

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Enclosed AC Isolators (PE69)

3, 4, 6 & 8 Pole Versions Available, On Load 20A ~ 125A

PE69 3 Pole ↑125A IP66 AC Isolator



Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description	Price
PE69-3020	3 Pole 20 Amp (AC21) 16 Amp (AC23)	£25.61
PE69-3025	3 Pole 25 Amp (AC21) 20 Amp (AC23)	£27.31
PE69-3032	3 Pole 32 Amp (AC21) 25 Amp (AC23)	£28.10
PE69-3040	3 Pole 40 Amp (AC21) 32 Amp (AC23)	£32.44
PE69-3063	3 Pole 63 Amp (AC21) 45 Amp (AC23)	£56.31
PE69-3080	3 Pole 80 Amp (AC21) 45 Amp (AC23)	£68.27
PE69-30100	3 Pole 100 Amp (AC21) 72 Amp (AC23)	£129.11
PE69-30125	3 Pole 125 Amp (AC21) 85 Amp (AC23)	£155.41

PE69 4 Pole ↑125A IP66 AC Isolator



Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description	Price
PE69-4020	4 Pole 20 Amp (AC21) 16 Amp (AC23)	£32.44
PE69-4025	4 Pole 25 Amp (AC21) 20 Amp (AC23)	£34.14
PE69-4032	4 Pole 32 Amp (AC21) 25 Amp (AC23)	£36.89
PE69-4040	4 Pole 40 Amp (AC21) 32 Amp (AC23)	£40.98
PE69-4063	4 Pole 63 Amp (AC21) 45 Amp (AC23)	£71.68
PE69-4080	4 Pole 80 Amp (AC21) 45 Amp (AC23)	£85.32
PE69-40100	4 Pole 100 Amp (AC21) 72 Amp (AC23)	£149.43
PE69-40125	4 Pole 125 Amp (AC21) 85 Amp (AC23)	£185.13

PE69 L 3 Pole ↑125A IP66 AC Isolator



Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description	Price
PE69-3020L	3 Pole 20 Amp (AC21) 16 Amp (AC23)	£25.61
PE69-3025L	3 Pole 25 Amp (AC21) 20 Amp (AC23)	£27.31
PE69-3032L	3 Pole 32 Amp (AC21) 25 Amp (AC23)	£28.10
PE69-3040L	3 Pole 40 Amp (AC21) 32 Amp (AC23)	£32.44

PE69 L 4 Pole ↑125A IP66 AC Isolator



Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description	Price
PE69-4020L	4 Pole 20 Amp (AC21) 16 Amp (AC23)	£32.44
PE69-4032L	4 Pole 32 Amp (AC21) 25 Amp (AC23)	£36.89
PE69-4040L	4 Pole 40 Amp (AC21) 32 Amp (AC23)	£40.98

PE69 6 Pole ↑80A IP66 AC Isolator



Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description	Price
PE69-6020	6 Pole 20 Amp (AC21) 16 Amp (AC23)	£50.75
PE69-6025	6 Pole 25 Amp (AC21) 20 Amp (AC23)	£53.75
PE69-6032	6 Pole 32 Amp (AC21) 25 Amp (AC23)	£56.73
PE69-6040	6 Pole 40 Amp (AC21) 32 Amp (AC23)	£69.55
PE69-6063	6 Pole 63 Amp (AC21) 45 Amp (AC23)	£123.84
PE69-6080	6 Pole 80 Amp (AC21) 45 Amp (AC23)	£151.00

PE69 8 Pole ↑80A IP66 AC Isolator



Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description	Price
PE69-8020	8 Pole 20 Amp (AC21) 16 Amp (AC23)	£85.30
PE69-8025	8 Pole 25 Amp (AC21) 20 Amp (AC23)	£90.63
PE69-8032	8 Pole 32 Amp (AC21) 25 Amp (AC23)	£96.90
PE69-8040	8 Pole 40 Amp (AC21) 32 Amp (AC23)	£103.25
PE69-8063	8 Pole 63 Amp (AC21) 45 Amp (AC23)	£143.64
PE69-8080	8 Pole 80 Amp (AC21) 45 Amp (AC23)	£168.69

Front Panel (PM69), Direct (DM69) & Base Mount AC Isolators (LB69) 3 & 4 Pole Versions Available, On Load 20A ~ 80A

PM69 3 Pole ↑ 125A AC Isolator



Range of Door Handles
(1 or 3 Padlocking Postions) Available



Part Number	Description	Price
PM69-3020-B64	3 Pole 20 Amp Black Handle 64x64mm	£21.29
PM69-3020-RY48	3 Pole 20 Amp Red/Yellow Handle 48x48mm	£21.29
PM69-3020-RY64	3 Pole 20 Amp Red/Yellow Handle 64x64mm	£21.29
PM69-3025-RY64	3 Pole 25 Amp Red/Yellow Handle 64x64mm	£22.60
PM69-3032-RY64	3 Pole 32 Amp Red/Yellow Handle 64x64mm	£23.75
PM69-3040-RY64	3 Pole 40 Amp Red/Yellow Handle 64x64mm	£25.40
PM69-3063-RY64	3 Pole 63 Amp Red/Yellow Handle 64x64mm	£29.60
PM69-3080-RY64	3 Pole 80 Amp Red/Yellow Handle 64x64mm	£38.66
PM69-30100-RY64	3 Pole 100 Amp Red/Yellow Handle 64x64mm	£69.64
PM69-30125-RY64	3 Pole 125 Amp Red/Yellow Handle 64x64mm	£87.06

PM69 4 Pole ↑ 125A AC Isolator



Range of Door Handles
(1 or 3 Padlocking Postions) Available



Part Number	Description	Price
PM69-4020-RY64	4 Pole 20 Amp Red/Yellow Handle 64x64mm	£26.72
PM69-4032-RY48	4 Pole 32 Amp Red/Yellow Handle 48x48mm	£29.01
PM69-4040-RY64	4 Pole 40 Amp Red/Yellow Handle 64x64mm	£31.77
PM69-4063-RY64	4 Pole 63 Amp Red/Yellow Handle 64x64mm	£37.21
PM69-4080-RY64	4 Pole 80 Amp Red/Yellow Handle 64x64mm	£45.00
PM69-40100-RY64	4 Pole 100 Amp Red/Yellow Handle 64x64mm	£73.25

LB69 3 Pole ↑ 80A AC Isolator



Range of Interlocked Door Handles
(1 or 3 Padlocking Postions) Available



Part Number	Description	Price
LB69-3020	3 Pole 20 Amp (AC21) 16 Amp (AC23)	£20.48
LB69-3025	3 Pole 25 Amp (AC21) 20 Amp (AC23)	£22.19
LB69-3032	3 Pole 32 Amp (AC21) 25 Amp (AC23)	£24.02
LB69-3040	3 Pole 40 Amp (AC21) 32 Amp (AC23)	£24.75
LB69-3063	3 Pole 63 Amp (AC21) 45 Amp (AC23)	£34.14
LB69-3080	3 Pole 80 Amp (AC21) 45 Amp (AC23)	£37.54

LB69 4 Pole ↑ 80A AC Isolator



Range of Interlocked Door Handles
(1 or 3 Padlocking Postions) Available



Part Number	Description	Price
LB69-4020	4 Pole 20 Amp (AC21) 16 Amp (AC23)	£25.61
LB69-4025	4 Pole 25 Amp (AC21) 20 Amp (AC23)	£27.65
LB69-4032	4 Pole 32 Amp (AC21) 25 Amp (AC23)	£28.96
LB69-4040	4 Pole 40 Amp (AC21) 32 Amp (AC23)	£29.84
LB69-4063	4 Pole 63 Amp (AC21) 45 Amp (AC23)	£40.09
LB69-4080	4 Pole 80 Amp (AC21) 45 Amp (AC23)	£43.50

NOTE: 6 Pole and 8 Pole versions are available upon request.

DM69 3,4 & 8 Pole ↑ 80A AC Isolator



1 Padlocking Postion
48x48 Handle in Black or Red/Yellow
To Suit Distribution Boxes



Part Number	Description	Price
DM69-3020-RY48	3 Pole 20 Amp (AC21) Red/Yellow Handle	£18.98
DM69-3032-RY48	3 Pole 32 Amp (AC21) Red/Yellow Handle	£21.24
DM69-3063-RY48	3 Pole 63 Amp (AC21) Red/Yellow Handle	£29.60
DM69-4032-RY48	4 Pole 32 Amp (AC21) Red/Yellow Handle	£27.24
DM69-4063-RY48	4 Pole 63 Amp (AC21) Red/Yellow Handle	£36.60
DM69-8032-RY48	8 Pole 32 Amp (AC21) Red/Yellow Handle	£60.47

AC Isolator Accessories



Part Number	Description	Price
H69-0001	Red/Yellow Handle 64x64mm	£4.79
H69-0001-B	Black Handle 64x64mm	£4.79
H69-0003	Red/Yellow Handle 48x48mm	£4.79
H69-0004	Black Handle 48x48mm	£4.79
J7049	Door Handle Mounting Tool	£1.51
E69-0001	Extension Shaft 100mm	£1.20
E69-0002	Extension Shaft 200mm	£1.20
E69-0003	Extension Shaft 300mm	£1.20
E69-0004	Extension Shaft 400mm	£2.41
A69-0001	Aux. Contacts 1NO + 1NC	£8.36
A69-0002	Aux. Contacts 2NO	£8.76

IMO STARLINE CATALOGUE 2019

MCBs, RCCBs, RCBOs, Isolating Switches & Accessories

4.5kA MCB C Curve 1 Pole + N



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
B4C1N02A	4.5kA MCB 1 Pole + N 2 Amp	£8.76
B4C1N04A	4.5kA MCB 1 Pole + N 4 Amp	£8.76
B4C1N06A	4.5kA MCB 1 Pole + N 6 Amp	£8.76
B4C1N10A	4.5kA MCB 1 Pole + N 10 Amp	£8.76
B4C1N16A	4.5kA MCB 1 Pole + N 16 Amp	£8.76
B4C1N20A	4.5kA MCB 1 Pole + N 20 Amp	£8.76
B4C1N25A	4.5kA MCB 1 Pole + N 25 Amp	£8.76
B4C1N32A	4.5kA MCB 1 Pole + N 32 Amp	£8.76

6kA MCB B Curve 1 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
BR6B1001A	6kA MCB 1 Pole 1 Amp	£5.45
BR6B1002A	6kA MCB 1 Pole 2 Amp	£5.45
BR6B1004A	6kA MCB 1 Pole 4 Amp	£5.45
BR6B1006A	6kA MCB 1 Pole 6 Amp	£5.45
BR6B1010A	6kA MCB 1 Pole 10 Amp	£5.45
BR6B1016A	6kA MCB 1 Pole 16 Amp	£5.45
BR6B1020A	6kA MCB 1 Pole 20 Amp	£5.45
BR6B1025A	6kA MCB 1 Pole 25 Amp	£5.45
BR6B1032A	6kA MCB 1 Pole 32 Amp	£5.45
BR6B1040A	6kA MCB 1 Pole 40 Amp	£5.45
BR6B1050A	6kA MCB 1 Pole 50 Amp	£5.45
BR6B1063A	6kA MCB 1 Pole 63 Amp	£5.45

6kA MCB C Curve 1 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
BR6C1001A	6kA MCB 1 Pole 1 Amp	£5.45
BR6C1002A	6kA MCB 1 Pole 2 Amp	£5.45
BR6C1004A	6kA MCB 1 Pole 4 Amp	£5.45
BR6C1006A	6kA MCB 1 Pole 6 Amp	£5.45
BR6C1010A	6kA MCB 1 Pole 10 Amp	£5.45
BR6C1016A	6kA MCB 1 Pole 16 Amp	£5.45
BR6C1020A	6kA MCB 1 Pole 20 Amp	£5.45
BR6C1025A	6kA MCB 1 Pole 25 Amp	£5.45
BR6C1032A	6kA MCB 1 Pole 32 Amp	£5.45
BR6C1040A	6kA MCB 1 Pole 40 Amp	£5.45
BR6C1050A	6kA MCB 1 Pole 50 Amp	£5.45
BR6C1063A	6kA MCB 1 Pole 63 Amp	£5.45

6kA MCB C Curve 2 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
BR6C2001A	6kA MCB 2 Pole 1 Amp	£10.91
BR6C2002A	6kA MCB 2 Pole 2 Amp	£10.91
BR6C2004A	6kA MCB 2 Pole 4 Amp	£10.91
BR6C2006A	6kA MCB 2 Pole 6 Amp	£10.91
BR6C2010A	6kA MCB 2 Pole 10 Amp	£10.91
BR6C2016A	6kA MCB 2 Pole 16 Amp	£10.91
BR6C2020A	6kA MCB 2 Pole 20 Amp	£10.91
BR6C2025A	6kA MCB 2 Pole 25 Amp	£10.91
BR6C2032A	6kA MCB 2 Pole 32 Amp	£10.91
BR6C2040A	6kA MCB 2 Pole 40 Amp	£10.91
BR6C2050A	6kA MCB 2 Pole 50 Amp	£10.91
BR6C2063A	6kA MCB 2 Pole 63 Amp	£10.91

6kA MCB C Curve 3 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
BR6C3001A	6kA MCB 3 Pole 1 Amp	£16.36
BR6C3002A	6kA MCB 3 Pole 2 Amp	£16.36
BR6C3004A	6kA MCB 3 Pole 4 Amp	£16.36
BR6C3006A	6kA MCB 3 Pole 6 Amp	£16.36
BR6C3010A	6kA MCB 3 Pole 10 Amp	£16.36
BR6C3016A	6kA MCB 3 Pole 16 Amp	£16.36
BR6C3020A	6kA MCB 3 Pole 20 Amp	£16.36
BR6C3025A	6kA MCB 3 Pole 25 Amp	£16.36
BR6C3032A	6kA MCB 3 Pole 32 Amp	£16.36
BR6C3040A	6kA MCB 3 Pole 40 Amp	£16.36
BR6C3050A	6kA MCB 3 Pole 50 Amp	£16.36
BR6C3063A	6kA MCB 3 Pole 63 Amp	£16.36

10kA MCB C Curve 1 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
B10C1001A	10kA MCB 1 Pole 1 Amp	£6.73
B10C1002A	10kA MCB 1 Pole 2 Amp	£6.73
B10C1004A	10kA MCB 1 Pole 4 Amp	£6.73
B10C1006A	10kA MCB 1 Pole 6 Amp	£6.73
B10C1010A	10kA MCB 1 Pole 10 Amp	£6.73
B10C1016A	10kA MCB 1 Pole 16 Amp	£6.73
B10C1020A	10kA MCB 1 Pole 20 Amp	£6.73
B10C1025A	10kA MCB 1 Pole 25 Amp	£6.73
B10C1032A	10kA MCB 1 Pole 32 Amp	£6.73
B10C1040A	10kA MCB 1 Pole 40 Amp	£6.73
B10C1050A	10kA MCB 1 Pole 50 Amp	£6.73
B10C1063A	10kA MCB 1 Pole 63 Amp	£6.73

10kA MCB C Curve 2 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
B10C2002A	10kA MCB 2 Pole 2 Amp	£14.27
B10C2004A	10kA MCB 2 Pole 4 Amp	£14.27
B10C2006A	10kA MCB 2 Pole 6 Amp	£14.27
B10C2010A	10kA MCB 2 Pole 10 Amp	£14.27
B10C2016A	10kA MCB 2 Pole 16 Amp	£14.27
B10C2020A	10kA MCB 2 Pole 20 Amp	£14.27
B10C2025A	10kA MCB 2 Pole 25 Amp	£14.27
B10C2032A	10kA MCB 2 Pole 32 Amp	£14.27
B10C2040A	10kA MCB 2 Pole 40 Amp	£14.27
B10C2050A	10kA MCB 2 Pole 50 Amp	£14.27
B10C2063A	10kA MCB 2 Pole 63 Amp	£14.27

10kA MCB C Curve 3 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
B10C3002A	10kA MCB 3 Pole 2 Amp	£22.32
B10C3004A	10kA MCB 3 Pole 4 Amp	£22.32
B10C3006A	10kA MCB 3 Pole 6 Amp	£22.32
B10C3010A	10kA MCB 3 Pole 10 Amp	£22.32
B10C3016A	10kA MCB 3 Pole 16 Amp	£22.32
B10C3020A	10kA MCB 3 Pole 20 Amp	£22.32
B10C3025A	10kA MCB 3 Pole 25 Amp	£22.32
B10C3032A	10kA MCB 3 Pole 32 Amp	£22.32
B10C3040A	10kA MCB 3 Pole 40 Amp	£22.32
B10C3050A	10kA MCB 3 Pole 50 Amp	£22.32
B10C3063A	10kA MCB 3 Pole 63 Amp	£22.32



IMO STARLINE CATALOGUE 2019

10kA MCB C Curve 3 Pole + N



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
B10C3N10A-L	10kA MCB 3 Pole + N 10 Amp	£29.34
B10C3N16A-L	10kA MCB 3 Pole + N 16 Amp	£29.34
B10C3N20A-L	10kA MCB 3 Pole + N 20 Amp	£29.34
B10C3N25A-L	10kA MCB 3 Pole + N 25 Amp	£29.34
B10C3N32A-L	10kA MCB 3 Pole + N 32 Amp	£29.34
B10C3N40A-L	10kA MCB 3 Pole + N 40 Amp	£29.34

10kA MCB D Curve 1 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
B10D1002A	10kA MCB 1 Pole 2 Amp	£7.52
B10D1004A	10kA MCB 1 Pole 4 Amp	£7.52
B10D1006A	10kA MCB 1 Pole 6 Amp	£7.52
B10D1010A	10kA MCB 1 Pole 10 Amp	£7.52
B10D1016A	10kA MCB 1 Pole 16 Amp	£7.52
B10D1020A	10kA MCB 1 Pole 20 Amp	£7.52
B10D1025A	10kA MCB 1 Pole 25 Amp	£7.52
B10D1032A	10kA MCB 1 Pole 32 Amp	£7.52
B10D1040A	10kA MCB 1 Pole 40 Amp	£7.52
B10D1050A	10kA MCB 1 Pole 50 Amp	£7.52
B10D1063A	10kA MCB 1 Pole 63 Amp	£7.52

10kA MCB D Curve 2 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
B10D2002A	10kA MCB 2 Pole 2 Amp	£16.56
B10D2004A	10kA MCB 2 Pole 4 Amp	£16.56
B10D2006A	10kA MCB 2 Pole 6 Amp	£16.56
B10D2010A	10kA MCB 2 Pole 10 Amp	£16.56
B10D2016A	10kA MCB 2 Pole 16 Amp	£16.56
B10D2020A	10kA MCB 2 Pole 20 Amp	£16.56
B10D2025A	10kA MCB 2 Pole 25 Amp	£16.56
B10D2032A	10kA MCB 2 Pole 32 Amp	£16.56
B10D2040A	10kA MCB 2 Pole 40 Amp	£16.56
B10D2050A	10kA MCB 2 Pole 50 Amp	£16.56
B10D2063A	10kA MCB 2 Pole 63 Amp	£16.56

10kA MCB D Curve 3 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description	Price
B10D3002A	10kA MCB 3 Pole 2 Amp	£25.84
B10D3004A	10kA MCB 3 Pole 4 Amp	£25.84
B10D3006A	10kA MCB 3 Pole 6 Amp	£25.84
B10D3010A	10kA MCB 3 Pole 10 Amp	£25.84
B10D3016A	10kA MCB 3 Pole 16 Amp	£25.84
B10D3020A	10kA MCB 3 Pole 20 Amp	£25.84
B10D3025A	10kA MCB 3 Pole 25 Amp	£25.84
B10D3032A	10kA MCB 3 Pole 32 Amp	£25.84
B10D3040A	10kA MCB 3 Pole 40 Amp	£25.84
B10D3050A	10kA MCB 3 Pole 50 Amp	£25.84
B10D3063A	10kA MCB 3 Pole 63 Amp	£25.84

Isolating Switches



Manufactured in accordance with
IEC 60947-3



Part Number	Description	Price
BIS1063A	Isolating Switch 1 Pole 63 Amp	£4.54
BIS2063A	Isolating Switch 2 Pole 63 Amp	£10.72
BIS2125A	Isolating Switch 2 Pole 125 Amp	£21.56
BIS3063A	Isolating Switch 3 Pole 63 Amp	£13.64
BIS4063A	Isolating Switch 4 Pole 63 Amp	£21.44
BIS4125A	Isolating Switch 4 Pole 125 Amp	£43.11
BIS2100C	Isolating Switch 2 Pole 100 Amp	£10.72

10kA RCBO AC 30mA Type B



Manufactured in accordance with
IEC 61008-1 & IEC 62423



Part Number	Description	Price
B10R2040-30-B	10kA 30mA RCCB AC 1 Pole+N 40 Amp 415VAC	£439.74
B10R4040-30-B	10kA 30mA RCCB AC 3 Pole+N 40 Amp 415VAC	£494.69

10kA RCBO AC 30mA 3 Pole + N



Manufactured in accordance with IEC 61008-1



Part Number	Description	Price
B10R4025-30	10kA RCCB AC 3 Pole + N 25 Amp	£40.40
B10R4032-30	10kA RCCB AC 3 Pole + N 32 Amp	£40.40
B10R4040-30	10kA RCCB AC 3 Pole + N 40 Amp	£40.40
B10R4063-30	10kA RCCB AC 3 Pole + N 63 Amp	£46.04

10kA RCBO AC 30mA 1 Pole + N



Manufactured in accordance with IEC 61008-1



Part Number	Description	Price
B10R2025-30	10kA RCCB AC 1 Pole + N 25 Amp	£26.91
B10R2032-30	10kA RCCB AC 1 Pole + N 32 Amp	£26.91
B10R2040-30	10kA RCCB AC 1 Pole + N 40 Amp	£26.91
B10R2063-30	10kA RCCB AC 1 Pole + N 63 Amp	£29.51

6kA RCBO A/AC B Curve 1 Pole + N



Manufactured in accordance with IEC 61009



Part Number	Description	Price
B6BR1N06-30	6kA RCBO 30mA 1 Pole + N 6 Amp	£57.85
B6BR1N10-30	6kA RCBO 30mA 1 Pole + N 10 Amp	£57.85
B6BR1N16-30	6kA RCBO 30mA 1 Pole + N 16 Amp	£57.85
B6BR1N20-30	6kA RCBO 30mA 1 Pole + N 20 Amp	£57.85
B6BR1N25-30	6kA RCBO 30mA 1 Pole + N 25 Amp	£57.85
B6BR1N32-30	6kA RCBO 30mA 1 Pole + N 32 Amp	£57.85
B6BR1N40-30	6kA RCBO 30mA 1 Pole + N 40 Amp	£57.85

NOTE: 100/300/500mA residual current available upon request, type A or AC. Please contact IMO.

6kA RCBO A/AC C Curve 1 Pole + N



Manufactured in accordance with IEC 61009



Part Number	Description	Price
B6CR1N06-30-A	6kA RCBO 30mA 1 Pole + N 6 Amp	£67.75
B6CR1N10-30-A	6kA RCBO 30mA 1 Pole + N 10 Amp	£67.75
B6CR1N16-30-A	6kA RCBO 30mA 1 Pole + N 16 Amp	£67.75
B6CR1N20-30-A	6kA RCBO 30mA 1 Pole + N 20 Amp	£67.75
B6CR1N25-30-A	6kA RCBO 30mA 1 Pole + N 25 Amp	£67.75
B6CR1N32-30-A	6kA RCBO 30mA 1 Pole + N 32 Amp	£67.75
B6CR1N40-30-A	6kA RCBO 30mA 1 Pole + N 40 Amp	£67.75

NOTE: 100/300/500mA residual current available upon request, type A or AC. Please contact IMO.

6kA RCBO A/AC D Curve 1 Pole + N



Manufactured in accordance with IEC 61009



Part Number	Description	Price
B6DR1N06-30-A	6kA RCBO 30mA 1 Pole + N 6 Amp	£62.88
B6DR1N10-30-A	6kA RCBO 30mA 1 Pole + N 10 Amp	£62.88
B6DR1N16-30-A	6kA RCBO 30mA 1 Pole + N 16 Amp	£62.88
B6DR1N20-30-A	6kA RCBO 30mA 1 Pole + N 20 Amp	£62.88
B6DR1N25-30-A	6kA RCBO 30mA 1 Pole + N 25 Amp	£62.88
B6DR1N32-30-A	6kA RCBO 30mA 1 Pole + N 32 Amp	£62.88
B6DR1N40-30-A	6kA RCBO 30mA 1 Pole + N 40 Amp	£62.88

NOTE: 100/300/500mA residual current available upon request, type A or AC. Please contact IMO.

MCB Accessories



Part Number	Description	Price
BA1	MCB Terminal Adaptor	£2.77
B10-TERM	MCB Terminal Blanking Cap	£0.75
B10-F3	MCB Aux Contact 1PCO 6A	£6.68
B10S3	MCB Shunt Trip	£12.23
B10-LOCK	MCB Lock Device (Padlock not included)	£6.34
B10BB1F100-1M	MCB Busbar 1P 80 Amp 1m Fork Type	£18.30
B10BB3F100-1M	MCB Busbar 3P 80 Amp 1m Fork Type	£40.98
B10BB1P100-1M	MCB Busbar 1P 80 Amp 1m Pin Type	£18.30
B10BB3P100-1M	MCB Busbar 3P 80 Amp 1m Pin Type	£40.98
B10BBCAP1	End Cap for 1P Busbar	£0.37
B10BBCAP3	End Cap for 3P Busbar	£0.42
BR6-F2	Aux Contact 1NO+1NC	£4.87
BR6-S2	Shunt Trip 400/230/110VAC	£5.62
BR6-U2-02	Under/Over Voltage Trip 170V<230V>280V	£13.49



IMO STARLINE CATALOGUE 2019

Modular Heating & Lighting Contactors

Suitable for control of lamps, heating, air-conditioning & motor control

20A AC1 AC Coil Single Module



Part Number	Description	Price
HC20-02230	2 Pole NC 230V	£21.47
HC20-0224	2 Pole NC 24V	£21.47
HC20-20230	2 Pole NO 230V	£21.47
HC20-2024	2 Pole NO 24V	£21.47
HC20-11230	1 Pole NO + 1 Pole NC 230V	£21.47

25A AC1 AC Coil Double Module



Part Number	Description	Price
HC25-04230	4 Pole NC 230V	£23.85
HC25-0424	4 Pole NC 24V	£23.85
HC25-40230	4 Pole NO 230V	£23.85
HC25-4024	4 Pole NO 24V	£23.85

NOTE: Other variations of NO & NC Poles available. Please contact IMO.

40A AC1 AC Coil Triple Module



Part Number	Description	Price
HC40-04230	4 Pole NC 230V	£60.41
HC40-40230	4 Pole NO 230V	£60.41
HC40-22230	2 Pole NO + 2 Pole NC 230V	£55.35
HC40-20230	2 Pole NO 230V	£33.33

NOTE: Other variations of NO & NC Poles available. Please contact IMO.

63A AC1 AC Coil Triple Module



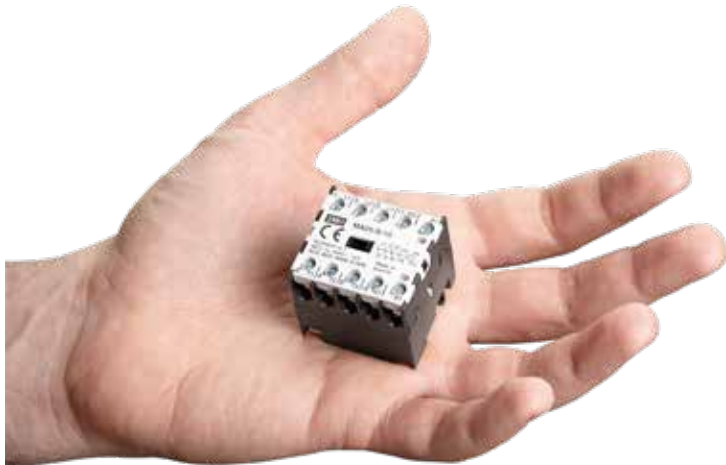
Part Number	Description	Price
HC63-40230	4 Pole NO 230V	£66.79
HC63-20230	2 Pole NO 230V	£44.53

NOTE: Other variations of NO & NC Poles available. Please contact IMO.

IMO manufacture a range of options suitable for use with the Modular Heating & Lighting Contactor series including Auxiliary Contact Blocks, Spacers, RC Unit and Sealing Covers

Micro Contactors

Relay-sized contactor making it the World's Smallest



Probably the smallest contactor in the world

2.2kW 5A AC3 Micro Contactor



TS15 DIN Rail mountable
(for MA-P1039 35mm DIN Rail Adapter see p.20)
Ultra small dimensions



Part Number	Description	Price
MA05-S-01110AC	3 Pole NO 12A AC1 Aux. 1NC 110VAC	£20.98
MA05-S-0124AC	3 Pole NO 12A AC1 Aux. 1NC 24VAC	£20.98
MA05-S-10110AC	3 Pole NO 12A AC1 Aux. 1NO 110VAC	£20.98
MA05-S-10230AC	3 Pole NO 12A AC1 Aux. 1NO 230VAC	£20.98
MA05-S-0124DC	3 Pole NO 12A AC1 Aux. 1NC 24VDC	£28.63
MA05-S-1024DC	3 Pole NO 12A AC1 Aux. 1NO 24VDC	£28.63

NOTE: Other variations available including Reversing Pair & PCB mount. Please contact IMO.

Contactors 4~400kW & Accessories

High reliability contactors, interlocks and thermal overload relays

4kW 9A AC3 Mini Contactor



Screw terminals option
Solder pins option
Fast on tab connection option



Part Number	Description	Price
MB09-F-00230	3 Pole NO Fast On Connection 230VAC	£21.62
MB09-P-10=24	3 Pole NO Aux. 1NO PCB Mount 24VDC	£27.99
MB09-R-S-0124	Reversing Pair 3 Pole NO Aux. 1NC 24VAC	£47.71
MB09-S-0040230	4 Pole NO 230VAC	£27.44
MB09-S-01230	3 Pole NO Aux. 1NC 230VAC*	£21.30
MB09-S-01=24	3 Pole NO Aux. 1NC 24VDC*	£27.99
MB09-S-10110	3 Pole NO Aux. 1NO 110VAC*	£21.30
MB09-S-10230	3 Pole NO Aux. 1NO 230VAC*	£21.30
MB09-S-1024	3 Pole NO Aux. 1NO 24VAC*	£21.30
MB09-S-10400	3 Pole NO Aux. 1NO 400VAC*	£21.30
MB09-S-10=24	3 Pole NO Aux. 1NO 24VDC*	£27.99

* Overload = U12/16E...K1

5.5kW 12A AC3 Mini Contactor



Screw terminals option
Solder pins option
Fast on tab connection option



Part Number	Description	Price
MB12-S-01=24	3 Pole NO Aux. 1NC 24VDC*	£33.89
MB12-S-10110	3 Pole NO Aux. 1NO 110VAC*	£27.76
MB12-S-10230	3 Pole NO Aux. 1NO 230VAC*	£27.76
MB12-S-1024	3 Pole NO Aux. 1NO 24VAC*	£27.76
MB12-S-10=24	3 Pole NO Aux. 1NO 24VDC*	£33.89

* Overload = U12/16E...K1

AC3 DC Operated Contactor



Low power consumption
3W inrush-sealed



Part Number	Description	Price
MCD10-S-00-4024DC	4 Pole NO 4kW 10A 24VDC	£50.61
MCD10-S-10=24	3 Pole NO 4kW 10A Aux. 1NO 24VDC	£46.38
MCD14-S-10=24	3 Pole NO 5.5kW 14A Aux. 1NO 24VDC	£49.19
MCD18-S-10=24	3 Pole NO 7.5kW 18A Aux. 1NO 24VDC	£58.83
MCD22-S-10=24	3 Pole NO 11kW 22A Aux. 1NO 24VDC	£69.69
MCD32-S-00=24	3 Pole NO 15kW 24VDC	£96.44
MCD40-S-00=24	3 Pole NO 18.5kW 24VDC	£114.64

4kW 10A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC10N-S-00-22110AC	Relay Contactor 4 Pole (2NO/2NC) 110VAC	£25.53
MC10N-S-00-2224AC	Relay Contactor 4 Pole (2NO/2NC) 24VAC	£25.53
MC10N-S-00-40110AC	4 Pole NO 110VAC*	£27.82
MC10N-S-00-40230AC	4 Pole NO 230VAC*	£25.53
MC10N-S-00-4024AC	4 Pole NO 24VAC*	£24.40
MC10N-S-0031110AC	3 Pole NO + 1 Pole NC 110VAC*	£27.82
MC10N-S-01110AC	3 Pole NO Aux. 1NC 110VAC*	£21.62
MC10N-S-01230AC	3 Pole NO Aux. 1NC 230VAC*	£21.62
MC10N-S-0124AC	3 Pole NO Aux. 1NC 24VAC*	£21.62
MC10N-S-0124DC	3 Pole NO Aux. 1NC 24VDC*	£30.91
MC10N-S-01400AC	3 Pole NO Aux. 1NC 400VAC*	£21.62
MC10N-S-10110AC	3 Pole NO Aux. 1NO 110VAC*	£21.62
MC10N-S-10230AC	3 Pole NO Aux. 1NO 230VAC*	£21.62
MC10N-S-1024AC	3 Pole NO Aux. 1NO 24VAC*	£21.62
MC10N-S-1024DC	3 Pole NO Aux. 1NO 24VDC*	£30.91
MC10N-S-10400AC	3 Pole NO Aux. 1NO 400VAC*	£21.62

* Overload = MCOR-1... or U12/16E...-MC

5.5kW 14A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC14N-S-00-4024AC	4 Pole NO 24VAC*	£33.64
MC14N-S-01110AC	3 Pole NO Aux. 1NC 110VAC*	£26.57
MC14N-S-01230AC	3 Pole NO Aux. 1NC 230VAC*	£26.57
MC14N-S-0124AC	3 Pole NO Aux. 1NC 24VAC*	£26.57
MC14N-S-0124DC	3 Pole NO Aux. 1NC 24VDC*	£37.70
MC14N-S-10110AC	3 Pole NO Aux. 1NO 110VAC*	£26.57
MC14N-S-10230AC	3 Pole NO Aux. 1NO 230VAC*	£26.57
MC14N-S-1024AC	3 Pole NO Aux. 1NO 24VAC*	£26.57
MC14N-S-1024DC	3 Pole NO Aux. 1NO 24VDC*	£37.70
MC14N-S-10400AC	3 Pole NO Aux. 1NO 400VAC*	£26.57

* Overload = MCOR-1... or U12/16E...-MC



IMO STARLINE CATALOGUE 2019

7.5kW 18A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC18N-S-00-40110AC	4 Pole NO 110VAC*	£39.43
MC18N-S-00-40230AC	4 Pole NO 230VAC*	£39.43
MC18N-S-00-4024AC	4 Pole NO 24VAC*	£39.43
MC18N-S-01110AC	3 Pole NO Aux. 1NC 110VAC*	£31.14
MC18N-S-01230AC	3 Pole NO Aux. 1NC 230VAC*	£31.14
MC18N-S-0124AC	3 Pole NO Aux. 1NC 24VAC*	£31.14
MC18N-S-0124DC	3 Pole NO Aux. 1NC 24VDC*	£42.62
MC18N-S-01400AC	3 Pole NO Aux. 1NC 400VAC*	£31.14
MC18N-S-10110AC	3 Pole NO Aux. 1NO 110VAC*	£31.14
MC18N-S-10230AC	3 Pole NO Aux. 1NO 230VAC*	£31.14
MC18N-S-1024AC	3 Pole NO Aux. 1NO 24VAC*	£31.14
MC18N-S-1024DC	3 Pole NO Aux. 1NC 24VDC*	£42.62
MC18N-S-10400AC	3 Pole NO Aux. 1NO 400VAC*	£31.14
MC10N-S-1024AC	3 Pole NO Aux. 1NO 24VAC*	£21.62
MC10N-S-1024DC	3 Pole NO Aux. 1NO 24VDC*	£30.91
MC10N-S-10400AC	3 Pole NO Aux. 1NO 400VAC*	£21.62

* Overload = MCOR-1... or U12/16E...-MC

15kW 32A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC32-S-00110	3 Pole NO 110VAC*	£67.16
MC32-S-00230	3 Pole NO 230VAC*	£67.16
MC32-S-0024	3 Pole NO 24VAC*	£67.16
MC32-S-00400	3 Pole NO 400VAC*	£64.21
MC32-S-00=24	3 Pole NO 24VDC*	£70.75

* Overload = MCOR-1... or MCOR-2...

11kW 22A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC22N-S-00-40230AC	4 Pole NO 230VAC*	£64.51
MC22N-S-01230AC	3 Pole NO Aux. 1NC 230VAC*	£39.61
MC22N-S-10110AC	3 Pole NO Aux. 1NO 110VAC*	£39.61
MC22N-S-10230AC	3 Pole NO Aux. 1NO 230VAC*	£39.61
MC22N-S-1024AC	3 Pole NO Aux. 1NO 24VAC*	£39.61
MC22N-S-1024DC	3 Pole NO Aux. 1NO 24VDC*	£49.50
MC22N-S-10400AC	3 Pole NO Aux. 1NO 400VAC*	£39.61

* Overload = MCOR-1... or U12/16E...-MC

11kW 24A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC24-S-00110	3 Pole NO 110VAC*	£45.37
MC24-S-00230	3 Pole NO 230VAC*	£45.37
MC24-S-0024	3 Pole NO 24VAC*	£45.37
MC24-S-00400	3 Pole NO 400VAC*	£45.37
MC24-S-00=24	3 Pole NO 24VDC*	£54.51

* Overload = MCOR-1... or MCOR-2...

18.5kW 40A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC40-S-00110	3 Pole NO 110VAC*	£77.86
MC40-S-00230	3 Pole NO 230VAC*	£77.86
MC40-S-0024	3 Pole NO 24VAC*	£77.86
MC40-S-00400	3 Pole NO 400VAC*	£77.86
MC40-S-00=24	3 Pole NO 24VDC*	£85.26

* Overload = MCOR-2...

22kW 50A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC50-S-00110	3 Pole NO 110VAC*	£104.15
MC50-S-00230	3 Pole NO 230VAC*	£104.15
MC50-S-0024	3 Pole NO 24VAC*	£104.15
MC50-S-00=24	3 Pole NO 24VDC*	£110.96

* Overload = MCOR-3...

30kW 62A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC62-S-00110	3 Pole NO 110VAC*	£129.04
MC62-S-00230	3 Pole NO 230VAC*	£129.04
MC62-S-0024	3 Pole NO 24VAC*	£129.04
MC62-S-00400	3 Pole NO 400VAC*	£123.37
MC62-S-00=24	3 Pole NO 24VDC*	£135.10

* Overload = MCOR-3...

37kW 74A AC3 Contactor



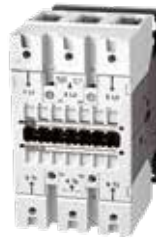
Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC74-S-00110	3 Pole NO 110VAC*	£177.07
MC74-S-00230	3 Pole NO 230VAC*	£177.07
MC74-S-00400	3 Pole NO 400VAC*	£169.28

* Overload = MCOR-3...

45kW 90A AC3 Contactor



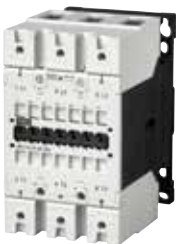
Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC90-S-00110	3 Pole NO 110-120V 50/60Hz 110VAC*	£204.49
MC90-S-00230	3 Pole NO 220-240V 50/60Hz 220VDC*	£204.49

* Overload = MCOR-4...

55kW 115A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description	Price
MC115-S-00110	3 Pole NO 110-120V 50/60Hz 100VDC*	£239.47
MC115-S-00230	3 Pole NO 220-240V 50/60Hz 220VDC*	£239.47

* Overload = MCOR-4...

Capacitor Switching Contactor



For reactive or non-reactive
capacitor banks



Part Number	Description	Price
MC18N-K-10400AC	12.5kVar 1NO Aux. 400VAC	£56.52
MC32-K-00110	25kVar 110VAC	£94.05
MC32-K-00230	25kVar 230VAC	£94.05
MC32-K-00400	25kVar 400VAC	£94.05
MC50-K-00400	33.3kVar 400VAC	£124.80
MC62-K-00110	50kVar 110VAC	£166.91
MC62-K-00230	50kVar 230VAC	£166.91
MC62-K-00400	50kVar 400VAC	£166.91
MC74-K-00230	75kVar 230VAC	£205.18
MC74-K-00400	75kVar 400VAC	£214.62
MC115-K-00230	100kVar 230VAC 50/60Hz	£268.68

IMO STARLINE CATALOGUE 2019

Contact Blocks, Interlocks, Coils & Thermal Overload Relays Auxiliary components & accessories to complement IMO contactors

Contact Blocks & Interlocks



Part Number	Description	Price
MBA-11	Aux. Contact Block for MB Contactors 1NO/1NC	£7.13
MBA-22	Aux. Contact Block for MB09 / 12... 2NO/2NC	£12.73
MCA01	Aux. Contact Block for MC10 to 115 1NC Top Mount	£3.68
MCA01U	Aux. Contact Block for MC10 to 115 1NC Late Break	£4.41
MCA10	Aux. Contact Block for MC10 to 115 1NO Top Mount	£3.68
MCA10U	Aux. Contact Block for MC10 to 115 1NO Late Break	£4.41
MCAA11	Aux. Contact Block for MC151 to 316 1NO/1NC Side	£20.83
MCAH01	High Switching Capacity 25A AC1 1NC Top Mount	£3.68
MCAH10	High Switching Capacity 25A AC1 1NO Top Mount	£3.68
MCAS-11	Aux. Contact Block for MC24 to 115 1NO/1NC Side	£9.23
MC-I-W	Interlock for MC(D)10 to MC(D)40 Contactors	£3.43
MC-I-X	Interlock for MC50 to MC74 Contactors	£7.32
MC-I-Y	Interlock for MC90 & MC115 Contactor	£6.93

MC10 to MC22 Contactor Coils



Part Number	Description	Price
K10N/4.110	Coil 110-115V 50/60Hz	£11.45
K10N/4.230	Coil 220-240V 50Hz / 230-264V 60Hz	£11.45
K10N/4.24	Coil 24V 50/60Hz	£11.45
K10N/4.400	Coil 380-415V 50Hz / 400-440V 60Hz	£11.45

Contactors Accessories



Part Number	Description	Price
MA-P1039	MA Snap-on Adaptor for 35mm DIN Rail	£1.71
MCNW-VB10	Reversing Starter Connector for MCN10/18	£8.32
MCY-C-40	Star Delta Load Circuit Connection Links MC24-40	£11.76
U12SM-MC	DIN Rail Mounting Kit for U12/16E...-MC Overloads	£9.00
U3/32SM	Overload Terminal Set for MCOR-1... Overloads	£6.53
U3/42G	DIN Mounting Bracket for MCOR-2	£7.31
Y9A415	Timer for Star-Delta Starters 1-20s 110-415VAC	£63.16
Y9A60	Timer for Star-Delta Starters 1-20s 24-60VAC	£63.16

Thermal Overload Relays



Part Number	Description	Price
U12/16E0.9-MC	Man.Reset for MC10 to MC22 0.6-0.9Amps	£26.71
U12/16E1.2-MC	Man.Reset for MC10 to MC22 0.8-1.2Amps	£26.71
U12/16E1.8-MC	Man.Reset for MC10 to MC22 1.2-1.8Amps	£26.71
U12/16E2.7-MC	Man.Reset for MC10 to MC22 1.8-2.7Amps	£26.71
U12/16E4-MC	Man.Reset for MC10 to MC22 2.7-4Amps	£26.71
U12/16E6-MC	Man.Reset for MC10 to MC22 4-6Amps	£26.71
U12/16E9-MC	Man.Reset for MC10 to MC22 6-9Amps	£30.05
U12/16E11-MC	Man.Reset for MC10 to MC22 8-11Amps	£30.05
U12/16E14-MC	Man.Reset for MC10 to MC22 10-14Amps	£30.05
U12/16E18-MC	Man.Reset for MC10 to MC22 13-18Amps	£33.07
U12/16E23-MC	Man.Reset for MC10 to MC22 17-23Amps	£35.01
U12/16E30-MC	Man.Reset for MC10 to MC22 22-30Amps	£55.02
MCOR-1-0.18	Overload for MC10 to MC22 0.12-0.18Amps	£29.38
MCOR-1-0.27	Overload for MC10 to MC22 0.18-0.27Amps	£29.38
MCOR-1-0.4	Overload for MC10 to MC22 0.27-0.4Amps	£29.38
MCOR-1-0.6	Overload for MC10 to MC22 0.4-0.6Amps	£29.38
MCOR-1-0.9	Overload for MC10 to MC22 0.6-0.9Amps	£29.38
MCOR-1-1.2	Overload for MC10 to MC22 0.8-1.2Amps	£29.38
MCOR-1-1.8	Overload for MC10 to MC22 1.2-1.8Amps	£29.38
MCOR-1-2.7	Overload for MC10 to MC22 1.8-2.7Amps	£29.38
MCOR-1-4	Overload for MC10 to MC22 2.7-4Amps	£29.38
MCOR-1-6	Overload for MC10 to MC22 4-6Amps	£29.38
MCOR-1-9	Overload for MC10 to MC22 6-9Amps	£33.06
MCOR-1-11	Overload for MC10 to MC22 8-11Amps	£33.06
MCOR-1-14	Overload for MC10 to MC22 10-14Amps	£33.06
MCOR-1-18	Overload for MC10 to MC22 13-18Amps	£36.38
MCOR-1-24	Overload for MC10 to MC22 17-24Amps	£38.49
MCOR-1-32	Overload for MC10 to MC22 23-32Amps	£60.53
MCOR-2-14	Overload for MC24 to MC40 10-14Amps	£66.76
MCOR-2-20	Overload for MC24 to MC40 14-20Amps	£66.76
MCOR-2-28	Overload for MC24 to MC40 20-28Amps	£66.76
MCOR-2-42	Overload for MC24 to MC40 28-42Amps	£66.76
MCOR-3-28	Overload for MC50 to MC74 20-28Amps	£107.99
MCOR-3-42	Overload for MC50 to MC74 28-42Amps	£107.99
MCOR-3-52	Overload for MC50 to MC74 40-52Amps	£107.99
MCOR-3-65	Overload for MC50 to MC74 52-65Amps	£107.99
MCOR-3-74	Overload for MC50 to MC74 60-74Amps	£107.99
MCOR-4-120	Overload for MC90 to MC115 80-120Amps	£140.81

Motor Circuit Breakers C4 & Accessories

C4/32R with Rotary Switch



Manufactured in accordance with
IEC 60947-1,
IEC 60947-2 &
IEC 60947-4-1



Part Number	Description	Price
C4/32R-0,16	Setting Range 0.1-0.16A IRC* 2.1A	£48.97
C4/32R-0,25	Setting Range 0.16-0.25A IRC* 3.3A	£48.97
C4/32R-0,4	Setting Range 0.25-0.4A IRC* 5.2A	£48.97
C4/32R-0,63	Setting Range 0.4-0.63A IRC* 8.2A	£48.97
C4/32R-1	Setting Range 0.63-1.0A IRC* 13A	£48.97
C4/32R-1,6	Setting Range 1.0-1.6A IRC* 20.8A	£48.97
C4/32R-2,5	Setting Range 1.6-2.5A IRC* 32.5A	£50.36
C4/32R-4	Setting Range 2.5-4.0A IRC* 52A	£50.36
C4/32R-6	Setting Range 4.0-6.0A IRC* 78A	£50.36
C4/32R-8	Setting Range 5.0-8.0A IRC* 104A	£50.36
C4/32R-10	Setting Range 6.0-10.0A IRC* 130A	£56.01
C4/32R-13	Setting Range 9.0-13.0A IRC* 169A	£56.01
C4/32R-17	Setting Range 11.0-17.0A IRC* 221A	£56.01
C4/32R-22	Setting Range 14.0-22.0A IRC* 286A	£62.16
C4/32R-26	Setting Range 18.0-26.0A IRC* 338A	£70.49
C4/32R-32	Setting Range 22.0-32.0A IRC* 416A	£70.49

*IRC = Instantaneous Release Current

C4/32T with Toggle Switch



Manufactured in accordance with
IEC 60947-1,
IEC 60947-2 &
IEC 60947-4-1



Part Number	Description	Price
C4/32R-0,63	Setting Range 0.16-0.25A IRC* 3.3A	£48.97
C4/32T-0,63	Setting Range 0.4-0.63A IRC* 8.2A	£39.50
C4/32T-1	Setting Range 0.63-1.0A IRC* 13A	£42.25
C4/32R-1,6	Setting Range 1.0-1.6A IRC* 20.8A	£48.97
C4/32R-2,5	Setting Range 1.6-2.5A IRC* 32.5A	£50.36
C4/32T-4	Setting Range 2.5-4.0A IRC* 52A	£46.94
C4/32T-6	Setting Range 4.0-6.0A IRC* 78A	£46.94
C4/32T-8	Setting Range 5.0-8.0A IRC* 104A	£46.94
C4/32T-10	Setting Range 6.0-10.0A IRC* 130A	£52.46
C4/32T-13	Setting Range 9.0-13.0A IRC* 169A	£52.46
C4/32T-17	Setting Range 11.0-17.0A IRC* 221A	£52.46
C4/32T-22	Setting Range 14.0-22.0A IRC* 286A	£52.46
C4/32T-26	Setting Range 18.0-26.0A IRC* 338A	£52.46
C4/32T-32	Setting Range 22.0-32.0A IRC* 416A	£50.16

*IRC = Instantaneous Release Current

C4/63R & 100R with Rotary Switch



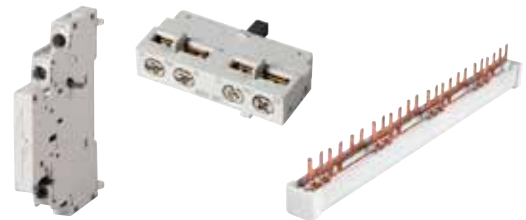
Manufactured in accordance with
IEC 60947-1,
IEC 60947-2 &
IEC 60947-4-1



Part Number	Description	Price
C4/63R-40	Setting Range 28.0-40.0A IRC* 520A	£128.72
C4/63R-50	Setting Range 34.0-50.0A IRC* 650A	£128.72
C4/63R-63	Setting Range 45.0-63.0A IRC* 819A	£128.72
C4/100R-63	Setting Range 45.0-63.0A IRC* 819A	£171.62
C4/100R-75	Setting Range 55.0-75.0A IRC* 975A	£188.57
C4/100R-90	Setting Range 70.0-90.0A IRC* 1170A	£202.14
C4/100R-100	Setting Range 80.0-100.0A IRC* 1300A	£223.59

*IRC = Instantaneous Release Current

Motor Circuit Breaker Accessories



Part Number	Description	Price
C432S2	3 Phase Busbar Fork Type 63A 2 Way	£7.35
C432S3	3 Phase Busbar Fork Type 63A 3 Way	£8.92
C432S4	3 Phase Busbar Fork Type 63A 4 Way	£10.03
C432S5	3 Phase Busbar Fork Type 63A 5 Way	£11.30
C432VK3	Link Module Connect to MC10 Contactor	£5.51
C4HS11	Aux Contact Black Side Mount	£7.57



IMO STARLINE CATALOGUE 2019

Unshrouded & Shrouded Foot Switches & Accessories Including Joining Kits, Carrying Rods & Stabilizing Plates

UFS Unshrouded Foot Switches



3xPG13.5 Gland Entries
with all models



Part Number	Description	Price
UFSBK0720	With Pedal Lock 2NC Slow Action GRP	£35.07
UFSBL0101	Without Safety Lever NO+NC Snap Action Black Cover GRP	£34.90
UFSBL1101	Without Safety Lever NO+NC Snap Action Black Cover Gold Plated contacts GRP	£38.48
UFSRE0101	Without Safety Lever NO+NC Snap Action Red Cover GRP	£34.49
UFSRE0321	With Pedal Actuator Lock NO+NC Slow Action BBM Red Cover GRP	£30.49
UFSRE0701	Without Safety Lever 2NC Slow Action Red Cover	£34.49

SFS Shrouded Foot Switches

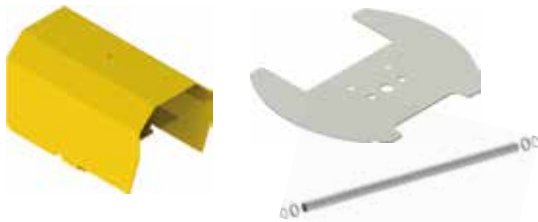


3xPG13.5 Gland Entries
with all models
M20 Option



Part Number	Description	Price
SFSYE0101	Switch without Safety Lever NO+NC Snap Action GRP IP65	£41.32
SFSYE0110-B	Switch with Safety Lever NO+NC Snap Action GRP VFKIT31 Hole	£41.22
SFSYE0111	Switch with Safety Lever NO+NC Snap Action GRP IP65	£41.73
SFSYE0111-B	Switch with Safety Lever NO+NC Snap Action GRP VFKIT31 Hole IP65	£43.89
SFSYE0121	Switch with Safety Lever NO+NC Snap Action GRP IP65	£44.30
SFSYE0311	Switch without Safety Lever NO+NC Slow Action GRP IP65	£40.95
SFSYE1411-S1	Switch with Safety Lever 2NO Snap Action GRP IP65	£50.45
SFSYE2041	Switch with Safety Lever Two Stage 2x(NO+NC) Snap Action GRP IP65	£46.73

Accessories



Part Number	Description	Price
AC-KIT20	Kit for Joining 2 Foot Switches	£5.76
AC-KIT22	600mm Carrying Rod (use with AC-KIT20)	£7.53
AC-KIT29	740mm Aluminium Rod (use with AC-KIT33)	£25.12
AC-KIT30	Kit for Joining 2 Foot Switches (use with AC-K1129)	£6.82
AC-KIT31	660mm Carrying Rod (use with AC-KIT32/33)	£33.12
AC-KIT32	Emergency Stop Station (use with AC-KIT29/31)	£29.37
AC-KIT33	Emergency Stop Station (use with AC-KIT29)	£30.78
AC-KIT40	400mm Double Carrying Rod (use with 3 Foot Switches joined by 2x AC-KIT20)	£12.26
AC-KIT50	Metal Handle Kit (use with AC-KIT29/31)	£13.51
AC-KIT60	Stabilizing Plate	£15.80
AC-KIT61	Stabilizing Plate for 2x Joined Foot Switches	£26.18
AC-KIT71	Metal Shroud	£31.43

Contact Blocks



Glass Reinforced Polymer
Self-Extinguishing Shock Proof
Thermoplastic Housing to be used with
UFS & SFS Foot Switches



Part Number	Description	Price
AC-C501	1NO+1NC Snap Action	£9.92
AC-C501G	1NO+1NC Snap Action (Gold Plated Contact)	£15.56
AC-C601	1NO+1NC Slow Action	£8.22
AC-C1001	2NO Slow Action	£9.49
AC-C1501	2NO Slow Action Shifted	£10.17

Cam Switches & Accessories

Off-On, Step, Changeover with Off, Changeover without Off Switches

OFF-ON Cam Switch 20A



Manufactured in accordance with IEC 60947-3
IP65 Rated
*Escutcheon Frame & Handle Not Included but available separately as accessories
Image for illustrative purposes only*



Part Number	Description	Price
CS20A-A1	1 Pole 2 Position with Legend Plate	£5.58
CS20A-A2	2 Pole 2 Position with Legend Plate	£6.87
CS20A-A4	4 Pole 2 Position with Legend Plate	£9.51
CS20A-A8	8 Pole 2 Position with Legend Plate	£18.55

Changeover Switch with OFF 20A



Manufactured in accordance with IEC 60947-3
IP65 Rated
*Escutcheon Frame & Handle Not Included but available separately as accessories
Image for illustrative purposes only*



Part Number	Description	Price
CS20A-U1	1 Pole 3 Position with Legend Plate	£6.87
CS20A-U2	2 Pole 3 Position with Legend Plate	£9.51
CS20A-U3	3 Pole 3 Position with Legend Plate	£14.12
CS20A-U4	4 Pole 3 Position with Legend Plate	£18.55
CS20A-U6	6 Pole 3 Position with Legend Plate	£27.26

Step Cam Switch 20A



Manufactured in accordance with IEC 60947-3
IP65 Rated
*Escutcheon Frame & Handle Not Included but available separately as accessories
Image for illustrative purposes only*



Part Number	Description	Price
CS20A-ST31	1 Pole 3 Position with Legend Plate	£8.48
CS20A-ST33	3 Pole 3 Position with Legend Plate	£23.90
CS20A-ST42	2 Pole 4 Position with Legend Plate	£18.55
CS20A-ST45	5 Pole 4 Position with Legend Plate	£87.69
CS20A-ST51	1 Pole 5 Position with Legend Plate	£11.53
CS20A-ST52	2 Pole 5 Position with Legend Plate	£23.88
CS20A-ST61	1 Pole 6 Position with Legend Plate	£13.50

Changeover Switch without OFF 20A



Manufactured in accordance with IEC 60947-3
IP65 Rated
*Escutcheon Frame & Handle Not Included but available separately as accessories
Image for illustrative purposes only*



Part Number	Description	Price
CS20A-W2	2 Pole 2 Position with Legend Plate	£9.51
CS20A-W3	3 Pole 2 Position with Legend Plate	£14.12
CS20A-W4	4 Pole 2 Position with Legend Plate	£18.55
CS20A-W8	8 Pole 2 Position with Legend Plate	£35.23

Cam Switch Accessories



Part Number	Description	Price
RBK2	Cam Switch Handle Round Bezel Key	£14.80
RB2	Cam Switch Handle Toggle Round Bezel	£4.94
SPK2	Cam Switch Handle Escutcheon Plate Key	£17.58
SP2	Cam Switch Handle Toggle Escutcheon Plate	£7.44



IMO STARLINE CATALOGUE 2019

DIN Rail Terminals & Accessories

Including End Brackets, Cross Connections, Markers, DIN Rail & Busbars

Screw Clamp Terminals



Available Colours (Beige as standard)



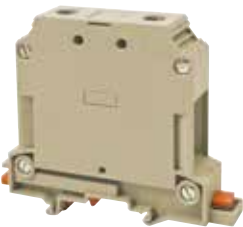
Part Number	Description	Price/100
ER2.5	2.5mm ² 750V 24 Amp (Pack size 100pcs)	£57.75
ER4	4mm ² 750V 32 Amp (Pack size 100pcs)	£59.76
ER6	6mm ² 630V 41 Amp (Pack size 100pcs)	£79.98
ER10	10mm ² 630V 57 Amp (Pack size 100pcs)	£91.59
ER16	16mm ² 750V 76 Amp (Pack size 50pcs)	£137.43
ER16P	16mm ² 750V 76 Amp (Pack size 50pcs)	£146.03
ER25P	25mm ² 750V 101 Amp (Pack size 50pcs)	£185.02
ER35P	35mm ² 750V 125 Amp (Pack size 50pcs)	£268.89

NOTE: When ordering, please specify the colour required. i.e. ER2.5BLUE.
ER16P, ER25P & ER35P can be used on either standard DIN Rail or G-Rail.



G-Rail profile

Screw Clamp High-Insulation Terminals



Available Colours (Beige as standard)



Part Number	Description	Price/100
ER50	50mm ² 1000V 150 Amp (Pack size 25pcs)	£479.32
ER70	70mm ² 1000V 192 Amp (Pack size 10pcs)	£589.79
ER95	95mm ² 1000V 232 Amp (Pack size 6pcs)	£1608.10
ER150	150mm ² 1000V 309 Amp (Pack size 4pcs)	£2305.52
ER240	240mm ² 1000V 415 Amp (Pack size 4pcs)	£4224.09



High Insulation Terminals for PV Applications also available
New DIN Rail Terminal brochure available at www.imopc.com

Screw Clamp Earth Terminals



Green/Yellow Only



Part Number	Description	Price/100
ERPE2.5P	2.5mm ² (Pack size 50pcs)	£167.42
ERPE2.5/4	4mm ² (Pack size 50pcs)	£183.25
ERPE6/10	6mm ² (Pack size 25pcs)	£243.00
ERPE16P	16mm ² (Pack size 25pcs)	£349.17
ERPE35P	35mm ² (Pack size 1pc)	£378.44

Screw Clamp High-Current Terminals



Available Colours (Beige as standard)



Part Number	Description	Price/100
ERB95	95mm ² 1000V 232 Amp (Pack size 4pcs)	£1664.19
ERB150	150mm ² 1000V 309 Amp (Pack size 4pcs)	£2459.14
ERB240	240mm ² 1000V 415 Amp (Pack size 4pcs)	£3154.53

NOTE: All DIN Rail Terminals listed are supplied in pack sizes of 100 pieces

Screw Clamp High-Current Accessories

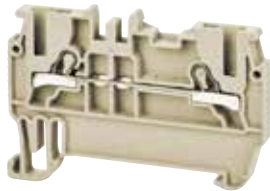


Part Number	Description	Price/100
IC95	Isolation Cover for ERB95 (Pack of 4)	£565.92
IC150	Isolation Cover for ERB150 (Pack of 4)	£570.94
IC240	Isolation Cover for ERB240 (Pack of 4)	£727.60
CCB95/2*	Cross Connector for ERB95 2-Way (Pack of 5)	£903.60
CCB150/2*	Cross Connector for ERB150 2-Way (Pack of 5)	£1650.85
CCB240/2*	Cross Connector for ERB240 2-Way (Pack of 5)	£2276.42

* Available in 2-Way, 3-Way and 4-Way e.g. CCB95/4

For a complete range of DIN Rail Terminal accessories, including Busbars, Terminal Strips and Clamping Yokes, refer to www.imopc.com or contact IMO for more information and pricing.

Push Fit Terminals



Available Colours (Beige as standard)



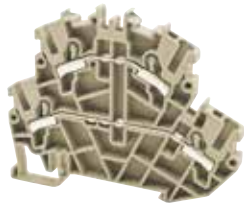
Part Number	Description	Price/100
PF1.5	1.5mm ² 800V 17.5 Amp (Pack size 100pcs)	£47.10
PF2.5	2.5mm ² 800V 24 Amp (Pack size 100pcs)	£60.96
PF4	4mm ² 800V 32 Amp (Pack size 100pcs)	£67.53
PF6	6mm ² 800V 41 Amp (Pack size 100pcs)	£115.91
PF10	10mm ² 800V 57 Amp (Pack size 50pcs)	£162.92

NOTE: When ordering, please specify the colour required. i.e. PF2.5BLUE



PUSH FIT: On average, the IMO Push Fit terminal offers up to 75% saving on wiring time when compared to a screw clamp connection.

Double Deck Push Fit Terminals



Available Colours (Beige as standard)



Part Number	Description	Price/100
PFD2.5	2.5mm ² 500V 24 Amp (Pack size 40pcs)	£157.76
PFD2.5V	2.5mm ² 500V 24 Amp (Pack size 40pcs)	£263.24
PFD2.5LD-24VDC	2.5mm ² 24VDC 24 Amp (Pack size 40pcs)	£557.94
PFD2.5LD-220VAC	2.5mm ² 220V 24 Amp (Pack size 40pcs)	£557.94
PFD2.5D	2.5mm ² 500V 24 Amp (Pack size 40pcs)	£549.98

Push Fit Earth Terminals



Green/Yellow Only



Part Number	Description	Price/100
PFPE1.5P	1.5mm ² (Pack size 80pcs)	£170.03
PFPE2.5P	2.5mm ² (Pack size 50pcs)	£184.16
PFPE4P	4mm ² (Pack size 50pcs)	£193.09
PFPE6P	6mm ² (Pack size 60pcs)	£267.30
PFPE10P	10mm ² (Pack size 25pcs)	£322.35

Fuse Push Fit Terminals



Available Colours (Beige as standard)



Part Number	Description	Price/100
PFF4LD520-24VDC	4mm ² 24VDC 10 Amp (Pack size 15pcs)	£455.99
PFF4LD520-220VAC	4mm ² 220V 10 Amp (Pack size 15pcs)	£455.99
PFF4LD525-24VDC	4mm ² 24VDC 10 Amp (Pack size 15pcs)	£455.99
PFF4LD525-220VAC	4mm ² 220V 10 Amp (Pack size 15pcs)	£455.99
PFF3	4mm ² 500V 10 Amp (Pack size 15pcs)	£368.13
PFF3LD-24VDC	4mm ² 24VDC 10 Amp (Pack size 15pcs)	£405.03
PFF3LD-220VAC	4mm ² 220V 10 Amp (Pack size 15pcs)	£405.03

Cross Connections



Available in 2, 3, 4 & 10 Configurations
Sold in Pack of 5 Pieces



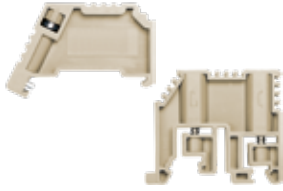
Part Number	Description	Price/100
CC2.5/10*	For Use With ER2.5	£210.78
CC4/10*	For Use With ER4	£268.80
CC6/10*	For Use With ER6	£385.62
CC10/10*	For Use With ER10	£385.62
CC16/10*	For Use With ER16, ER16P & ER25	£356.03
CC35/10*	For Use With ER35	£300.70
CCS1.5/10*	For Use With PF1.5	£302.36
CCS2.5/10*	For Use With PF2.5	£341.54
CCS4/10*	For Use With PF4	£379.06
CCS6/10*	For Use With PF6	£409.27
CCS10/10*	For Use With PF10	£668.22

* Available in 2, 3, 4 & 10 configurations

NOTE: Prices quoted are based on 10 configuration and can be broken down into virtually any configuration.

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End Brackets

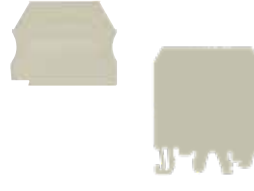


Supplied in Beige As Standard
(Other Colours Available)
Sold in Pack of 100 Pieces
(ES6 Sold in Pack of 50 Pieces)



Part Number	Description	Price/100
ES1	Screw Type for MR35 Rail (Beige)	£31.29
ES3	Screw Type for MR32 & MR35 Rail (Beige)	£42.18
ES4	Screwless Type for MR35 Rail (Beige)	£54.51
ES6	Screw Type for MR35 Rail (Beige)	£91.65

End Brackets



Supplied in Beige As Standard
(Other Colours Available)
Sold in Pack of 100 Pieces
(EP50 Sold in Pack of 10 Pieces)



Part Number	Description	Price/100
EP2.5-10	Polyamide 66 For Use With ER2.5 - ER10	£25.80
EP16	Polyamide 66 For Use With ER16	£35.27
EP25P	Polyamide 66 For Use With ER25P	£40.84
EP50	Polyamide 66 For Use With ER50 - ER240	£43.58

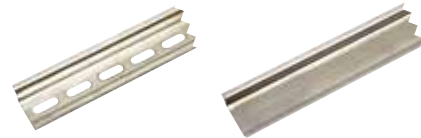
Warning Labels & Group Marking



Sold in Pack of 25 Pieces
(GMBEIGE Sold in Pack of 50 Pieces)

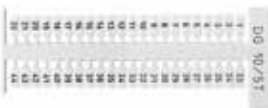
Part Number	Description	Price/100
WL1	Warning Label With Symbol (Yellow)	£28.05
WL2	Warning Label Without Symbol (Yellow)	£28.05
WL3	Warning Label With Symbol (White)	£36.28
GMBEIGE	Tag Carrier For ER Range 1xWhite Label	£26.21
GM2	Tag Carrier For ER Range 4xMT5 Markers	£39.13

DIN Rail



Part Number	Description	Price/100
DINRAIL1M-UNSLLOT	1m Unslotted Electrolytic Zinc Coated	£1.99
DINRAIL1M-SLOT	1m Slotted Electrolytic Zinc Coated	£2.11
DINRAIL2M-UNSLLOT	2m Unslotted Electrolytic Zinc Coated	£3.31
DINRAIL1MG-SLOT	1m Slotted Galvanized	£2.11
DINRAIL2MG-SLOT	2m Slotted Galvanized	£3.42

MT5 Marking Tags



MT5 markers can be used with
the whole DIN Terminal range.
Sold in Pack of 500 Pieces

Part Number	Description	Price/100
MT5	Unprinted Tags 5x5mm	£2.11
MT5-1-50	Pre-Printed Tags 1-50 5x5mm	£2.58
MT5-51-100	Pre-Printed Tags 51-100 5x5mm	£2.58

For all DIN Rail Terminal marking options and solutions including our Thermal Marker Printer, please visit www.imopc.com.

For the complete range of
DIN Rail Terminals,
go to www.imopc.com
and download the catalogue



Industrial & Slimline Plug-In Power Relays

HY High Capacity Relays 1PNO



Solder Lug or Push On
1 Pole Normally Open



Part Number	Description	Price
HY1A112DC	30 Amps 12VDC Coil Resistance 75Ω	£7.76
HY1A124AC	30 Amps 24VAC Coil Resistance 300Ω	£7.76
HY1A124DC	30 Amps 24VDC Coil Resistance 300Ω	£7.76
HY1A1230AC	30 Amps 230VAC Coil Resistance 20800Ω	£9.60

HY High Capacity Relays 2PNO



Solder Lug or Push On
2 Pole Normally Open



Part Number	Description	Price
HY2A112DC	25 Amps 12VDC Coil Resistance 75Ω	£9.72
HY2A124DC	25 Amps 24VDC Coil Resistance 300Ω	£9.72
HY2A1230AC	25 Amps 230VAC Coil Resistance 20800Ω	£11.11

QYE Relays 2PCO



Plug-In or PCB Mount
2 Pole Changeover



Part Number	Description	Price
QYE21XN120AC	10 Amps 120VAC up to 1.8VA LED Plug-In	£6.45
QYE21XN12AC	10 Amps 12VDC up to 1.8VA LED Plug-In	£6.45
QYE21XN12DC	10 Amps 12VDC up to 1.1W LED Plug-In	£6.45
QYE21XN240AC	10 Amps 240VAC up to 1.8VA LED Plug-In	£7.58
QYE21XN24AC	10 Amps 24VAC up to 1.8VA LED Plug-In	£6.16
QYE21XN24DC	10 Amps 24VDC up to 1.1W LED Plug-In	£6.45
QYE21XX120AC	10 Amps 120VAC up to 1.8VA PCB Mount	£5.98
QYE21XX12DC	10 Amps 12VDC up to 1.1W Plug-In	£5.98
QYE21XX240AC	10 Amps 240VAC up to 1.8VA PCB Mount	£6.90
QYE21XX24AC	10 Amps 24VAC up to 1.8VA PCB Mount	£5.98
QYE21XX24DC	10 Amps 24VDC up to 1.1W Plug-In	£5.98
QYE21XXF240AC	10 Amps 240VAC up to 1.8VA Plug-In	£6.90
QYE21XXF24DC	10 Amps 24VDC up to 1.1W Plug-In	£5.98
QYE22XX12DC	10 Amps 12VDC up to 1.1W PCB Mount	£5.98
QYE22XX24DC	10 Amps 24VDC up to 1.1W PCB Mount	£5.98

HYE Plug-In Relays 2/3/4PCO



Plug-In
2, 3 & 4 Pole Changeover



Part Number	Description	Price
<i>2 Pole Changeover Versions (2PCO)</i>		
HYE21PN120AC	10 Amps 120VAC up to 1.8VA LED & Man.Test/Latch	£4.28
HYE21PN12DC	10 Amps 12VDC up to 1.1W LED & Man.Test/Latch	£4.28
HYE21PN240AC	10 Amps 240VAC up to 1.8VA LED & Man.Test/Latch	£4.36
HYE21PN24AC	10 Amps 24VAC up to 1.8VA LED & Man.Test/Latch	£4.28
HYE21PN24DC	10 Amps 24VDC up to 1.1W LED & Man.Test/Latch	£4.28
HYE21XX12DC	10 Amps 12VDC up to 1.1W	£4.77
HYE21XX240AC	10 Amps 240VAC up to 1.8VA	£5.35
RSE3PN48DC	5 Amps 48VDC 2.7VA LED & Flag	£9.23
<i>3 Pole Changeover Versions (3PCO)</i>		
HYE31PN230AC	10 Amps 230VAC up to 1.8VA LED & Man.Test/Latch	£5.77
HYE31PN24AC	10 Amps 24VAC up to 1.8VA LED & Man.Test/Latch	£5.53
HYE31PN24DC	10 Amps 24VDC up to 1.1W LED & Man.Test/Latch	£7.09
<i>4 Pole Changeover Versions (4PCO)</i>		
HYE41PN110DC	5 Amps 110VDC up to 1.1W LED & Man.Test/Latch	£5.77
HYE41PN120AC	5 Amps 120VAC up to 1.8VA LED & Man.Test/Latch	£5.55
HYE41PN12AC	5 Amps 12VAC up to 1.8VA LED & Man.Test/Latch	£5.55
HYE41PN12DC	5 Amps 12VDC up to 1.1W LED & Man.Test/Latch	£5.55
HYE41PN240AC	5 Amps 240VAC up to 1.8VA LED & Man.Test/Latch	£5.77
HYE41PN24AC	5 Amps 24VAC up to 1.8VA LED & Man.Test/Latch	£5.55
HYE41PN24DC	5 Amps 24VDC up to 1.1W LED & Man.Test/Latch	£5.55
HYE41PN48AC	5 Amps 48VAC up to 1.8VA LED & Man.Test/Latch	£5.55
HYE41PN48DC	5 Amps 48VDC up to 1.1W LED & Man.Test/Latch	£5.55
HYE41PX12DC	5 Amps 12VDC up to 1.1W Manual Test/Latch	£5.25
HYE41PX240AC	5 Amps 240VAC up to 1.8VA Manual Test/Latch	£5.64
HYE41PX24DC	5 Amps 240VDC up to 1.1W Manual Test/Latch	£5.25
HYE41XX120AC	5 Amps 120VAC up to 1.8VA	£5.55
HYE41XX12DC	5 Amps 12VDC up to 1.1W	£5.55
HYE41XX240AC	5 Amps 240VAC up to 1.8VA	£5.77
HYE41XX24DC	5 Amps 24VDC up to 1.1W	£5.55
HYE41XX48AC	5 Amps 48VAC up to 1.8VA	£5.55
HYE42XX120AC	5 Amps 120VAC up to 1.8VA PCB Mount	£5.55
HYE42XX240AC	5 Amps 240VAC up to 1.8VA PCB Mount	£5.77
HYE42XX24AC	5 Amps 24VAC up to 1.8VA PCB Mount	£5.31
HYE42XX24DC	5 Amps 24VDC up to 1.1W PCB Mount	£5.55

Miniature High Power Relays



PCB Mount



Part Number	Description	Price
SRRHN-1CN-SL-115VAC	SPCO 12 Amps 115VAC Coil Resistance 100Ω	£3.59
SRRHN-2CT-SL-48VDC	DPCO 8 Amps 48VDC Coil Resistance 100Ω	£3.11

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RSE Relays 2PCO 8 Pins / 3PCO 11 Pins



Plug-In Mount
2 Pole Changeover / 3 Pole Changeover



Part Number	Description	Price
<i>2 Pole Changeover Versions (2PCO) - 8 Pins</i>		
RSE2PN110AC	10 Amps 110VAC 1.5W LED & Man.Test/Latch	£7.52
RSE2PN110DC	10 Amps 110VDC 2.7VA LED & Flag	£7.87
RSE2PN12AC	10 Amps 12VAC 1.5W LED & Flag	£7.52
RSE2PN12DC	10 Amps 12VDC 2.7VA LED & Flag	£7.52
RSE2PN230AC	10 Amps 230VAC 1.5W LED & Man.Test/Latch	£7.87
RSE2PN24AC	10 Amps 24VAC 1.5W LED & Flag	£7.52
RSE2PN24DC	10 Amps 24VDC 2.7VA LED & Man.Test/Latch	£7.52
RSE2PN48DC	10 Amps 48VDC 2.7VA LED & Flag	£8.00
<i>3 Pole Changeover Versions (3PCO) - 11 Pins</i>		
RSE3PN110AC	5 Amps 110VAC 1.5W LED & Flag	£8.14
RSE3PN110DC	5 Amps 110VDC 2.7VA LED & Flag	£8.50
RSE3PN12AC	5 Amps 12VAC 1.5W LED & Flag	£8.14
RSE3PN12DC	10 Amps 12VDC 2.7VA LED & Man.Test/Latch	£8.14
RSE3PN230AC	10 Amps 230VAC 1.5W LED & Man.Test/Latch	£8.50
RSE3PN24AC	5 Amps 24VAC 1.5W LED & Flag	£8.14
RSE3PN24DC	10 Amps 24VDC 2.7VA LED & Man.Test/Latch	£8.14
RSE3PN48DC	5 Amps 48VDC 2.7VA LED & Flag	£8.98

ETS Slimline Plug-In Power Relays



6A Sealed Power Relays
Compatible with SRSI Sockets



Part Number	Description	Price
ETS-1AN-SL-12VDC	6 Amps SPNO 12VDC AgNi	£1.81
ETS-1AN-SL-24VDC	6 Amps SPNO 24VDC AgNi	£1.81
ETS-1AN-SL-60VDC	6 Amps SPNO 60VDC AgNi	£3.87
ETS-1CN-SL-5VDC	6 Amps SPCO 5VDC AgNi	£2.04
ETS-1CN-SL-6VDC	6 Amps SPCO 6VDC AgNi	£2.04
ETS-1CN-SL-9VDC	6 Amps SPCO 9VDC AgNi	£2.04
ETS-1CN-SL-12VDC	6 Amps SPCO 12VDC AgNi	£2.04
ETS-1CN-SL-24VDC	6 Amps SPCO 24VDC AgNi	£2.04
ETS-1CN-SL-48VDC	6 Amps SPCO 48VDC AgNi	£3.82
ETS-1CN-SL-60VDC	6 Amps SPCO 60VDC AgNi	£4.03

Relay Sockets for Power Relays & Plug-In Modules

For HYE Series Power Relays



Part Number	Description	Price
SRNE2-D	For HYE21 Relays T35 DIN/Panel Mount 8 Pins	£3.13
SRNE2-S	For HYE21 Relays T35 DIN/Panel Mount 8 Pins	£3.13
SRPE2-0	For HYE31 Relays PCB Terminal PCB Mount	£1.27
SRNE3-C	For HYE31 Relays T35 DIN/Panel Mount 11 Pins	£3.13
SRNE3-D	For HYE31 Relays T35 DIN/Panel Mount 11 Pins (with Module Slot)	£3.24
SRNE4-C	For HYE41 Relays T35 DIN/Panel Mount 14 Pins	£3.64
SRNE4-D	For HYE41 Relays T35 DIN/Panel Mount 14 Pins	£3.53
SRNE4-S	For HYE41 Relays T35 DIN/Panel Mount 14 Pins	£3.53
SRPE4-0	For HYE41 Relays Solder Terminal, Back-Mount	£0.95

For RSE Series Power Relays



Part Number	Description	Price
<i>8 Pin Version</i>		
SRPE8*	For RSE2 Relays T35 DIN/Panel Mount	£1.87
SRRE8	For RSE2 Relays T35 DIN/Panel Mount	£2.86
<i>11 Pin Version</i>		
SRPE11	For RSE3 Relays T35 DIN/Panel Mount (No Modules)	£2.98
SRRE11	For RSE3 Relays T35 DIN/Panel Mount	£3.30
SRRE11-M**	For RSE3 Relays T35 DIN/Panel Mount (for RPDM Module)	£5.39

Relay Sockets for Power Relays & Plug-In Modules

For QYE Series Power Relays



Part Number	Description	Price
SRHE2-C	For QYE21 Relays T35 DIN/Panel Mount 8 Pins (No Modules)	£3.90
SRPE2-0	For QYE21 PCB Terminal PCB Mount (No Modules)	£1.27

For Miniature Power Relays



Part Number	Description	Price
<i>5 Pin Version</i>		
SRSE1-0	For SRRHN Relay PCB Mount	£0.56
SRNE3-S	For SRRHN Relay & Module T35 DIN Single	£2.59
SRNE3-T	For SRRHN Relay & Module T35 DIN Twin	£2.59
<i>8 Pin Version</i>		
SRSE2-0	For SRRHN Relay PCB Mount	£0.67
SRNE5-S	For SRRHN Relay & Module T35 DIN Single	£2.86
SRNE5-T	For SRRHN Relay & Module T35 DIN Twin	£2.59

Relay Socket Plug-In Modules



Part Number	Description	Price
<i>For SRNE2-D/S, SRNE3-D, SRNE4-D/S, SRNE3-S/T, SRNE5-S/T</i>		
PDLME1	6-24 AC/DC Diode LED Resistor	£2.09
PDLME3	110-230 AC/DC Diode LED Resistor	£2.09
PDME1	6-230 VDC Diode -A1 to +A4	£0.96
PDME2	6-230 VDC Diode +A1 to -A2	£0.96
PLME1	6-24 VDC Diode LED Resistor	£1.35
PLME1-R	6-24 VDC Diode LED Resistor	£1.35
PVME2	115 VAC Varistor	£3.00
<i>For SRR8-M, SRR11-M</i>		
RPDME1	6-220 VDC Diode -A1 to +A2	£1.35

For ETS Slimline Plug-In Power Relays



Part Number	Description	Price
SRSI-24AC/DC	For Use With ETS-1AN-SL-24VDC	£4.82
SRSI-24DC	For Use With ETS-1AN-SL-5VDC	£4.82
SRSI-24DC	For Use With ETS-1AN-SL-6VDC	£4.82
SRSI-24AC/DC	For Use With ETS-1AN-SL-9VDC	£4.82
SRSI-24AC/DC	For Use With ETS-1CN-SL-12VDC	£4.82
SRSI-24AC/DC	For Use With ETS-1CN-SL-24VDC	£4.82
SRSI-24DC	For Use With ETS-1CN-SL-5VDC	£4.82
SRSI-24DC	For Use With ETS-1CN-SL-6VDC	£4.82
SRSI-24AC/DC	For Use With ETS-1CN-SL-9VDC	£4.82

Slimline Power Relay Accessories



Part Number	Description	Price
SRSI-ADP-L1M	1m Ribbon Cable 2x14 Pin to 1x20Pin	£21.09
SRSI-ADP-L1M/32	1m Ribbon Cable 4x14 Pin to 1x32Pin	£29.39
SRSI-ADP-L2M	2m Ribbon Cable 2x14 Pin to 1x20Pin	£30.12
SRSI-ADP-L2M/32	2m Ribbon Cable 4x14 Pin to 1x32Pin	£38.62
SRSI-ADP/PLC	Adaptor Interface for SRSI Base to PLC 14 pole 1A 24VDC acc. IEC 60603-13	£17.64
SRSI-CC/20BLACK	20-Way Cross Connector for SRSC/SRSI	£3.07
SRSI-CC/20BLUE	20-Way Cross Connector for SRSC/SRSI	£3.07
SRSI-CC/20RED	20-Way Cross Connector for SRSC/SRSI	£3.07

IMO STARLINE CATALOGUE 2019

SD1 General Purpose Inverter & Accessories AC Variable Speed Drives (0.4kW ~ 110kW)

SD1 Single-Phase 200V



IP20 Rated



Part Number	Description	Price
SD1-2.5A-21-UL	SD1 0.4kW 2.5 Amp Torque Vector UL Approved	£121.93
SD1-4.2A-21-UL	SD1 0.75kW 4.2 Amp Torque Vector UL Approved	£138.05
SD1-7.5A-21-UL	SD1 1.5kW 7.5 Amp Torque Vector UL Approved	£201.22
SD1-2.5A-21	SD1 0.4kW 2.5 Amp Torque Vector	£121.93
SD1-4.2A-21	SD1 0.75kW 4.2 Amp Torque Vector	£138.05
SD1-7.5A-21	SD1 1.5kW 7.5 Amp Torque Vector	£201.22
SD1-10A-21	SD1 2.2kW 10 Amp Torque Vector	£243.14

SD1 Three-Phase 200V



IP20 Rated



Part Number	Description	Price
SD1-2.5A-23	SD1 0.4kW 2.5 Amp Torque Vector	£333.98
SD1-4.2A-23	SD1 0.75kW 4.2 Amp Torque Vector	£360.91
SD1-7.5A-23	SD1 1.5kW 7.5 Amp Torque Vector	£387.84
SD1-10A-23	SD1 2.2kW 10 Amp Torque Vector	£495.58
SD1-16A-23	SD1 4kW 16 Amp Torque Vector	£700.27
SD1-20A-23	SD1 5.5kW 20 Amp Torque Vector	£786.46
SD1-30A-23	SD1 7.5kW 30 Amp Torque Vector	£1,007.32

SD1 Three-Phase 400V



IP20 Rated



Part Number	Description	Price
SD1-2.5A-43-UL	SD1 0.4kW 2.5 Amp Torque Vector UL Approved	£278.97
SD1-4.2A-43-UL	SD1 1.5kW 4.2 Amp Torque Vector UL Approved	£290.09
SD1-5.5A-43-UL	SD1 2.2kW 5.5 Amp Torque Vector UL Approved	£320.44
SD1-2.5A-43	SD1 0.4kW 2.5 Amp Torque Vector	£278.97
SD1-4.2A-43	SD1 1.5kW 4.2 Amp Torque Vector	£290.09
SD1-5.5A-43	SD1 2.2kW 5.5 Amp Torque Vector	£320.44
SD1-9.5A-43	SD1 4kW 9.5 Amp Torque Vector	£515.48
SD1-14A-43	SD1 5.5kW 14 Amp Torque Vector	£666.15
SD1-18.5A-43	SD1 7.5kW 18.5 Amp Torque Vector	£749.43
SD1-25A-43	SD1 11kW 25 Amp Torque Vector	£947.68
SD1-32A-43	SD1 15kW 32 Amp Torque Vector	£1,169.74
SD1-38A-43	SD1 18.5kW 38 Amp Torque Vector	£1,443.34
SD1-45A-43	SD1 22kW 45 Amp Torque Vector	£1,748.67
SD1-60A-43	SD1 30kW 60 Amp Torque Vector	£2,101.56
SD1-75A-43	SD1 37kW 75 Amp Torque Vector	£2,426.72
SD1-92A-43	SD1 45kW 92 Amp Torque Vector	£3,029.42
SD1-115A-43	SD1 55kW 115 Amp Torque Vector	£3,832.57
SD1-150A-43	SD1 75kW 150 Amp Torque Vector	£4,516.03
SD1-180A-43	SD1 90kW 180 Amp Torque Vector	£5,147.59
SD1-215A-43	SD1 110kW 215 Amp Torque Vector	£5,939.18

SD1 Filters & Accessories



Part Number	Description	Price
SD1-RFC3-10	C3 Filter for Single-Phase SD1 models	£12.10
SD1-RFC3-7	C3 Filter for Three-Phase SD1 models	£16.72
SD1-KP	5 Digit External Mount LED Keypad	£18.15
SD1-KP-CPY	5 Digit External Mount LED Keypad w/copy	£29.04
SD1-KP-MB	Keypad Mounting Bracket for SD1 keypads	£2.88



Traditional fans and pumps are hugely inefficient consumers of energy and the introduction of a Variable Speed Drive can deliver energy savings of up to 50% in many cases. Equipment such as air handling units, swimming pool pumps and extraction systems can all be controlled to deliver optimum performance but at a fraction of the cost.

HD1 General Purpose Inverter & Accessories AC Variable Speed Drives (0.75kW ~ 110kW)



HD1 Three-Phase 200V



IP20 Rated



Part Number	Description	Price
HD1-4.5A-23	HD1 0.75kW 4.5 Amp Torque Vector UL Approved	£524.28
HD1-7A-23	HD1 1.5kW 7 Amp Torque Vector UL Approved	£668.20
HD1-10A-23	HD1 2.2kW 10 Amp Torque Vector UL Approved	£709.32
HD1-16A-23	HD1 4kW 16 Amp Torque Vector UL Approved	£848.10
HD1-20A-23	HD1 5.5kW 20 Amp Torque Vector UL Approved	£950.90
HD1-30A-23	HD1 7.5kW 30 Amp Torque Vector UL Approved	£1,326.12
HD1-42A-23	HD1 11kW 42 Amp Torque Vector UL Approved	£1,865.82
HD1-55A-23	HD1 15kW 55 Amp Torque Vector UL Approved	£2,025.16
HD1-70A-23	HD1 18.5kW 70 Amp Torque Vector UL Approved	£2,739.62
HD1-80A-23	HD1 22kW 80 Amp Torque Vector UL Approved	£2,904.10
HD1-110A-23	HD1 30kW 110 Amp Torque Vector UL Approved	£3,258.76
HD1-130A-23	HD1 37kW 130 Amp Torque Vector UL Approved	£4,327.88
HD1-160A-23	HD1 45kW 160 Amp Torque Vector UL Approved	£4,883.00
HD1-200A-23	HD1 55kW 200 Amp Torque Vector UL Approved	£5,438.12

HD1 Three-Phase 400V



IP20 Rated
DUAL RATED



Part Number	Description	Price
HD1-3.7A-43	HD1 1.5kW 3.7 Amp Torque Vector UL Approved	£377.12
HD1-5A-43	HD1 2.2kW 5 Amp Torque Vector UL Approved	£416.57
HD1-9.5A-43	HD1 4kW 9.5 Amp Torque Vector UL Approved	£567.03
HD1-14A-43	HD1 5.5kW 14 Amp Torque Vector UL Approved	£732.77
HD1-18.5A-43	HD1 7.5kW 18.5 Amp Torque Vector UL Approved	£874.75
HD1-25A-43	HD1 11kW 25 Amp Torque Vector UL Approved	£1,042.45
HD1-32A-43	HD1 15kW 32 Amp Torque Vector UL Approved	£1,286.71
HD1-38A-43	HD1 18.5kW 38 Amp Torque Vector UL Approved	£1,587.68
HD1-45A-43	HD1 22kW 45 Amp Torque Vector UL Approved	£1,923.54
HD1-60A-43	HD1 30kW 60 Amp Torque Vector UL Approved	£2,311.72
HD1-75A-43	HD1 37kW 75 Amp Torque Vector UL Approved	£2,827.70
HD1-92A-43	HD1 45kW 92 Amp Torque Vector UL Approved	£3,701.42
HD1-115A-43	HD1 55kW 115 Amp Torque Vector UL Approved	£4,420.99
HD1-150A-43	HD1 75kW 150 Amp Torque Vector UL Approved	£5,037.54
HD1-180A-43	HD1 90kW 180 Amp Torque Vector UL Approved	£6,065.32
HD1-215A-43	HD1 110kW 215 Amp Torque Vector UL Approved	£6,887.75
HD1-260A-43	HD1 132kW 260 Amp Torque Vector UL Approved	£7,710.63
HD1-305A-43	HD1 160kW 305 Amp Torque Vector UL Approved	£9,354.91
HD1-340A-43	HD1 185kW 340 Amp Torque Vector UL Approved	£10,382.97
HD1-380A-43	HD1 200kW 380 Amp Torque Vector UL Approved	£11,822.63
HD1-425A-43	HD1 220kW 425 Amp Torque Vector UL Approved	£13,569.74
HD1-480A-43	HD1 250kW 480 Amp Torque Vector UL Approved	£14,906.34
HD1-530A-43	HD1 280kW 530 Amp Torque Vector UL Approved	£16,345.29
HD1-600A-43	HD1 315kW 600 Amp Torque Vector UL Approved	£18,092.89
HD1-650A-43	HD1 350kW 650 Amp Torque Vector UL Approved	£22,374.80
HD1-720A-43	HD1 400kW 720 Amp Torque Vector UL Approved	£25,155.66
HD1-860A-43	HD1 500kW 860 Amp Torque Vector UL Approved	£28,681.60

HD1 Three-Phase 600V



IP20 Rated



Part Number	Description	Price
HD1-27A-63	HD1 18.5kW 27 Amp Torque Vector UL Approved	£3,140.54
HD1-35A-63	HD1 22kW 35 Amp Torque Vector UL Approved	£3,212.50
HD1-45A-63	HD1 30kW 45 Amp Torque Vector UL Approved	£3,968.08
HD1-52A-63	HD1 37kW 52 Amp Torque Vector UL Approved	£4,404.98
HD1-62A-63	HD1 45kW 62 Amp Torque Vector UL Approved	£5,715.68
HD1-86A-63	HD1 55kW 86 Amp Torque Vector UL Approved	£6,270.80
HD1-98A-63	HD1 75kW 98 Amp Torque Vector UL Approved	£8,059.52
HD1-120A-63	HD1 90kW 120 Amp Torque Vector UL Approved	£8,933.32
HD1-150A-63	HD1 110kW 150 Amp Torque Vector UL Approved	£9,925.34

HD1 Accessories



Part Number	Description	Price
HD1-E-PDP	Profibus option card	£200.46
HD1-E-COP	CANopen option card	£200.46
HD1-E-PRF	PROFinet option card	£241.58
HD1-KP-LED	HD LED Keypad (standard)	£46.26
HD1-KP-LCD	HD LCD Keypad	£97.66

HD1 Braking Units



IP20 Rated



Part Number	Description	Price
DBU22/37-4	Dynamic brake unit, 22-37kW / 400V	£426.62
DBU45/75-4	Dynamic brake unit, 45-75kW / 400V	£801.84
DBU90/110-4	Dynamic brake unit, 90-110kW / 400V	£873.80
DBU132-4	Dynamic brake unit, 132kW / 400V	£1,012.58
DBU160/200-4	Dynamic brake unit, 160-200kW / 400V	£1,264.44
DBU220/250-4	Dynamic brake unit, 220-250kW / 400V	£1,516.30



IMO STARLINE CATALOGUE 2019



Jaguar AC Variable Speed Drives 0.4kW ~ 710kW (0.55HP ~ 950HP)

CUB Single-Phase 200V



IP20 Rated



Part Number	Description	Price
CUB3A-1	0.4kW 3.0 Amp 0.5 HP 200-240V 1ph 50-60Hz	£167.15
CUB5A-1	0.75kW 5.0 Amp 1.0 HP 200-240V 1ph 50-60Hz	£219.03
CUB8A-1	1.5kW 8.0 Amp 2.0 HP 200-240V 1ph 50-60Hz	£310.10
CUB11A-1	2.2kW 11.0 Amp 3.0 HP 200-240V 1ph 50-60Hz	£344.68
CUB1A5-4	0.4kW 1.5 Amp 0.5 HP 380-480V 3ph 50-60Hz	£331.99
CUB2A5-4	0.75kW 2.5 Amp 1.0 HP 380-480V 3ph 50-60Hz	£368.89
CUB3A7-4	1.5kW 3.7 Amp 2.0 HP 380-480V 3ph 50-60Hz	£409.23
CUB5A5-4	2.2kW 5.5 Amp 3.0 HP 380-480V 3ph 50-60Hz	£468.02
CUB9A-4	4.0kW 9.0 Amp 5.5 HP 380-480V 3ph 50-60Hz	£555.63

NOTE: Filtered versions available, please contact IMO for more information

VXT Single-Phase 200V Single-Rated



IP20 Rated



Part Number	Description	Price
VXT-3A-1E	0.4kW 3.0 Amp 0.5 HP 200-240V 1ph 50-60Hz	£308.56
VXT-5A-1E	0.75kW 5.0 Amp 1.0 HP 200-240V 1ph 50-60Hz	£342.99
VXT-8A-1E	1.5kW 8.0 Amp 2.0 HP 200-240V 1ph 50-60Hz	£447.30
VXT-11A-1E	2.2kW 11.0 Amp 3.0 HP 200-240V 1ph 50-60Hz	£521.11

VXT Three-Phase 200V Dual-Rated



IP20 Rated



Part Number	Description	Price
VXT-4A-2	0.75kW 3.5 Amp 1.0 HP 200-240V 3ph 50-60Hz	£307.76
VXT-6A-2	1.1kW 6.0 Amp 1.5 HP 200-240V 3ph 50-60Hz	£316.05
VXT-10A-2	2.2kW 9.6 Amp 3.0 HP 200-240V 3ph 50-60Hz	£431.53
VXT-12A-2	3.0kW 12.0 Amp 4.0 HP 200-240V 3ph 50-60Hz	£478.74
VXT-20A-2	5.5kW 19.6 Amp 7.5 HP 200-240V 3ph 50-60Hz	£603.78

VXT Three-Phase 400V Quadruple-Rated



IP20 Rated
IP00 Rated*



Part Number	Description	Price
VXT-2A-4E	0.75kW 2.1 Amp 1.0 HP 380-480V 3ph 50-60Hz	£430.73
VXT-4A-4E	1.5kW 4.1 Amp 2.0 HP 380-480V 3ph 50-60Hz	£491.19
VXT-6A-4E	2.2kW 5.5 Amp 3.0 HP 380-480V 3ph 50-60Hz	£559.52
VXT-7A-4E	3.0kW 6.9 Amp 4.0 HP 380-480V 3ph 50-60Hz	£650.55
VXT-12A-4E	5.5kW 12.0 Amp 7.5 HP 380-480V 3ph 50-60Hz	£772.62
VXT-22A-4E	11.0kW 21.5 Amp 15.0 HP 380-480V 3ph 50-60Hz	£918.48
VXT-29A-4E	15.0kW 28.5 Amp 20.0 HP 380-480V 3ph 50-60Hz	£1,073.88
VXT-37A-4E	18.5kW 37.0 Amp 25.0 HP 380-480V 3ph 50-60Hz	£1,252.82
VXT-44A-4E	22.0kW 44.0 Amp 30.0 HP 380-480V 3ph 50-60Hz	£1,586.70
VXT-59A-4E	30.0kW 59.0 Amp 40.0 HP 380-480V 3ph 50-60Hz	£2,067.38
VXT-72A-4E	37.0kW 72.0 Amp 50.0 HP 380-480V 3ph 50-60Hz	£2,581.75
VXT-85A-4E*	45.0kW 85.0 Amp 60.0 HP 380-480V 3ph 50-60Hz	£3,304.36
VXT-105A-4E*	55.0kW 105.0 Amp 75.0 HP 380-480V 3ph 50-60Hz	£4,183.44
VXT-139A-4E*	75.0kW 139.0 Amp 100.0 HP 380-480V 3ph 50-60Hz	£5,032.58
VXT-168A-4E*	90.0kW 168.0 Amp 125.0 HP 380-480V 3ph 50-60Hz	£5,569.19
VXT-203A-4E*	110.0kW 203.0 Amp 150.0 HP 380-480V 3ph 50-60Hz	£6,748.72
VXT-240A-4E*	132.0kW 240.0 Amp 175.0 HP 380-480V 3ph 50-60Hz	£8,391.51
VXT-290A-4E*	160.0kW 290.0 Amp 215.0 HP 380-480V 3ph 50-60Hz	£8,992.12
VXT-361A-4E*	200.0kW 361.0 Amp 270.0 HP 380-480V 3ph 50-60Hz	£10,779.56
VXT-415A-4E*	220.0kW 415.0 Amp 300.0 HP 380-480V 3ph 50-60Hz	£12,993.92
VXT-520A-4E*	280.0kW 520.0 Amp 375.0 HP 380-480V 3ph 50-60Hz	£14,751.02
VXT-590A4E*	315.0kW 590.0 Amp 420.0 HP 380-480V 3ph 50-60Hz	£17,291.37

NOTE: Ratings displayed above related to use with Pumps & Fans. For General Purpose & Heavy Duty ratings, please visit www.imopc.com. Unfiltered versions available. Contact IMO for more information

Save Energy & Money with a Jaguar Variable Speed Drive

Introduction of a Variable Speed Drive can deliver energy savings of up to 50% in many cases. Equipment such as air handling units, swimming pool pumps and extraction systems can all be controlled to deliver optimum performance but at a fraction of the cost.



VXH Three-Phase 380V



IP55

Part Number	Description	Price
VXH2A5L-4E	0.75kW 2.5 Amp 1 HP 380-480V 3ph 50-60Hz	£639.78
VXH4A1L-4E	1.5kW 4.1 Amp 2 HP 380-480V 3ph 50-60Hz	£692.81
VXH5A5L-4E	2.2kW 5.5 Amp 3 HP 380-480V 3ph 50-60Hz	£755.06
VXH9L-4E	4kW 9 Amp 5.5 HP 380-480V 3ph 50-60Hz	£981.00
VXH13A5L-4E	5.5kW 13.5 Amp 7.5 HP 380-480V 3ph 50-60Hz	£1,034.02
VXH18A5L-4E	7.5kW 18.5 Amp 10 HP 380-480V 3ph 50-60Hz	£1,178.12
VXH24A5L-4E	11kW 24.5 Amp 15 HP 380-480V 3ph 50-60Hz	£1,430.58
VXH32L-4E	15kW 32 Amp 20 HP 380-480V 3ph 50-60Hz	£1,741.81
VXH39L-4E	18.5kW 39 Amp 25 HP 380-480V 3ph 50-60Hz	£2,024.25
VXH45L-4E	22kW 45 Amp 30 HP 380-480V 3ph 50-60Hz	£2,373.53
VXH60L-4E	30kW 60 Amp 40 HP 380-480V 3ph 50-60Hz	£2,811.58
VXH75L-4E	37kW 75 Amp 50 HP 380-480V 3ph 50-60Hz	£3,377.58
VXH91L-4E	45kW 91 Amp 60 HP 380-480V 3ph 50-60Hz	£4,214.48
VXH112L-4E	55kW 112 Amp 75 HP 380-480V 3ph 50-60Hz	£4,846.20
VXH150L-4E	75kW 150 Amp 100 HP 380-480V 3ph 50-60Hz	£5,766.09
VXH176L-4E	90kW 176 Amp 125 HP 380-480V 3ph 50-60Hz	£6,861.21

VXA Three-Phase 380V



IP55

Part Number	Description	Price
VXA2A5L-4E	0.75kW 2.5 Amp 1 HP 380-480V 3ph 50-60Hz	£639.78
VXA4A1L-4E	1.5kW 4.1 Amp 2 HP 380-480V 3ph 50-60Hz	£692.81
VXA5A5L-4E	2.2kW 5.5 Amp 3 HP 380-480V 3ph 50-60Hz	£755.06
VXA9L-4E	4kW 9 Amp 5.5 HP 380-480V 3ph 50-60Hz	£981.00
VXA13A5L-4E	5.5kW 13.5 Amp 7.5 HP 380-480V 3ph 50-60Hz	£1,104.34
VXA18A5L-4E	7.5kW 18.5 Amp 10 HP 380-480V 3ph 50-60Hz	£1,309.53
VXA24A5L-4E	11kW 24.5 Amp 15 HP 380-480V 3ph 50-60Hz	£1,589.66
VXA32L-4E	15kW 32 Amp 20 HP 380-480V 3ph 50-60Hz	£1,938.94
VXA39L-4E	18.5kW 39 Amp 25 HP 380-480V 3ph 50-60Hz	£2,246.72
VXA45L-4E	22kW 45 Amp 30 HP 380-480V 3ph 50-60Hz	£2,637.51
VXA60L-4E	30kW 60 Amp 40 HP 380-480V 3ph 50-60Hz	£3,128.58
VXA75L-4E	37kW 75 Amp 50 HP 380-480V 3ph 50-60Hz	£3,753.38
VXA91L-4E	45kW 91 Amp 60 HP 380-480V 3ph 50-60Hz	£4,473.86
VXA112L-4E	55kW 112 Amp 75 HP 380-480V 3ph 50-60Hz	£5,105.56
VXA150L-4E	75kW 150 Amp 100 HP 380-480V 3ph 50-60Hz	£6,094.63
VXA176L-4E	90kW 176 Amp 125 HP 380-480V 3ph 50-60Hz	£7,196.67

IP21

Part Number	Description	Price
VXH2A5M-4E	0.75kW 2.5 Amp 1 HP 380-480V 3ph 50-60Hz	£514.13
VXH4A1M-4E	1.5kW 4.1 Amp 2 HP 380-480V 3ph 50-60Hz	£607.51
VXH5A5M-4E	2.2kW 5.5 Amp 3 HP 380-480V 3ph 50-60Hz	£690.50
VXH9M-4E	4kW 9 Amp 5.5 HP 380-480V 3ph 50-60Hz	£878.41
VXH13A5M-4E	5.5kW 13.5 Amp 7.5 HP 380-480V 3ph 50-60Hz	£937.20
VXH18A5M-4E	7.5kW 18.5 Amp 10 HP 380-480V 3ph 50-60Hz	£1,107.80
VXH24A5M-4E	11kW 24.5 Amp 15 HP 380-480V 3ph 50-60Hz	£1,360.25
VXH32M-4E	15kW 32 Amp 20 HP 380-480V 3ph 50-60Hz	£1,615.02
VXH39M-4E	18.5kW 39 Amp 25 HP 380-480V 3ph 50-60Hz	£1,920.50
VXH45M-4E	22kW 45 Amp 30 HP 380-480V 3ph 50-60Hz	£2,255.95
VXH60M-4E	30kW 60 Amp 40 HP 380-480V 3ph 50-60Hz	£2,661.72
VXH75M-4E	37kW 75 Amp 50 HP 380-480V 3ph 50-60Hz	£3,157.41
VXH91M-4E	45kW 91 Amp 60 HP 380-480V 3ph 50-60Hz	£4,020.82
VXH112M-4E	55kW 112 Amp 75 HP 380-480V 3ph 50-60Hz	£4,667.52
VXH150M-4E	75kW 150 Amp 100 HP 380-480V 3ph 50-60Hz	£5,572.43
VXH176M-4E	90kW 176 Amp 125 HP 380-480V 3ph 50-60Hz	£6,588.01

IP21

Part Number	Description	Price
VXA2A5M-4E	0.75kW 2.5 Amp 1 HP 380-480V 3ph 50-60Hz	£514.13
VXA4A1M-4E	1.5kW 4.1 Amp 2 HP 380-480V 3ph 50-60Hz	£607.51
VXA5A5M-4E	2.2kW 5.5 Amp 3 HP 380-480V 3ph 50-60Hz	£690.50
VXA9M-4E	4kW 9 Amp 5.5 HP 380-480V 3ph 50-60Hz	£878.41
VXA13A5M-4E	5.5kW 13.5 Amp 7.5 HP 380-480V 3ph 50-60Hz	£1,039.79
VXA18A5M-4E	7.5kW 18.5 Amp 10 HP 380-480V 3ph 50-60Hz	£1,227.69
VXA24A5M-4E	11kW 24.5 Amp 15 HP 380-480V 3ph 50-60Hz	£1,510.11
VXA32M-4E	15kW 32 Amp 20 HP 380-480V 3ph 50-60Hz	£1,791.38
VXA39M-4E	18.5kW 39 Amp 25 HP 380-480V 3ph 50-60Hz	£2,132.61
VXA45M-4E	22kW 45 Amp 30 HP 380-480V 3ph 50-60Hz	£2,506.10
VXA60M-4E	30kW 60 Amp 40 HP 380-480V 3ph 50-60Hz	£2,960.28
VXA75M-4E	37kW 75 Amp 50 HP 380-480V 3ph 50-60Hz	£3,510.15
VXA91M-4E	45kW 91 Amp 60 HP 380-480V 3ph 50-60Hz	£4,229.47
VXA112M-4E	55kW 112 Amp 75 HP 380-480V 3ph 50-60Hz	£4,919.97
VXA150M-4E	75kW 150 Amp 100 HP 380-480V 3ph 50-60Hz	£5,904.43
VXA176M-4E	90kW 176 Amp 125 HP 380-480V 3ph 50-60Hz	£7,049.12

IP00

Part Number	Description	Price
VXH210S-4E	110kW 210 Amp 150 HP 380-480V 3ph 50-60Hz	£8,340.21
VXH253S-4E	132kW 253 Amp 180 HP 380-480V 3ph 50-60Hz	£9,609.39
VXH304S-4E	160kW 304 Amp 218 HP 380-480V 3ph 50-60Hz	£12,437.10
VXH377S-4E	200kW 377 Amp 270 HP 380-480V 3ph 50-60Hz	£15,262.52
VXH415S-4E	220kW 415 Amp 300 HP 380-480V 3ph 50-60Hz	£18,789.96
VXH520S-4E	280kW 520 Amp 380 HP 380-480V 3ph 50-60Hz	£22,478.78
VXH585S-4E	315kW 585 Amp 425 HP 380-480V 3ph 50-60Hz	£34,582.74
VXH650S-4E	355kW 650 Amp 475 HP 380-480V 3ph 50-60Hz	£35,735.50
VXH740S-4E	400kW 740 Amp 530 HP 380-480V 3ph 50-60Hz	£46,686.70
VXH960S-4E	500kW 960 Amp 670 HP 380-480V 3ph 50-60Hz	£50,721.36
VXH1170S-4E	630kW 1170 Amp 840 HP 380-480V 3ph 50-60Hz	POA
VXH1370S-4E	710kW 1370 Amp 950 HP 380-480V 3ph 50-60Hz	POA

IP00

Part Number	Description	Price
VXA210S-4E	110kW 210 Amp 150 HP 380-480V 3ph 50-60Hz	£9,216.30
VXA253S-4E	132kW 253 Amp 180 HP 380-480V 3ph 50-60Hz	£10,657.25
VXA304S-4E	160kW 304 Amp 218 HP 380-480V 3ph 50-60Hz	£13,717.82
VXA377S-4E	200kW 377 Amp 270 HP 380-480V 3ph 50-60Hz	£17,406.65
VXA415S-4E	220kW 415 Amp 300 HP 380-480V 3ph 50-60Hz	£19,596.89
VXA520S-4E	280kW 520 Amp 380 HP 380-480V 3ph 50-60Hz	£23,919.73
VXA585S-4E	315kW 585 Amp 425 HP 380-480V 3ph 50-60Hz	£35,447.31
VXA650S-4E	355kW 650 Amp 475 HP 380-480V 3ph 50-60Hz	£37,349.36
VXA740S-4E	400kW 740 Amp 530 HP 380-480V 3ph 50-60Hz	£49,453.32
VXA960S-4E	500kW 960 Amp 670 HP 380-480V 3ph 50-60Hz	£53,026.87
VXA1170S-4E	630kW 1170 Amp 840 HP 380-480V 3ph 50-60Hz	POA
VXA1370S-4E	710kW 1370 Amp 950 HP 380-480V 3ph 50-60Hz	POA

IMO STARLINE CATALOGUE 2019

Single & Three Phase Power Supplies Universal Input Voltage, High Efficiency, DIN Rail Mountable

DPS-1 Single Phase PSU



Part Number	Description	Price
<i>Plastic Body</i>		
DPS-1-015-5DC	90-264VAC 3 Amp 15W 5VDC	£35.73
DPS-1-018-12DC	90-264VAC 1.5 Amp 18W 12VDC	£35.73
DPS-1-018-24DC	90-264VAC 0.75 Amp 18W 24VDC	£35.73
DPS-1-030-5DC	85-264VAC 6 Amp 30W 5VDC	£40.92
DPS-1-030-12DC	85-264VAC 2.5 Amp 30W 12VDC	£40.92
DPS-1-030-24DC	85-264VAC 1.25 Amp 30W 24VDC	£40.75
DPS-1-030-48DC	85-264VAC 0.625 Amp 30W 48VDC	£40.92
DPS-1-050-5DC	85-264VAC 10 Amp 50W 5VDC	£54.44
DPS-1-060-12DC	85-264VAC 5 Amp 60W 12VDC	£54.44
DPS-1-060-24DC	85-264VAC 2.5 Amp 60W 24VDC	£42.12
DPS-1-060-48DC	85-264VAC 1.25 Amp 60W 48VDC	£54.44
<i>Metal Body</i>		
DPS-1-100-12DC	115/230VAC 8.4 Amp 100W 12VDC	£83.05
DPS-1-100-24DC	115/230VAC 4.2 Amp 100W 24VDC	£83.05
DPS-1-100-48DC	115/230VAC 2.1 Amp 100W 48VDC	£83.05
DPS-1-120-12DC	115/230VAC 10 Amp 120W 12VDC	£81.02
DPS-1-120-24DC	115/230VAC 5 Amp 120W 24VDC	£73.58
DPS-1-120-48DC	115/230VAC 2.5 Amp 120W 48VDC	£81.02
DPS-1-240-24DC	115/230VAC 10 Amp 240W 24VDC	£110.47
DPS-1-240-48DC	115/230VAC 5 Amp 240W 48VDC	£110.47
DPS-1-300-24DC	115/230VAC 12.5 Amp 300W 24VDC	£110.47
DPS-1-300-48DC	115/230VAC 6.25 Amp 300W 48VDC	£110.47
DPS-1-480-24DC	115/230VAC 20 Amp 480W 24VDC	£161.94
DPS-1-480-48DC	115/230VAC 10 Amp 480W 48VDC	£161.94

DPS-3 Three Phase PSU



Part Number	Description	Price
<i>Metal Body</i>		
DPS-3-120-12DC	340-575VAC 10 Amp 120W 12VDC	£94.52
DPS-3-120-24DC	340-575VAC 5 Amp 120W 24VDC	£94.52
DPS-3-240-24DC	340-575VAC 10 Amp 240W 24VDC	£130.26
DPS-3-240-48DC	340-575VAC 5 Amp 240W 48VDC	£130.26
DPS-3-480-24DC	340-575VAC 20 Amp 480W 24VDC	£191.36
DPS-3-480-48DC	340-575VAC 10 Amp 480W 48VDC	£191.36
DPS-3-960-24DC	340-575VAC 40 Amp 960W 24VDC	£328.54
DPS-3-960-48DC	340-575VAC 20 Amp 960W 48VDC	£328.54

BPS-1 Single Phase Slimline PSU



Part Number	Description	Price
<i>Plastic Body</i>		
BPS-1-15-12DC	90-264VAC 127-370VDC 1.2 Amp 15W 12VDC	£23.75
BPS-1-30-12DC	90-264VAC 127-370VDC 2.5 Amp 30W 12VDC	£29.70
BPS-1-15-24DC	90-264VAC 127-370VDC 0.65 Amp 15W 24VDC	£23.75
BPS-1-30-24DC	90-264VAC 127-370VDC 1.3 Amp 30W 24VDC	£23.75
<i>Metal Body</i>		
BPS-1-60-12DC	90-264VAC 127-370VDC 5 Amp 60W 12VDC	£41.59
BPS-1-100-12DC	90-264VAC 127-370VDC 8 Amp 100W 12VDC	£53.49
BPS-1-70-24DC	90-264VAC 127-370VDC 3 Amp 70W 24VDC	£41.59
BPS-1-120-24DC	90-264VAC 127-370VDC 5 Amp 120W 24VDC	£53.49
BPS-1-180-24DC	90-264VAC 127-370VDC 7.5 Amp 180W 24VDC	£95.08
BPS-1-240-24DC	90-264VAC 127-370VDC 10 Amp 240W 24VDC	£100.98

MPS-1 Single Phase Modular PSU



Part Number	Description	Price
<i>Plastic Body</i>		
MPS-1-007-5DC	90-264VAC 1.5 Amp 7.5W 5DC	£23.06
MPS-1-015-5DC	90-264VAC 3 Amp 15W 5DC	£29.98
MPS-1-022-5DC	90-264VAC 4.5 Amp 22W 5DC	£35.73
MPS-1-035-5DC	90-264VAC 7 Amp 35W 5DC	£40.35
MPS-1-060-5DC	90-264VAC 12 Amp 60W 5DC	£54.18
MPS-1-010-12DC	90-264VAC 0.83 Amp 10W 12DC	£23.06
MPS-1-024-12DC	90-264VAC 2 Amp 24W 12DC	£29.98
MPS-1-033-12DC	90-264VAC 2.75 Amp 33W 12DC	£35.73
MPS-1-054-12DC	90-264VAC 4.5 Amp 54W 12DC	£40.35
MPS-1-072-12DC	90-264VAC 6 Amp 72W 12DC	£54.18
MPS-1-010-24DC	90-264VAC 0.42 Amp 10W 24DC	£23.06
MPS-1-024-24DC	90-264VAC 1 Amp 24W 24DC	£29.98
MPS-1-036-24DC	90-264VAC 1.5 Amp 36W 24DC	£35.73
MPS-1-060-24DC	90-264VAC 2.5 Amp 60W 24DC	£41.50
MPS-1-100-24DC	90-264VAC 4.8 Amp 100W 24DC	£54.18

Level Detection

DIN Rail Mountable Level Monitoring of Conductive Liquids

Fluid Level Monitoring Relay



On Delay & Off Delay
Multifunction
Width 35mm



Part Number	Description	Price
WLC-230VAC	230VAC 1250VA AC1 @ 250VAC	£56.81

Probe for Level Monitoring



Fully Insulated Stainless Steel
Operating Temperatures
Up To 60°C



Part Number	Description	Price
SK1-140	Insulated Probe 1 x 140mm	£19.94

Capacitive & Ultrasonic Sensors

Capacitive Sensors



IP67 Rated



Part Number	Description	Price
C18P/BP-1A	Cap. Sensor M18 8mm AC	£87.07
C18P/A0-1E	Cap. Sensor M18 8mm AC	£106.52
C30P/00-1E	Cap. Sensor M30 16mm AC SCR	£129.16
C30M/00-1E	Cap. Sensor M30 16mm AC SCR SS Body	£122.60

Ultrasonic Sensors



IP67 Rated



Part Number	Description	Price
UK1C/G1-0E	Ultrasonic Sensor 0.9m 0-10V	£188.91
UK1D/G1-0E	Ultrasonic Sensor 1.6m 0-10V	£200.71
UK1D/G2-0E	Ultrasonic Sensor 1.5m 4-20mA	£200.71

IMO STARLINE CATALOGUE 2019

Photoelectric Sensors Infrared, Visible Red LED & Red Laser Models

QD Miniature Sensors



Dimensions: 21 x 31.2 x 12.8mm
IP67 Rated



Part Number	Description	Price
QDRP1/0P-0F	Polarized-Retro 5m PNP	£53.86
QDID4/0P-0F	Diffuse Reflection 1.5m PNP	£55.29
QDRP1/0N-0F	Polarized-Retro 5m NPN	£53.86
QDID4/0N-0F	Diffuse Reflection 1.5m NPN	£55.29
QDIP2/0P-0A	Polarized-Retro 7m PNP	£53.86
QDRBS/0P-0F	Diffuse Reflection 0.1m PNP BGS	£62.82
QDIBS/0P-0F	Diffuse Reflection M8 Plug PNP BGS	£65.34
QDRCM1/0P-0F	Polarized-Retro M8 Plug PNP	£62.82
QDRD2/0P-0F	Diffuse Reflection M8 Plug PNP	£62.82
QDRE/00-0F	Through-Beam Emitter M8 Plug	£39.69
QDRER/0N-0F	Through-Beam TX & RX M8 Plug NPN	£82.57
QDRR/0N-0F	Through-Beam Receiver M8 Plug NPN	£44.06

NOTE: BGS = Background Suppression

M18 Barrel Photoelectric Sensors



FA: IP67 Rated
FF: IP67, IP68 & IP69K



Part Number	Description	Price
FAI7/BP-0E	Diffuse Infrared 0.4m PNP	£74.47
FAI4/BP-0E	Diffuse Infrared 0.2m PNP	£64.20
FAIC/BP-0E	Retro-Reflective Infrared 4m PNP	£74.47
FAIH/00-0E	Through Beam-Emitter Infrared	£34.50
FAID/0P-0E	Through Beam-Receiver Infrared 20m PNP	£65.75
FFI7/BP-1E	Diffuse 0.4m PNP*	£74.48
FFI8/BP-1E	Diffuse 0.8m PNP*	£77.91
FFIH/00-1E	Through-Beam Emitter*	£55.11
FFIZ/BN-1E	Through-Beam Receiver 20m NPN*	£57.12
FFIZ/BP-1E	Through-Beam Receiver 20m PNP*	£57.12
FFRL/BP-1E	Polarized-Retro 1m PNP*	£81.09
FFRN/BP-1E	Polarized-Retro 4m PNP*	£81.09
Red Laser Models		
FAL4/BP-1E	Diffuse Reflection PNP Sn=300mm Adjustable*	£137.90
FALD/BN-1E	Through-Beam Receiver Sn=50m Adjustable*	£46.73
FALD/BP-1E	Through-Beam Receiver PNP Sn=50m Adjustable*	£48.88
FALD/BP-3E	Through-Beam Receiver PNP Sn=50m Adjustable 90° Optic*	£61.97
FALH/X0-0E	Through-Beam Emitter With Check Input**	£95.23
FALH/X0-1E	Through-Beam Emitter With Check Input*	£100.09
FALN/BN-0E	Polarized-Retro Reflective NPN Sn=35m Adj.**	£136.10
FALN/BN-1E	Polarized-Retro Reflective NPN Sn=35m Adjustable*	£137.90
FALN/BN-3E	Polarized-Retro Reflective NPN Sn=35m Adjustable 90° Optic*	£155.51
FALN/BP-0E	Polarised Retro Reflective PNP Sn=35m Adjustable**	£142.36
FALN/BP-1E	Polarized-Retro Reflective PNP Sn=30m*	£137.90
FALN/BP-3E	Polarized-Retro Reflective PNP Sn=30m 90° Optic*	£148.67

* Metal body ** PBT body

Compact Photoelectric Sensors



Dimensions: 50 x 50 x 17mm
IP67 Rated



Part Number	Description	Price
SQE/0A20-C	Through-beam Emitter 20m AC	£51.59
SQG/B00.5-P	Diffuse 0.5m DC Background Suppression	£118.18
SQP/C06-C	Polarized Retro 6m AC SPDT RLY	£85.84
SQR/C020-C	Through-beam Receiver 20m AC SPDT RLY	£76.30
SQD/B01-C	Diffuse Sn= 1000mm	£55.54
SQD/B01-P	Diffuse Sn= 1000mm	£63.15
SQD/B02-C	Diffuse Sn= 2000mm	£57.21
SQD/B02-P	Diffuse Sn= 2000mm	£64.82
SQD/C01-C	Diffuse Sn= 1000mm	£76.56
SQD/C02-C	Diffuse Sn= 2000mm	£78.23
SQE/0D20-C	Through-beam Emitter Sn=20m	£42.21
SQE/0D20-P	Through-beam Emitter Sn=20m	£49.84
SQG/B00.5-C	Diffuse BS Sn= 120mm to 500mm	£110.56
SQP/B06-C	Polarized Retro Sn=6m	£64.91
SQP/B06-P	Polarized Retro Sn=6m	£72.54
SQR/B020-C	Through-beam Receiver Sn=20m	£51.50
SQR/B020-P	Through-beam Receiver Sn=20m	£59.12

Photoelectric Area Sensors



IP67 Rated



Part Number	Description	Price
Throughbeam Models		
BX80A/1P-0H	Area Sensor Receiver 2m PNP	£253.10
BX80S/10-0H	Area Sensor Emitter 2m	£212.61
BX80A/1P-1H	Area Sensor Receiver 2m PNP Aluminium Body	£389.29
BX80A/5P-0H	Area Sensor Receiver 0.25m PNP	£279.03
BX80S/50-0H	Area Sensor Emitter 0.25m	£274.34
BX80S/10-1H	Area Sensor Emitter 2m Aluminium Body	£345.94
BX80S/10-1A	Area Sensor Emitter 2m with 2m Cable	£353.04
Retroreflective Models		
ASPRO/0B-1T	Area Sensor M12 Pigtail DC NO/NC PNP +NPN	£160.71
ASPRO/0I-1T	Area Sensor M12 Pigtail DC IO Link	£160.71
ASPRO/0T-1T	Area Sensor M12 Pigtail DC NO/NC Push Pull	£160.71
ASPRO/0N-1T	Area Sensor M12 Pigtail DC NO+NC NPN	£160.71

Proximity Sensors

Shielded & Unshielded, Standard & Long Sensing Range Versions

Standard Distance PB Series



IP67 Rated, LED Indication
M12 Plug Exit



Part Number	Description	Price
<i>Shielded Type</i>		
PB0801/DSAP-H	M8 PNP 1.5mm Range 66mm Length	£31.69
PB1202/DSAP-H	M12 PNP 2mm Range 71mm Length	£18.81
PB1805/DSAP-H	M18 PNP 5mm Range 62mm Length	£31.69
PB3010/DSAP-H	M30 PNP 10mm Range 68mm Length	£39.20
<i>Unshielded Type</i>		
PB0802/DUAP-H	M8 PNP 2mm Range 71mm Length	£33.63
PB1204/DUAP-H	M12 PNP 4mm Range 70mm Length	£29.64
PB1808/DUAP-H	M18 PNP 8mm Range 70.5mm Length	£33.63
PB3015/DUAP-H	M30 PNP 15mm Range 81mm Length	£57.24

Long Distance PB Series



IP67 Rated, LED Indication
M12 Plug Exit



Part Number	Description	Price
<i>Shielded Type</i>		
PB0801/DSAP-H	M8 PNP 2mm Range 66mm Length	£31.69
PB1204/DSAP-H	M12 PNP 4mm Range 65mm Length	£31.86
PB1808/DSAP-H	M18 PNP 8mm Range 62mm Length	£33.63
PB3015/DSAP-H	M30 PNP 15mm Range 68mm Length	£57.24
<i>Unshielded Type</i>		
PB0804/DUAN-H*	M8 NPN 4mm Range 50mm Length	£39.58
PB1207/DUAP-H	M12 PNP 7mm Range 70mm Length	£31.86
PB1812/DUAP-H	M18 PNP 12mm Range 70.5mm Length	£34.45
PB3015/DUAP-H	M30 PNP 22mm Range 81mm Length	£57.24

* 2m Cable Exit. Most devices are available as pre-cabled, or with M12 connector.

Miniature Inductive AA Series



IP67 Rated, LED Indication
Cable or Plug Exit



Part Number	Description	Price
AA1/AN-1A	3mm Dia. Shielded PUR Cable 2m DC NO NPN Sn=0.6mm	£51.21
AA1/AP-1A	3mm Dia. Shielded PUR Cable 2m DC NO PNP Sn=0.6mm	£51.21
AA1/CN-1A	3mm Dia. Shielded PUR Cable 2m DC NC NPN Sn=0.6mm	£51.21
AA1/CP-1A	3mm Dia. Shielded PUR Cable 2m DC NC PNP Sn=0.6mm	£51.21
AA1/AP-3A	3mm Dia. Shielded PUR Cable 2m DC NO PNP Sn=1mm	£59.93
AA1/CN-3A	3mm Dia. Shielded PUR Cable 2m DC NC NPN Sn=1mm	£59.93

Miniature Inductive AC Series



IP67 Rated, LED Indication
Cable or Plug Exit



Part Number	Description	Price
AC1/AN-1A	4mm Dia. Shielded Cable 2m DC NO NPN Sn=0.8mm	£40.55
AC1/AN-1F	4mm Dia. Shielded M8 Plug 3 Pole DC NO NPN Sn=0.8mm	£47.76
AC1/AN-3A	4mm Dia. Shielded Cable 2m DC NO NPN Sn=1.5mm	£45.94
AC1/AN-3F	4mm Dia. Shielded M8 Plug 3 Pole DC NO NPN Sn=1.5mm	£53.14
AC1/AP-1A	4mm Dia. Shielded Cable 5m DC NO PNP Sn=0.8mm	£40.55
AC1/AP-1F	4mm Dia. Shielded M8 Plug 3 Pole DC NO PNP Sn=0.8mm	£43.58
AC1/AP-3A	4mm Dia. Shielded Cable 5m DC NO PNP Sn=1.5mm	£45.94
AC1/AP-3F	4mm Dia. Shielded M8 Plug 3 Pole DC NO PNP Sn=1.5mm	£48.95
AC1/CN-1A	4mm Dia. Shielded Cable 2m DC NC NPN Sn=0.8mm	£42.92
AC1/CN-1F	4mm Dia. Shielded M8 Plug 3 Pole DC NC NPN Sn=0.8mm	£47.76
AC1/CP-1A	4mm Dia. Shielded Cable 2m DC NC PNP Sn=0.8mm	£42.92
AC1/CP-1F	4mm Dia. Shielded M8 Plug 3 Pole DC NC PNP Sn=0.8mm	£47.76

We can supply many different configurations and styles, so if you don't see what you are looking for here, refer to www.imopc.com or contact IMO for more information and pricing.

Standard Distance AD Series



IP67 Rated, LED Indication
Cable or Plug Exit



Part Number	Description	Price
AD1/AP-1A	M5 Shielded Cable 2m DC NO PNP Sn=0.8mm	£39.04
AD1/AP-1F	M5 Shielded M8 Plug 3 Pole DC NO PNP Sn=0.8mm	£43.11
AD1/AN-1A	M5 Shielded Cable 2m DC NO NPN Sn=0.8mm	£40.39
AD1/AN-1F	M5 Shielded M8 Plug 3 Pole DC NO NPN Sn=0.8mm	£47.05
AD1/CN-1A	M5 Shielded Cable 2m DC NC NPN Sn=0.8mm	£42.61
AD1/CN-1F	M5 Shielded M8 Plug 3 Pole DC NC NPN Sn=0.8mm	£47.05
AD1/CP-1A	M5 Shielded Cable 2m DC NC PNP Sn=0.8mm	£42.61
AD1/CP-1F	M5 Shielded M8 Plug 3 Pole DC NC PNP Sn=0.8mm	£47.05

IMO STARLINE CATALOGUE 2019

Limit Switches

8 Body Styles With Numerous Contact Blocks & Actuators

Compact Plastic Body Limit Switches



IP67 Rated



Part Number	Description	Price
<i>Single Conduit Entry</i>		
LRC5A01	Short Piston Plunger	£13.26
LRC5A02	One-Way Roller (Top Actuated)	£14.67
LRC5A05	One-Way Roller (Side Actuated)	£14.67
LRC5A07	One-Way Roller (Adjustable)	£15.31
LRC5A08	Piston Plunger (Sealed)	£13.49
LRC5A10	M12 Piston Plunger	£15.76
LRC5A13	M18 Piston Plunger	£15.99
LRC5A15	11mm Roller Plunger	£15.31
LRC5A20	Coil Spring & Rod (Sealed)	£14.64
LRC5A21	Cats Whisker	£15.31
LRC5A25	Coiled Spring (Sealed)	£16.27
LRC5A31	Roller Lever	£16.27
LRC5A33	Lever Rod (Square)	£16.27
LRC5A50	Lever Rod (Round)	£17.06
LRC5A51	Large Offset Roller Lever	£16.62
LRC5A52	Roller Lever Long	£16.62
LRC5A54	Offset Roller Lever	£16.62
LRC5A55	Adjustable Roller Lever	£17.08
LRC5A69	Lever Rod (Glass Fibre)	£14.52
<i>Double Conduit Entry</i>		
LXC5A01	Short Piston Plunger	£14.22
LXC5A02	One-Way Roller (Top Actuated)	£16.17
LXC5A05	One-Way Roller (Side Actuated)	£15.67
LXC5A07	One-Way Roller (Adjustable)	£18.42
LXC5A08	Piston Plunger (Sealed)	£15.38
LXC5A13	M18 Piston Plunger	£19.24
LXC5A15	11mm Roller Plunger	£15.56
LXC5A20	Coil Spring & Rod (Sealed)	£17.06
LXC5A21	Cats Whisker	£17.12
LXC5A25	Coiled Spring (Sealed)	£18.40
LXC5A31	Roller Lever	£17.35
LXC5A33	Lever Rod (Square)	£18.75
LXC5A50	Lever Rod (Round)	£18.73
LXC5A51	Large Offset Roller Lever	£17.60
LXC5A52	Roller Lever Long	£18.20
LXC5A54	Offset Roller Lever	£17.60
LXC5A55	Adjustable Roller Lever	£18.71
LXC5A69	Lever Rod (Glass Fibre)	£18.75

Compact Metal Body Limit Switches



IP67 Rated



Part Number	Description	Price
<i>Single Conduit Entry</i>		
LMC5A01	Short Piston Plunger	£17.08
LMC5A02	One-Way Roller (Top Actuated)	£17.72
LMC5A05	One-Way Roller (Side Actuated)	£18.49
LMC5A07	One-Way Roller (Adjustable)	£19.11
LMC5A08	Piston Plunger (Sealed)	£17.87
LMC5A13	M18 Piston Plunger	£22.67
LMC5A15	11mm Roller Plunger	£19.11
LMC5A20	Coil Spring & Rod (Sealed)	£18.27
LMC5A21	Cats Whisker	£18.49
LMC5A25	Coiled Spring (Sealed)	£20.17
LMC5A31	Roller Lever	£20.17
LMC5A33	Lever Rod (Square)	£20.68
LMC5A50	Lever Rod (Round)	£19.95
LMC5A51	Large Offset Roller Lever	£20.44
LMC5A52	Roller Lever Long	£22.01
LMC5A54	Offset Roller Lever	£20.44
LMC5A55	Adjustable Roller Lever	£20.88
LMC5A69	Lever Rod (Glass Fibre)	£22.57

Standard Metal Body Limit Switches



IP67 Rated



Part Number	Description	Price
<i>Single Conduit Entry</i>		
LDC5A35	Adjustable Roller Lever	£29.65
LDC5A25	Sealed Coiled Spring	£22.73
LDC5A31-1	Steel Roller Lever With Offset	£28.58
LDC5A31	Roller Lever With Offset	£35.98
LDC5A41	Two Stable Positions, 1 Track	£32.88
LDC5A05	One Way Roller Side Actuation	£19.92
LDC5A20	Sealed Coil Spring + Rod	£20.77
LDC5A10	Sealed Piston Plunger	£19.48

Safety Limit Switches

8 Body Styles With Numerous Contact Blocks & Actuators

Standard Metal Body Limit Switches



IP67 Rated



Part Number	Description	Price
LDC18MR-F120	90° Key NO NC Controlled by Lock Metal Body	£54.93
LDC6JK-F1	90° Actuator NO+NC Metal Body	£37.82
LDC6JK-F2	Flat Actuator NO+NC Metal Body	£42.24
LDC9JK-F	Flat Actuator 2NC Metal Body	£39.13
LDC9R2-F120	90° Key 2NC w/Delayed Key Metal Body	£46.70
LDC20R2-F	Flat Actuator NO+2NC w/Delayed Key Metal Body	£56.39
LDC20R2-F1	90° Key NO+2NC w/Delayed Key Metal Body	£56.39
LPC9R2-F1	90° Key 2NC w/Delayed Release Plastic Body	£42.57

Metal Body Rope Switches



IP67 Rated



Part Number	Description	Price
LDC18RRL	NO+NC 90° Head to Left + Reset	£45.31
LDC18RRR	NO+NC 90° Head to Right + Reset	£45.31
LDC18RRS	NO+NC Head Straight + Reset	£28.52
LDC20RRS	NO+2NC Slow Action BBM + Reset	£31.44
LDC9RRL	2NC Head 90° to Left + Reset	£47.09
LDC9RRR	2NC Head 90° to Right + Reset	£47.09
LDC9RRS	2NC Head Straight + Reset	£31.70
LLC9RRS	2NC + Reset	£29.35

Solenoid Door Interlock



IP67 Rated



Part Number	Description	Price
LGMSAS1D0Z-F28	24VAC/DC Univ Ac. NO+NC NO+NC On to Release	£198.37
LGMSAS1EOZ	24AC/DC No Act NO+NC, NO+NC Off to Release	£210.29
LGMSAS1E3Z	12VDC No Act NO+NC NO+NC Off to Release	£210.29
LGMSPS1E0A	24VAC/DC No Act NC 3NC Off to Release 2LED	£225.77
PSC1860F120-F	120VA/DC Flat Act NO+NC On to Release	£140.50
PSC2060F024-F	24VAC/DC Flat Act NO+2NC On to Release	£142.67
PSC2060F024-F1	24VAC/DC 90° Act NO+2NC On to Release	£142.67
PSC2060F024-F2	24VAC/DC Flex Act NO+2NC On to Release	£148.06
PSC2060F024-F3	24VAC/DC Adj Act NO+2NC On to Release	£148.06
PSC2060N024-F	24VAC/DC Flat Act NO+2NC Off to Release	£142.67
PSC2060N024-F1	24VAC/DC 90° Act NO+2NC Off to Release	£142.67
PSC2860F024-F1	24VAC/DC 90° Act NC NO+NC On to Release/Key	£142.67
PSC2860N024-F3	24VAC/DC Adj Act NC NO+NC Off to Release	£148.40
PSC2960F024-F3	24VAC/DC Adj Act NC 2NC On to Release	£133.92
PSC2960F120-F320	120VA/DC Adj Act NC 2NC On to Release	£140.08
PSC3060F024-F7	24VAC/DC Jointed Act 2NC NC On to Release	£139.76
PSC3060N024-F1	24VAC/DC 90° Act 2NC NC Off to Release	£136.32

Compact Plastic Door Interlock



IP67 Rated



Part Number	Description	Price
LRC18CH	Hinge Operated NO+NC Slow Action	£29.90
LRC20JK	No Actuator NO+2NC Slow Action	£32.64
LRC20JK-D	Flat Actuator NO+2NC Slow Action	£33.79
LRC20JK-D2	Flexible Actuator NO+2NC Slow Action	£33.79
LRC6JK-D	Flat Actuator NO+NC Slow Action	£27.82
LRC6JK-D1	90° Actuator NO+NC Slow Action	£27.82
LRC6JK-D2	Flexiable Actuator NO+NC Slow Action	£27.82
LRC6JK-DX70	Flat Actuator NO+NC Slow Action M12 Plug	£34.05
LRC6JK-D1X70	90° Actuator NO+NC Slow Action M12 Plug	£34.06
LRC9JK	Without Key 2NC	£27.54
LRC9JK-D	Flat Actuator 2NC	£29.43
LRC9JK-D1	90° Actuator 2NC	£28.14
LRC9JK-D3	Adjustable Act 2NC	£29.43
LWC33DK-20	No Act NO+NC Slow Action 2xM20 Entry	£27.38
LRC18CH-L6	Hinge Operated NO+ NC & 120.5mm Solid Shaft	£26.85



IMO STARLINE CATALOGUE 2019

iSmart Intelligent Relays & Accessories Cost-Effective Programmable Controllers for Process Automation Applications

iSmart Base Units with screen



Part Number	Description	Price
SMT-EA-R10-V3	Smart Relay + HMI AC 6DI 4RO	£93.01
SMT-EA-R20-V3	Smart Relay + HMI AC 12DI 8RO	£144.86
SMT-ED-R12-V3	Smart Relay + HMI DC 8DI 4RO	£85.38
SMT-ED-R20-V3	Smart Relay + HMI DC 12DI 8RO	£135.71
SMT-ED12-R12-V3	Smart Relay + HMI 12DC 8DI 4RO	£87.51

iSmart Base Units with RS485



Part Number	Description	Price
SMT-CD-R20-V3	Smart Relay + HMI AC 12DI 8RO RS485	£154.74

iSmart Base Units without screen



Part Number	Description	Price
SMT-BA-R10-V3	Smart Relay AC 6DI 4RO	£77.76
SMT-BA-R20-V3	Smart Relay AC 12DI 8RO	£130.74
SMT-BD-R12-V3	Smart Relay DC 8DI 4RO	£70.14
SMT-BD-R20-V3	Smart Relay DC 12DI 8RO	£132.63

Accessories & Expansion



Part Number	Description	Price
SMT-MA-R8	I/O Expansion 100-240VAC 4DI 4RO	£59.47
SMT-MD-R8	I/O Expansion 24VDC 4DI 4RO	£54.88
SMT-MD-T8	I/O Expansion 24VDC 4DI 4TO*	£57.94
SMT-MD-4AI	I/O Expansion 24VDC 4AI	£160.36
SMT-4PT	I/O Expansion 24VDC 4PT100	£160.36
SMT-2AO	I/O Expansion 24VDC 2AO	£160.36
PC501	USB to Serial Adaptor	£51.16
SMT-USB	USB Programming Cable	£63.69
SMT-PC03	Programming Cable	£27.45
SMT-PM04-V3	32k Flash Memory Expansion	£10.67

For the complete range of
Intelligent Relays,
go to www.imopc.com
and download the catalogue



Solutions with you in mind

iView Advanced HMI & Accessories

Available in 5 screen sizes, all with over 480 industry protocols included as standard

iView Advanced HMI E Series



Part Number	Description	Price
IV204E-SOCP	iView HMI with 4.3" Colour HMI Screen	£215.48
IV204E-SECP	iView HMI with 4.3" Colour HMI Screen	£295.08
IV207E-SECP	iView HMI with 7" Colour HMI Screen	£377.25
IV210E-SECP	iView HMI with 10.1" Colour HMI Screen	£1,014.44

iView Advanced HMI M Series



Part Number	Description	Price
IV204M-SEAP	iView HMI with 4.3" Colour HMI Screen	£368.89
IV207M-SEAP	iView HMI with 7" Colour HMI Screen	£443.81
IV210M-SEAP	iView HMI with 10.1" Colour HMI Screen	£1,268.04
IV212M-SEAA	iView HMI with 12.1" Colour HMI Screen	£1,564.81
IV215M-SEAA	iView HMI with 15.0" Colour HMI Screen	£2,178.71

iView Advanced HMI H Series



Part Number	Description	Price
IV07H-SEAA	iView HMI with 7.0" Colour HMI Screen	£864.57
IV10H-SEAA	iView HMI with 10.4" Colour HMI Screen	£1,498.59
IV12H-SEAA	iView HMI with 12.1" Colour HMI Screen	£1,901.51
IV15H-SEAA	iView HMI with 15.0" Colour HMI Screen	£2,881.90

Accessories

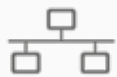


Part Number	Description	Price
MSD-16GB	16GB microSD™ Card	£22.60
SMTIV-RS232	iView to iSmart Communication Cable	£18.28

See The Difference with the iView Advanced HMI



Ingress Protection for Dust Proofing and Water Resistance



Integral Ethernet Port for remote connectivity



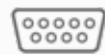
Plug in power terminal for easyfit



FTP file transfer functionality allowing remote download



Aluminium bezel available on selected models



3 Integral Serial Ports including 1 x Screwless



microSD™ card storage for Data Logging



2 Integral USB Ports - 1 x USB A, 1 x USB B



Over 480 industry protocols as standard

IMO's updated range of iView HMI's are available in five touch screen sizes 4.3", 7.0", 10.4", 12.1" and 15.0". The HMI range options include the IP65 rated E Series for basic applications, the IP66 rated M Series models for medium range applications and IP66 rated H Series models with higher capability for more demanding applications. 2nd generation models are now available with even greater specifications including MQTT messenger functionality.



IMO STARLINE CATALOGUE 2019

i³ Intelligent Control Station & Accessories Integrated PLC, HMI and Openbus communications in one handy unit

i³AX Intelligent Control Station



Part Number	Description	Price
I3AX12X/10B04-SEHF	12DI, 12DO, 2AI, Ethernet, Mini USB	£495.63
I3AX12X/10D03-SEHF	12DI, 6RO, 4AI, Ethernet, Mini USB	£533.47
I3AX12X/10E24-SEHF	12DI, 12DO, 6UAI, 4AO Ethernet, Mini USB	£801.54
I3AX12X/13C14-SEHF	12DI, 12DO, 2UAI, 2AO, Ethernet, Mini USB	£620.15
I3AX12X/20B05-SEHF	24DI, 16DO, 2AI, Ethernet, Mini USB	£446.80

i³BX Intelligent Control Station



Part Number	Description	Price
I3BX12Y/10D03-SEHF	12DI, 6RO, 4AI, Ethernet, Mini USB	£582.30
I3BX12Y/10E24-SEHF	12DI, 12DO, 6UAI, 4AOE Ethernet, Mini USB	£894.63
I3BX12Y/13C14-SEHF	12DI, 12DO, 2UAI, 2AO, Ethernet, Mini USB	£711.72
I3BX12Y/20B05-SEHF	24DI, 6RO, 2AI, Ethernet, Mini USB	£611.61

i³CX Intelligent Control Station



Part Number	Description	Price
I3CX12Z/10D03-SEHF	i ³ CX 12DI, 6DO (Relay), 4AI	£1,190.26
I3CX12Z/20B05-SEHF	i ³ CX 24DI, 16DO, 2AI	£1,289.13
I3CX12Z/13C14-SEHF	i ³ CX 12DI, 12DO, 2UAI*, 2AO	£1,392.90
I3CX12Z/10E24-SEHF	i ³ CX 12DI, 12DO, 6UAI*, 4AO	£2,066.44
I3CX12Z/00000-SEHF	i ³ CX without I/O	£1,049.87

i³CMini Intelligent Control Station



Part Number	Description	Price
I3CM12Y/10B04-SEHF	i ³ CM 12DI, 12DO, 2AI	£971.02
I3CM12Y/10D03-SEHF	i ³ CM 12DI, 6DO (Relay), 3AI	£904.74
I3CM12Y/13C14-SEHF	i ³ CM 12DI, 12DO, 2UAI*, 2AO	£1,136.67
I3CM12Y/20B05-SEHF	i ³ CM 24DI, 16DO, 2AI	£1,027.09
I3CM12Y/00000-SEHF	i ³ CM without I/O	£853.77
I3CM12Y/10E24-SEHF	i ³ CM 12DI, 12DO, 6UAI*, 4AO	£1,478.45

i³DX Intelligent Control Station



Part Number	Description	Price
I3DX12Z/10D03-SEHF	i ³ DX 12DI, 6DO (Relay), 4AI	£2262.78
I3DX12Z/13C14-SEHF	i ³ DX 12DI, 12DO, 2UAI*, 2AO	£2482.27
I3DX12Z/10E24-SEHF	i ³ DX 12DI, 12DO, 6AI, 4AO	£2874.21
I3DX12Z/20B05-SEHF	i ³ DX 24DI, 16DO, 2AI	£2369.92
I3DX12Z/00000-SEHF	i ³ DX without I/O	£2111.24

i³E Intelligent Control Station



Part Number	Description	Price
I3E14Z/10B04-SEHF	i ³ E 12DI, 12DO, 2AI	£1676.40
I3E14Z/10D03-SEHF	i ³ E 12DI, 6DO (Relay), 4AI	£1611.92
I3E14Z/13C14-SEHF	i ³ E 12DI, 12DO, 2UAI*, 2AO	£1851.07
I3E14Z/20B05-SEHF	i ³ E 24DI, 16DO, 2AI	£1725.72
I3E14Z/00000-SEHF	i ³ E without I/O	£1439.07
I3E14Z/10E24-SEHF	i ³ E 12DI, 12DO, 6UAI*, 4AO	£2304.31

Accessories



Part Number	Description	Price
I3-MA-25G	Quadband GSM Modem with Antenna	£384.10
I3-MA-30G	Global GSM Modem with Antenna	£525.31
I3PC45	Programming Cable	£19.67
PC501	USB to Serial Adaptor	£51.16
I3-PS	Profibus Slave Expansion	£271.30

XGB Programmable Logic Controllers & Accessories

Compact design, increased functionality & high speed processing

XBM PLC



Part Number	Description	Price
XBM-DR16S	8 DI, 8 RO (2A), 24 VDC	£218.25
XBM-DN32S ⁽¹⁾	16 DI, 16 DO (0.2A), 24 VDC	£276.12

⁽¹⁾ Please contact IMO in order to correctly specify the required breakout cable and terminal blocks.

XBM Common Technical Specification

Supply Voltage	24 VDC
Relay Output Rating	2A Resistive
Transistor Output Rating	0.2A / point
Program Capacity	10k Steps
Max I/O Points	240/256
Analogue Input Resolution ⁽²⁾	14 bit
Analogue Output Resolution ⁽³⁾	14 bit
PID Control	Yes
Programming Languages	Ladder
High Speed Inputs	Yes
Positioning	Yes

⁽²⁾ Model dependant

⁽³⁾ When using analogue expansion units

XEC PLC



Part Number	Description	Price
XEC-DR32H	16 DI, 16 RO (2A), 100-240 VAC	£436.49
XEC-DR32H/DC-E ⁽¹⁾	16 DI, 16 RO (2A), 24 VDC	£436.49
XEC-DR64H	32 DI, 32 RO (2A), 100-240 VAC	£596.87
XEC-DR64H/DC-E ⁽¹⁾	32 DI, 32 RO (2A), 24 VDC	£596.87

NOTE: Please contact IMO to order transistor output versions

⁽¹⁾ E-marked versions for 12V vehicle applications

XBC Common Technical Specification

Supply Voltage	24 VDC or 100-240 VAC
Relay Output Rating	2A Resistive
Transistor Output Rating	0.5A / point
Program Capacity	15k Steps
Max I/O Points	352/384
Analogue Input Resolution ⁽²⁾	14 bit
Analogue Output Resolution ⁽³⁾	14 bit
PID Control	Yes
Programming Languages	IEC 61131
High Speed Inputs	Yes
Positioning	Yes

⁽²⁾ Model dependant

⁽³⁾ When using analogue expansion units

XBC PLC



Part Number	Description	Price
XBC-DR32H	16 DI, 16 RO (2A), 100-240 VAC	£436.49
XBC-DR64H	32 DI, 32 RO (2A), 100-240 VAC	£596.87
XBC-DR32H/DC	16 DI, 16 RO (2A), 24 VDC	£436.49
XBC-DR64H/DC	32 DI, 32 RO (2A), 24 VDC	£596.87

NOTE: Please contact IMO to order transistor output versions

XBC Common Technical Specification

Supply Voltage	24 VDC or 100-240 VAC
Relay Output Rating	2A Resistive
Transistor Output Rating	0.5A / point
Program Capacity	15k Steps
Max I/O Points	352/384
Analogue Input Resolution ⁽⁴⁾	14 bit
Analogue Output Resolution ⁽⁵⁾	14 bit
PID Control	Yes
Programming Languages	Ladder
High Speed Inputs	Yes
Positioning	Yes

⁽⁴⁾ Model dependant

⁽⁵⁾ When using analogue expansion units



IMO STARLINE CATALOGUE 2019

XGB U PLC



Dual Port Ethernet
Max. 352 I/O point control



Part Number	Description	Price
XBC-DN(P)32U ⁽¹⁾	16 DI, 16 DO (0.2A)	£515.11
XBC-DR28U	16 DI, 12 RO (2A)	£515.11
XBC-DR28U	16 DI, 16 DO (0.2A)	£515.11
XBC-DR28UA	16 DI, 12 RO (2A), 4AI, 4AO	£768.43
XBC-DN(P)32UP ⁽¹⁾	16 DI, 12 DO (0.2A), Positioning	£706.75
XBC-DR28UP	16 DI, 12 RO (2A), Positioning	£706.75

⁽¹⁾ N = NPN version P = PNP version
For 24VDC models please add suffix "/DC" to the part number

XBC-U Common Technical Specification

Supply Voltage	230 VAC / 24 VDC
Relay Output Rating	2A Resistive
Transistor Output Rating	0.5A / point, 2A / COM
Program Capacity	32k Steps
Max I/O Points	348/352 ⁽²⁾
Analogue Input Resolution ⁽²⁾	1/16000
Analogue Output Resolution ⁽³⁾	1/16000
PID Control	Yes
Programming Languages	Ladder
High Speed Inputs	8
Positioning	Yes

XEC-U Common Technical Specification

Supply Voltage	230 VAC / 24 VDC
Relay Output Rating	2A Resistive
Transistor Output Rating	0.5A / point, 2A / COM
Program Capacity	384 kbytes
Max I/O Points	348/352 ⁽²⁾
Analogue Input Resolution ⁽²⁾	1/16000
Analogue Output Resolution ⁽³⁾	1/16000
PID Control	Yes
Programming Languages	IEC 61131
High Speed Inputs	8
Positioning	Yes

⁽²⁾ Model dependant

⁽³⁾ Applies only to models with analogue Input/Output

Accessories & Expansion



Part Number	Description	Price
<i>Expansion Units</i>		
XBE-DC16B	Exp. Module 16 DI, 24V Input	£117.48
XBE-DC32A ⁽⁴⁾	Exp. Module 32 DI, 24V Input	£139.18
XBE-RY16A	Exp. Module 16 Relay Output	£162.17
XBE-TN16A	Exp. Module 16 Trans Output (sink)	£150.67
XBE-TN32A ⁽⁴⁾	Exp. Module 32 Trans Output (sink)	£164.72
XBE-TP16A	Exp. Module 16 Trans Output (source)	£150.67
XBE-TP32A ⁽⁴⁾	Exp. Module 32 Trans Output (source)	£164.72
XBE-DR16A	Exp. Module 8 DI, 8 RO, 24V Input	£173.63
XBF-AD04A	Exp. Module 4 AI, 24V Input	£227.29
XBF-AD08A	Exp. Module 8 AI, 24V Input	£324.42
XBF-AH04A	Exp. Module 2 AI, 2 AO Volt/Current	£255.69
XBF-DV04A	Exp. Module 4 AO (volt)	£227.29
XBF-DC04A	Exp. Module 4 AO (current)	£227.29
XBF-RD04A	Exp. Module 4 PT100 Input	£312.86
XBF-TC04S	Exp. Module 4 Thermocouple Input	£312.86
XBL-EMTA	Ethernet Communication Module 10/100	£229.85
XEL-BSSA	Smart I/O Modbus TCP Header, ENET I/O	£288.19
XBF-PN08B	Network Positioning Module 8 Axis	£569.34
<i>Accessories</i>		
PMC-310S	RS232 Programming Cable	£30.21
USB-301A	USB Programming Cable	£1.80
XBC-XECBATTERY	Replacement Battery	£25.74
XBO-M1024A	Program EEPROM	£71.51
R40H/20HH-05S-XBM3	0.5m Cable Link to TG7-1H40S (XBM)	£27.14
C40HH-05SB-XBI	0.5m Cable Link to TG7-1H40S (XBE)	£27.14
C40HH-10SB-XBI	1m Cable Link to TG7-1H40S (XBE)	£33.16
TG7-1H40S	Screw I/O Termination (XBM & XBE)	£27.14

⁽⁴⁾ Please contact IMO in order to correctly specify the required breakout cable and terminal boards

Signal Conditioning

Wide range of inputs inc. 4-20mA, thermocouple, frequency, RTD & voltage signals

SLIMCON Signal Conditioning



Part Number	Description	Price
SLIMCON-6	Configurable Input & Output - mA or V	£98.98
SLIMCON-6-FC ⁽¹⁾	Configurable Input & Output - mA or V	£98.98

⁽¹⁾ Pre-set factory configured I/P & O/P according to customer requirement

ISOCON Signal Conditioning



Part Number	Description	Price
ISOCON-3	90-264VAC Selectable Input & Output	£165.37
ISOCON-3-FC ⁽¹⁾	90-264VAC Selectable Input & Output	£165.37
ISOCON-3-STRAIN	Configurable, 10VDC Excitation Voltage	£165.37
ISOCON-6	12-36VDC or 12-32VAC Selectable I/O	£165.37
ISOCON-6-FC ⁽¹⁾	12-36VDC or 12-32VAC Selectable I/O	£165.37
ISOCON-6-STRAIN	Configurable, 10VDC Excitation Voltage	£165.37
VCONHL-FC	AC Amp Input, Output Volts / mA	£165.37

⁽¹⁾ Pre-set factory configured I/P & O/P according to customer requirement

DUALCON Signal Conditioning



Part Number	Description	Price
DUALCON-3	90-264VAC 1 UAI, 2 AO	£230.59
DUALCON-6	18-32VAC/DC 1 UAI, 2 AO	£230.59
DUALCON-6-FC ⁽¹⁾	18-32VAC/DC 1 UAI, 2 AO	£230.59

⁽¹⁾ Pre-set factory configured I/P & O/P according to customer requirement

Solar Cube

Precision Solar Tracking & Measurement Controller



Solar Cube Solar Tracker



Easy-to-configure, out-of-the-box solution,
IP65 (NEMA 4X) Rated



Part Number	Description	Price
SOLARCUBE-1AX	Single Array Solar Tracker, 1 or 2 Axis Configurable	£790.79

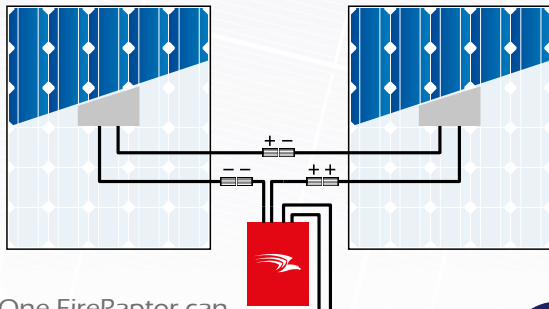
Accessories



Part Number	Description	Price
COMPASS-485-15M	Digital Compass, 3-Axis RS485, Precabled 15m	£240.92

The Ultimate Emergency Solar Panel Rapid Shutdown Solution


FireRaptor



One FireRaptor can protect two solar panels + -



**Complete Safety. Low Cost.
Peace Of Mind.**

The FireRaptor from IMO is an innovative emergency shutdown solution which takes your safety seriously. Offering 3 ways to shut down your solar panels to ZERO volts, the FireRaptor is the most efficient solution, easy to install and operate, and is fully compliant with NEC2017.

To find out how the amazing FireRaptor can give you total peace of mind, go to www.imopc.solar or contact your local IMO distributor.

FireRaptor & Emergency Shutdown Switches The Ultimate Solar Panel Rapid Shutdown Solution



FireRaptor Rapid Shutdown Solution

NEW
for 2018-2020

20
YEARS
WARRANTY

UL CE FC ncc 2017

Part Number	Description	Price
FRS-01	Solar Panel Rapid Shutdown Solution	£46.00
FRS-02	Advanced Solar Panel Rapid Shutdown Solution	£49.75

Emergency Shutdown Switches

Part Number	Description	Price
FRS-ESW1	Rapid Shutdown Switch for FRS-01, IP65	£80.88
FRS-ESW1-K	Rapid Shutdown Switch with Key for FRS-01, IP65	£93.83
FRS-ESW2	Rapid Shutdown Switch for FRS-02, IP65	£88.63
FRS-ESW2-K	Rapid Shutdown Switch with Key for FRS-02, IP65	£98.78
FRS-SIGCAB1.8-F	1.8m Signal Cable (for end of PV string)	£2.95

Keep Solar Safe: Solar Panel Rapid Shutdown Solution

The IMO FireRaptor provides three forms of Solar Panel Rapid Shutdown to ZERO VOLTS in case of fire or other emergency:

• MANUAL EMERGENCY SHUTDOWN

Manual shutdown is operated via an Emergency Rapid Shutdown Switch utilising a typical “one push” large emergency push button. The switch can be conveniently located anywhere for emergency access and is supplied with a 24VDC power supply to interface with the FireRaptor units.

• AUTOMATIC EMERGENCY TEMPERATURE SHUTDOWN

Automatic shutdown occurs via the temperature sensor onboard the FireRaptor which detects an ambient temperature rise in excess of 85°C (185°F). In the event that the temperature exceeds 92°C (198°F) then the FireRaptor will only re-engage the solar panels by manual reset done via the emergency switch. Otherwise, the FireRaptor will re-engage the solar panels automatically if the temperature drops back below the 85°C (185°F) cut-out level. The FRS-02 FireRaptor offers the additional feature of being able to be configured to provide connection to a building’s central alarm system or notification via mobile communication (SMS, email etc.).

• AUTOMATIC EMERGENCY EXTERNAL POWER LOSS SHUTDOWN

Disconnection of the external AC supply, by whatever means, causes automatic remote operation of the Emergency Rapid Shutdown Switch.

The FireRaptor can be installed without any set-up and with any string inverter as its functionality is completely independent. “Plug & Play” style installation using industry standard connectors is easy, whether fitted to new installs or retro-fitted to existing projects to upgrade fire safety functionality.

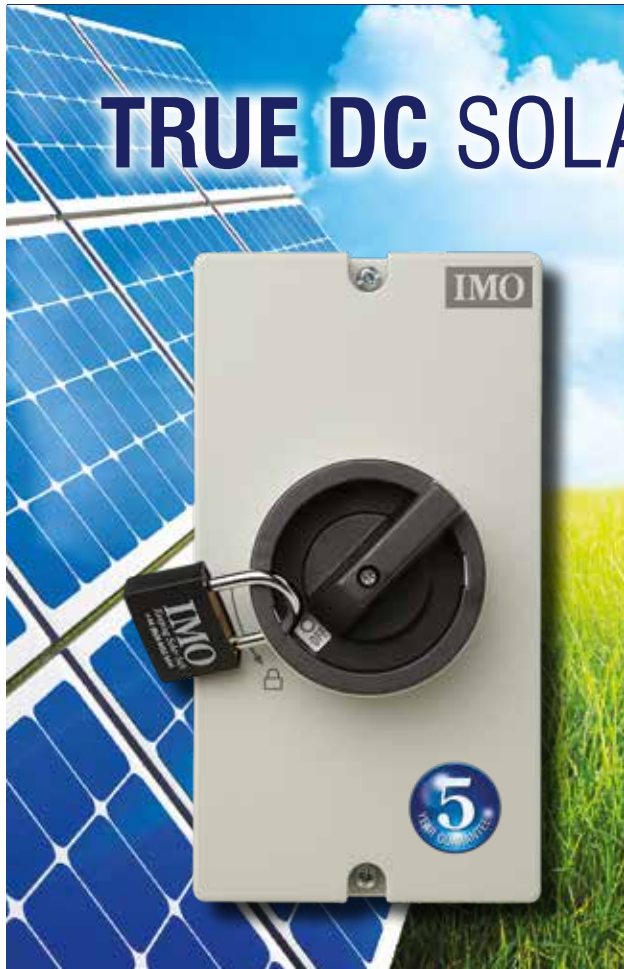
Read more about the
FireRaptor,
go to www.imopc.com
and download the catalogue



**WATCH US ON
YouTube**



TRUE DC SOLAR ISOLATORS



Over 5 Million Installed Units - ZERO FAILURES

In solar installation, the DC isolator is like a vehicle air-bag. You never know it really works until you need it. So it's good to know that the IMO SI has now surpassed 5 million installed units without a single recorded failure.

Not surprising considering the product carries all the most important approvals including UL508i, TUV (IEC 60947-1 & IEC 60947-3), CE and CCC. In fact, the IMO SI solar isolator has been tested by some of the most rigorous examiners and OEM manufacturers in the world, passing with flying colours every single time.

As ever, the SI range has a guaranteed arc suppression time of under 5mS, in built arc cooling chambers, operator independent switching mechanism and Safe-Lock handle, making it one of the safest DC isolators available, no matter who uses it or how slowly they operate it.

Why take a risk on safety? Insist on TRUE DC, contact us for a quotation and see why the IMO SI TRUE DC Isolator is the sensible choice for the PV installer.

Keep Solar Safe

SI Range of Solar Isolators & Accessories

Enclosed Isolator with Rotary Actuator Switch - Lockable OFF



- Rotary Actuator Switch
- Lockable OFF with Safe-Lock ©
- Self-Extinguishing Plastic Enclosure
- M25 Cable Gland Entry Option
- NEMA Type 3R
- IP66 Rated



Part Number	DC21A IEC60947-3				UL Ratings UL508i				Poles in series	No. of Strings	Weight Kg/pcs.	Price	Contact Configuration
	600V	800V	1000V	1500V	350V	500V	600V	1000V					
SI16-PEL64R-2	16A	16A	9A	3A	16A	16A	16A	-	2	1	0.43	£59.26	
SI25-PEL64R-2	25A	20A	11A	4A	20A	20A	20A	-	2	1	0.43	£63.48	
SI32-PEL64R-2	32A	23A	13A	5A	25A	25A	25A	-	2	1	0.43	£70.87	
SI40-PEL64R-2	40A	30A	20A	6A	40A	40A	40A	16A	2	1	1.59	£142.85	
SI55-PEL64R-2	55A	45A	25A	8A	55A	55A	55A	20A	2	1	1.59	£185.71	
SI16-PEL64R-4	16A	16A	9A	3A	16A	16A	16A	-	2	2	0.46	£63.89	
SI25-PEL64R-4	25A	20A	11A	4A	20A	20A	20A	-	2	2	0.46	£74.10	
SI32-PEL64R-4	32A	23A	13A	5A	25A	25A	25A	-	2	2	0.46	£82.87	
SI40-PEL64R-4	40A	30A	20A	6A	40A	40A	40A	16A	2	2	1.67	£172.93	
SI55-PEL64R-4	55A	45A	25A	8A	55A	55A	55A	20A	2	2	1.67	£224.82	
SI16-PEL64R-4S	16A	16A	16A	16A	16A	16A	16A	-	4	1	0.47	£71.11	
SI25-PEL64R-4S	25A	25A	25A	20A	25A	25A	25A	-	4	1	0.47	£81.33	
SI32-PEL64R-4S	32A	32A	32A	23A	32A	32A	32A	-	4	1	0.47	£90.08	
SI40-PEL64R-4S	40A	40A	40A	30A	40A	40A	40A	40A	4	1	1.70	£187.95	
SI55-PEL64R-4S	55A	55A	55A	40A	55A	55A	55A	55A	4	1	1.70	£244.37	

SI Range of Solar Isolators & Accessories

Isolator with Level Actuator Switch for Distribution Boards - Lockable OFF



- Lever Actuator Switch
- Lockable OFF with Safe-Lock ©
- For Distribution Boards
- Low Height Handle also available
- NEMA Type 1 Handle
- IP20 Body



Part Number	DC21A IEC60947-3				UL Ratings UL508i				Poles in series	No. of Strings	Weight Kg/pcs.	Price	Contact Configuration
	600V	800V	1000V	1500V	350V	500V	600V	1000V					
SI16-DBL-2	16A	16A	9A	3A	16A	16A	16A	-	2	1	0.19	£39.36	
SI25-DBL-2	25A	20A	11A	4A	20A	20A	20A	-	2	1	0.19	£43.57	
SI32-DBL-2	32A	23A	13A	5A	25A	25A	25A	-	2	1	0.19	£50.98	
SI40-DBL-2	40A	30A	20A	6A	40A	40A	40A	16A	2	1	0.40	£69.26	
SI55-DBL-2	55A	45A	25A	8A	55A	55A	55A	20A	2	1	0.40	£96.96	
SI16-DBL-4	16A	16A	9A	3A	16A	16A	16A	-	2	2	0.46	£43.98	
SI25-DBL-4	25A	20A	11A	4A	20A	20A	20A	-	2	2	0.46	£54.20	
SI32-DBL-4	32A	23A	13A	5A	25A	25A	25A	-	2	2	0.46	£62.95	
SI40-DBL-4	40A	30A	20A	6A	40A	40A	40A	16A	2	2	1.67	£85.53	
SI55-DBL-4	55A	45A	25A	8A	55A	55A	55A	20A	2	2	1.67	£119.74	
SI16-DBL-4S	16A	16A	16A	16A	16A	16A	16A	-	4	1	0.47	£51.21	
SI25-DBL-4S	25A	25A	25A	20A	25A	25A	25A	-	4	1	0.47	£61.42	
SI32-DBL-4S	32A	32A	32A	23A	32A	32A	32A	-	4	1	0.47	£70.18	
SI40-DBL-4S	40A	40A	40A	30A	40A	40A	40A	40A	4	1	1.70	£95.34	
SI55-DBL-4S	55A	55A	55A	40A	55A	55A	55A	55A	4	1	1.70	£133.47	

ASA Plastic Distribution Boxes



High Thermal Stability
Transparent Door
Earth & Neutral Bars Included
Suitable for PV Applications



Part Number	Description	Price
E-04W	4 Way IP65 (127 x 200 x 120mm)	£30.20
E-08W	8 Way IP65 (200 x 200 x 120mm)	£36.88
E-12W	12 Way IP65 (318 x 258 x 142mm)	£48.42
E-24W	24 Way IP65 (318 x 383 x 142mm)	£69.63
E-36W	36 Way IP65 (507 x 318 x 142mm)	£75.13

NOTE: The image above is for illustrative purposes only, and does not come supplied as standard with the isolators as seen.

Accessories



Part Number	Description	Price
SIV-B1	Insulated Jumper for SI16, SI25, SI32	£3.61
SIV-B2	Insulated Jumper for SI40, SI55	£7.86

For the complete range of
Solar Products,
go to www.imopc.com
and download the catalogue



Component Solutions for Electric Vehicle Charging

MCBs

Miniature Circuit Breakers protect from over-current and short circuit situations to safeguard assets from risk of damage from overheating and fire.

In accordance with IEC 60898-1.



RCBOs

Residual Current Circuit Breakers with Overcurrent Protection combine the functions of an MCB and RCD to provide all-round protection in a compact package.

In accordance with IEC 60898-1.



RCDs

Residual Current Devices protect personnel from contact with live or damaged wires and components by disconnecting power when an earth leakage current is detected. Standard AC and Type B available.



Branch Isolators

Of modular design, IMO branch isolators are robust and offer power isolation, mounted on a DIN rail.



AC/DC Isolators

IMOs AC & DC Isolators offer robust, lockable power isolation for safe and controlled maintenance and repair activities.

IMO Isolators carry UL safety approvals.



Contactors

IMO's range of Modular Contactors offer control and switching of charging current flow. High reliability for faultless switching.

Full range of accessories and options available including PCB mounting.



Power Supplies

IMO's range of UL approved modular power supplies offer high efficiency, universal input and IMO's 3 year warranty.



Our history is one of innovation. Whether it is the first ever BT Type 47 Approved relay or the first ever compact AC inverter for motor speed control, IMO has always been focused on breaking barriers. With rigorous standards of development, reliability testing and production control complemented by all the most relevant independent approvals, IMO remains the no-compromise choice.

As a world leader in the solar industry with many global OEMs using our DC switching and isolation technology, IMO is pleased to introduce its EV Protect range specifically designed to meet the requirements of the Electric Vehicle market.



For use by EV Installers and EV Charging Manufacturers

No matter whether you are an EV Installer looking for a simple one-stop solution for a domestic installation, or an EV Charging Manufacturer looking to source components to make your offering more competitive, IMO has the EV Charging components for you.



For more information about our EV Charging offering, please call +44(0)1707 414 444 or email sales@imopc.com.

A dedicated EV Charging brochure can be found on our website.





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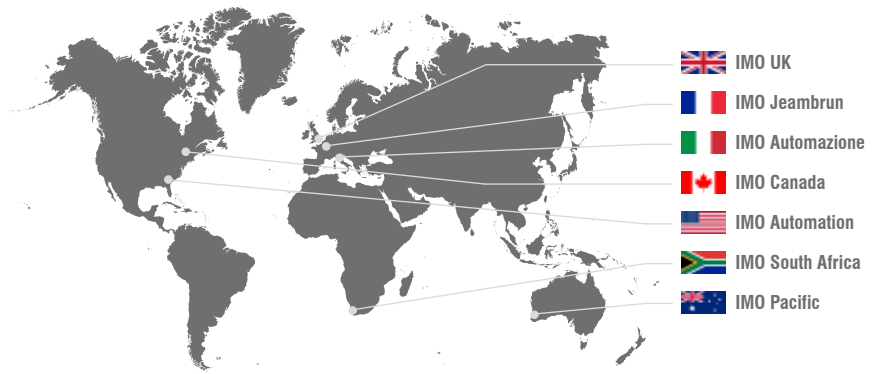
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