Certificate Number: ESV190271/00

Certificate of Approval

This is to certify that the Director of Energy Safety has approved the electrical equipment described hereunder.

Registered Declarant: IMO Precision Controls ltd
The Interchange
Frobisher Way
Hatfield
Hertfordshire
AL10 9TG
UK

Required Marking: ESV190271

Electrical equipment covered by this approval must comply in all respects with the approved article, and prior to being supplied or offered for supply, must be clearly and indelibly marked with the required marking indicated above, or the Regulatory Compliance Mark (RCM) provided that the requirements of all relevant parts of AS/NZS 4417 applicable to the article are fulfilled.

Any modifications to the electrical equipment or its place of manufacture must be approved by Energy Safe Victoria prior to the equipment being supplied or offered for supply.

Notification must be given to Energy Safe Victoria of any change to the name or address of the holder of the certificate within 20 business days.

ARTICLE DETAILS

Electrical Equipment:	Level 3 DC Isolator DC Isolator
Relevant Standards:	AS/NZS IEC 60947.1:2015 & AS/NZS 60947.3:2018
Expiry Date:	31 July 2024
Conditions of Approval:	•Switch disconnector for indoor use are to be enclosed in approved enclosure having no less than the specified minimum enclosure dimensions except for PEL64R and IMO-ENDB models which are for outdoor use with dedicated enclosures.

	•After the switch has been installed, the approved enclosure shall exhibit all of the markings as per AS 60947.3 requirements.

Approval details

Model Type: SIM16, SIM18, SIM25, SIM32 and SIM38 - Classified as enclosed indoor without a dedicated individual enclosure except PEL64R which are for outdoor use with dedicated enclosure - Minimum enclosure dimensions: 130mmx95mmx75mm - IP20/IP66NW (Outdoor models) - DC-PV2 Separate to and placed after the model's type is the isolator classification; it consists of the mounting type, number of poles and configuration and maybe followed by letters/number for the shaft length/auxiliary. Legend: PM64–Panel,Lever; PML64–Panel,Lockable Lever; PM64R-Panel,Lockable Rotary; PMT64–Panel(2-screw),Lever; PMTL64–Panel(2-screw),Lockable Lever; SHM–Single Hole,Lever; SHML–Single Hole,Lockable Lever; SHML64–Single Hole,Lockable Lever; SHMS–Single Hole(16mm) Mount,Lever; SHMR–Single Hole(16mm) Mount,Rotary; BMD64R–Base/DIN,Lockable Rotary; BMDC64–Base/DIN,Lever; BMDCL64–Base/DIN,Lockable Lever; BMDC64R–Base/DIN,Lockable Rotary; BMS64R–Base,Lockable Lever; DB–Modular/DIN,Lever; DBL–Modular/D

Model	SIM16 BMD64R-2, SIM16 BMDC64-2, SIM16 BMDC64R-2, SIM16 BMDCL64-2, SIM16 BMS64R-2, SIM16 DB-2, SIM16 DBL-2, SIM16 DBS-2, SIM16 PEL64R-2, SIM16 PM64-2, SIM16 PM64R-2, SIM16 PML64-2, SIM16 PMT64-2, SIM16 PMTL64-2, SIM16 SHM-2, SIM16 SHML-2, SIM16 SHML64-2, SIM16-SHMR-2, SIM16-SHMS-2
Rated at	Input: 300-1000V, 16-1A, DC
Trade Name	IMO
Comments	Type SIM16 1 pole: Ue = 300 – 1000 V, Ith = 16 A, Ie = 16 – 1 A, Imake/break = 64 – 4 A 1 string - 2 poles in series 2 pole: Ue = 300 – 1000 V, Ith = 16 A, Ie = 16 – 4 A, Imake/break = 64 – 16

	A

Model	SIM16 BMD64R-2H, SIM16 BMDC64-2H, SIM16 BMDC64R-2H, SIM16 BMDCL64-2H, SIM16 BMS64R-2H, SIM16 DB-2H, SIM16 DBL-2H, SIM16 DBS-2H, SIM16 PEL64R-2H, SIM16 PM64-2H, SIM16 PM64R-2H, SIM16 PML64-2H, SIM16 PMT64-2H, SIM16 PMTL64-2H, SIM16 SHM-2H, SIM16 SHML-2H, SIM16 SHML64-2H, SIM16 SHMR-2H, SIM16 SHMS-2H
Rated at	Input: 300-1000V, 25-4A, DC
Trade Name	IMO
Comments	Type SIM16 1 string - 2 poles in series / 2 poles parallel 2H pole: Ue = 300 – 1000 V, Ith = 25 A, Ie = 25 – 4 A, Imake/break = 100 – 4 A

Model	SIM16 BMDC64-4, SIM16 BMDC64R-4, SIM16 BMDCL64-4, SIM16 BMS64R-4, SIM16 DB-4, SIM16 DBL-4, SIM16 DBS-4, SIM16 PEL64R-4, SIM16 PM64-4, SIM16 PM64R-4, SIM16 PML64-4, SIM16 PMT64-4, SIM16 PMTL64-4, SIM16 SHM-4, SIM16 SHML-4, SIM16 SHML64-4, SIM16 SHMR-4, SIM16 SHMR-4, SIM16 SHMS-4
Rated at	Input: 300-1000V, 16-4A, DC
Trade Name	IMO
Comments	Type SIM16 2 string – 2 poles in series 2 pole: Ue = 300 – 1000 V, Ith = 16 A, Ie = 16 – 4 A, Imake/break = 64 – 16

	A

Model	SIM16 BMD64R-4B or 4S or 4T, SIM16 BMDC64-4B or 4S or 4T, SIM16 BMDC64R-4B or 4S or 4T, SIM16 BMDCL64-4B or 4S or 4T, SIM16 BMS64R-4B or 4S or 4T, SIM16 DB-4B or 4S or 4T, SIM16 DBL-4B or 4S or 4T, SIM16 DBS-4B or 4S or 4T, SIM16 PEL64R-4B or 4S or 4T, SIM16 PM64-4B or 4S or 4T, SIM16 PM64R-4B or 4S or 4T, SIM16 PML64-4B or 4S or 4T, SIM16 PMT64-4B or 4S or 4T, SIM16 PMTL64-4B or 4S or 4T, SIM16 SHM-4B or 4S or 4T, SIM16 SHML-4B or 4S or 4T, SIM16 SHML64-4B or 4S or 4T, SIM16 SHMR-4B or 4S or 4T, SIM16 SHMS-4B or 4S or 4T
Rated at	Input: 300-1000V, 16A, DC
Trade Name	IMO
Comments	Type SIM16 1 string – 4 poles in series 4 pole: Ue = 300 – 1000 V, Ith = 16 A, Ie = 16 A, Imake/break = 64 A

Model	SIM18 BMD64R-2, SIM18 BMDC64-2, SIM18 BMDC64R-2, SIM18 BMDCL64-2, SIM18 BMS64R-2, SIM18 DB-2, SIM18 DBL-2, SIM18 DBS-2, SIM18 PEL64R-2, SIM18 PM64-2, SIM18 PM64R-2, SIM18 PML64-2, SIM18 PMT64-2, SIM18 PMTL64-2, SIM18 SHM-2, SIM18 SHML-2, SIM18 SHML64-2, SIM18 SHMR-2, SIM18 SHMS-2
Rated at	Input: 300-1000V, 18-1A, DC
Trade Name	IMO

Comments	Type SIM18 1 pole: Ue = 300 – 1000 V, Ith = 18 A, Ie = 18 – 1 A, Imake/break = 72 – 4 A 1 string - 2 poles in series 2 pole: Ue = 300 – 1000 V, Ith = 18 A, Ie = 18 – 4 A, Imake/break = 72 – 16 A

Model	SIM18 BMD64R-2H, SIM18 BMDC64-2H, SIM18 BMDC64R-2H, SIM18 BMDCL64-2H, SIM18 BMS64R-2H, SIM18 DB-2H, SIM18 DBL-2H, SIM18 DBS-2H, SIM18 PEL64R-2H, SIM18 PM64-2H, SIM18 PM64R-2H, SIM18 PML64-2H, SIM18 PMT64-2H, SIM18 PMTL64-2H, SIM18 SHM-2H, SIM18 SHML-2H, SIM18 SHML64-2H, SIM18 SHMR-2H, SIM18 SHMS-2H
Rated at	Input: 300-1000V, 27-4A, DC
Trade Name	IMO
Comments	Type SIM18 1 string - 2 poles in series / 2 poles parallel 2H pole: Ue = 300 – 1000 V, Ith = 27 A, Ie = 27 – 4 A, Imake/break = 108 – 16 A

Model	SIM18 BMD64R-4, SIM18 BMDC64-4, SIM18 BMDC64R-4, SIM18 BMDCL64-4, SIM18 BMS64R-4, SIM18 DB-4, SIM18 DBL-4, SIM18 DBS-4, SIM18 PEL64R-4, SIM18 PM64-4, SIM18 PM64R-4, SIM18 PML64-4, SIM18 PMT64-4, SIM18 PMTL64-4, SIM18 SHM-4, SIM18 SHML-4, SIM18 SHML64-4, SIM18 SHMR-4, SIM18 SHMS-4

Rated at	Input: 300-1000V, 18-4A, DC
Trade Name	IMO
Comments	Type SIM18 2 string – 2 poles in series 2 pole: Ue = 300 – 1000 V, Ith = 18 A, Ie = 18 – 4 A, Imake/break = 72 – 16 A

Model	SIM18 BMD64R-4B or 4S or 4T, SIM18 BMDC64-4B or 4S or 4T, SIM18 BMDC64R-4B or 4S or 4T, SIM18 BMDCL64-4B or 4S or 4T, SIM18 BMS64R-4B or 4S or 4T, SIM18 DB-4B or 4S or 4T, SIM18 DBL-4B or 4S or 4T, SIM18 DBS-4B or 4S or 4T, SIM18 PEL64R-4B or 4S or 4T, SIM18 PM64-4B or 4S or 4T, SIM18 PM64R-4B or 4S or 4T, SIM18 PML64-4B or 4S or 4T, SIM18 PMT64-4B or 4S or 4T, SIM18 PMTL64-4B or 4S or 4T, SIM18 SHM-4B or 4S or 4T, SIM18 SHML-4B or 4S or 4T, SIM18 SHML64-4B or 4S or 4T, SIM18 SHMR-4B or 4S or 4T, SIM18 SHMS-4B or 4S or 4T
Rated at	Input: 300-1000V, 18A, DC
Trade Name	IMO
Comments	Type SIM18 1 string – 4 poles in series 4 pole: Ue = 300 – 1000 V, Ith = 18 A, Ie = 18 A, Imake/break = 72 A

Model	SIM25 BMD64R-2, SIM25 BMDC64-2, SIM25 BMDC64R-2, SIM25 BMDCL64-2, SIM25 BMS64R-2, SIM25 DB-2, SIM25 DBL-2, SIM25 DBS-2, SIM25 PEL64R-2, SIM25 PM64-2, SIM25 PM64R-2, SIM25

	PML64-2, SIM25 PMT64-2, SIM25 PMTL64-2, SIM25 SHM-2, SIM25 SHML-2, SIM25 SHML64-2, SIM25 SHMR-2, SIM25 SHMS-2
Rated at	Input: 300-1000V, 23-1.5A, DC
Trade Name	IMO
Comments	Type SIM25 1 pole: Ue = 300 – 1000 V, Ith = 23 A, Ie = 23 – 1.5 A, Imake/break = 92 – 6 A 1 string - 2 poles in series 2 pole: Ue = 300 – 1000 V, Ith = 25 A, Ie = 25 – 5 A, Imake/break = 100 – 20 A

Model	SIM25 BMD64R-2H, SIM25 BMDC64-2H, SIM25 BMDC64R-2H, SIM25 BMDCL64-2H, SIM25 BMS64R-2H, SIM25 DB-2H, SIM25 DBL-2H, SIM25 DBS-2H, SIM25 PEL64R-2H, SIM25 PM64-2H, SIM25 PM64R-2H, SIM25 PML64-2H, SIM25 PMT64-2H, SIM25 PMTL64-2H, SIM25 SHM-2H, SIM25 SHML-2H, SIM25 SHML64-2H, SIM25 SHMR-2H, SIM25 SHMS-2H
Rated at	Input: 300-1000V, 39-5A, DC
Trade Name	IMO
Comments	Type SIM25 1 string - 2 poles in series / 2 poles parallel 2H pole: Ue = 300 – 1000 V, Ith = 39 A, Ie = 39 – 5 A, Imake/break = 156 – 20 A

Model	SIM25 BMD64R-4, SIM25 BMDC64-4, SIM25 BMDC64R-4, SIM25 BMDCL64-4, SIM25 BMS64R-4,

	SIM25 DB-4, SIM25 DBL-4, SIM25 DBS-4, SIM25 PEL64R-4, SIM25 PM64-4, SIM25 PM64R-4, SIM25 PML64-4, SIM25 PMT64-4, SIM25 PMTL64-4, SIM25 SHM-4, SIM25 SHML-4, SIM25 SHML64-4, SIM25 SHMR-4, SIM25 SHMS-4
Rated at	Input: 300-1000V, 25-5A, DC
Trade Name	IMO
Comments	Type SIM25 2 string - 2 poles in series 2 pole: Ue = 300 – 1000 V, Ith = 25 A, Ie = 25 – 5 A, Imake/break = 100 – 20 A

Model	SIM25 BMD64R-4B or 4S or 4T, SIM25 BMDC64-4B or 4S or 4T, SIM25 BMDC64R-4B or 4S or 4T, SIM25 BMDCL64-4B or 4S or 4T, SIM25 BMS64R-4B or 4S or 4T, SIM25 DB-4B or 4S or 4T, SIM25 DBL-4B or 4S or 4T, SIM25 DBS-4B or 4S or 4T, SIM25 PEL64R-4B or 4S or 4T, SIM25 PM64-4B or 4S or 4T, SIM25 PM64R-4B or 4S or 4T, SIM25 PML64-4B or 4S or 4T, SIM25 PMT64-4B or 4S or 4T, SIM25 PMTL64-4B or 4S or 4T, SIM25 SHM-4B or 4S or 4T, SIM25 SHML-4B or 4S or 4T, SIM25 SHML64-4B or 4S or 4T, SIM25 SHMR-4B or 4S or 4T, SIM25 SHMS-4B or 4S or 4T
Rated at	Input: 300-1000V, 25A, DC
Trade Name	IMO
Comments	Type SIM25 1 string – 4 poles in series 4 pole: Ue = 300 – 1000 V, Ith = 25 A, Ie = 25 A, Imake/break = 100 A

Model	SIM32 BMD64R-2, SIM32 BMDC64-2, SIM32 BMDC64R-2, SIM32 BMDCL64-2, SIM32 BMS64R-2, SIM32 DB-2, SIM32 DBL-2, SIM32 DBS-2, SIM32 PEL64R-2, SIM32 PM64-2, SIM32 PM64R-2, SIM32 PML64-2, SIM32 PMT64-2, SIM32 PMTL64-2, SIM32 SHM-2, SIM32 SHML-2, SIM32 SHML64-2, SIM32 SHMR-2, SIM32 SHMS-2
Rated at	Input: 300-1000V, 32-2A, DC
Trade Name	IMO
Comments	Type SIM32 1 pole: Ue = 300 – 1000 V, Ith = 27 A, Ie = 27 – 2 A, Imake/break = 108 – 8 A 1 string - 2 poles in series 2 pole: Ue = 300 – 1000 V, Ith = 32 A, Ie = 32 – 6 A, Imake/break = 128 – 24 A

Model	SIM32 BMD64R-2H, SIM32 BMDC64-2H, SIM32 BMDC64R-2H, SIM32 BMDCL64-2H, SIM32 BMS64R-2H, SIM32 DB-2H, SIM32 DBL-2H, SIM32 DBS-2H, SIM32 PEL64R-2H, SIM32 PM64-2H, SIM32 PM64R-2H, SIM32 PML64-2H, SIM32 PMT64-2H, SIM32 PMTL64-2H, SIM32 SHM-2H, SIM32 SHML-2H, SIM32 SHML64-2H, SIM32 SHMR-2H, SIM32 SHMS-2H
Rated at	Input: 300-1000V, 50-6A, DC
Trade Name	IMO
Comments	Type SIM32 1 string - 2 poles in series / 2 poles parallel 2H pole: Ue = 300 – 1000 V, Ith = 50 A, Ie = 50 – 6 A, Imake/break = 200 –

	24A

Model	SIM32 BMD64R-4, SIM32 BMDC64-4, SIM32 BMDC64R-4, SIM32 BMDCL64-4, SIM32 BMS64R-4, SIM32 DB-4, SIM32 DBL-4, SIM32 DBS-4, SIM32 PEL64R-4, SIM32 PM64-4, SIM32 PM64R-4, SIM32 PML64-4, SIM32 PMT64-4, SIM32 PMTL64-4, SIM32 SHM-4, SIM32 SHML-4, SIM32 SHML64-4, SIM32 SHMR-4, SIM32 SHMS-4
Rated at	Input: 300-1000V, 32-6A, DC
Trade Name	IMO
Comments	Type SIM32 2 string - 2 poles in series 2 pole: Ue = 300 – 1000 V, Ith = 32 A, Ie = 32 – 6 A, Imake/break = 128 – 24A

Model	SIM32 BMD64R-4B or 4S or 4T, SIM32 BMDC64-4B or 4S or 4T, SIM32 BMDC64R-4B or 4S or 4T, SIM32 BMDCL64-4B or 4S or 4T, SIM32 BMS64R-4B or 4S or 4T, SIM32 DB-4B or 4S or 4T, SIM32 DBL-4B or 4S or 4T, SIM32 DBS-4B or 4S or 4T, SIM32 PEL64R-4B or 4S or 4T, SIM32 PM64-4B or 4S or 4T, SIM32 PM64R-4B or 4S or 4T, SIM32 PML64-4B or 4S or 4T, SIM32 PMT64-4B or 4S or 4T, SIM32 PMTL64-4B or 4S or 4T, SIM32 SHM-4B or 4S or 4T, SIM32 SHML-4B or 4S or 4T, SIM32 SHML64-4B or 4S or 4T, SIM32 SHMR-4B or 4S or 4T, SIM32 SHMS-4B or 4S or 4T
Rated at	Input: 300-1000V, 32A, DC

Trade Name	IMO
Comments	Type SIM32 1 string – 4 poles in series 4 pole: Ue = 300 – 1000 V, Ith = 32 A, Ie = 32 A, Imake/break = 128 A

Model	SIM38 BMD64R-2; , SIM38 BMDC64-2, SIM38 BMDC64R-2, SIM38 BMDCL64-2, SIM38 BMS64R-2, SIM38 DB-2, SIM38 DBL-2, SIM38 DBS-2, SIM38 PEL64R-2, SIM38 PM64-2, SIM38 PM64R-2, SIM38 PML64-2, SIM38 PMT64-2, SIM38 PMTL64-2, SIM38 SHM-2, SIM38 SHML-2, SIM38 SHML64-2, SIM38 SHMR-2, SIM38 SHMS-2
Rated at	Input: 300-1000V, 38-2A, DC
Trade Name	IMO
Comments	Type SIM38 1 pole: Ue = 300 – 1000 V, Ith = 27 A, Ie = 27 – 2 A, Imake/break = 108 – 8 A 1 string - 2 poles in series 2 pole: Ue = 300 – 1000 V, Ith = 38 A, Ie = 38 – 7 A, Imake/break = 152 – 28 A

Model	SIM38 BMD64R-2H, SIM38 BMDC64-2H, SIM38 BMDC64R-2H, SIM38 BMDCL64-2H, SIM38 BMS64R-2H, SIM38 DB-2H, SIM38 DBL-2H, SIM38 DBS-2H, SIM38 PEL64R-2H, SIM38 PM64-2H, SIM38 PM64R-2H, SIM38 PML64-2H, SIM38 PMT64-2H, SIM38 PMTL64-2H, SIM38 SHM-2H, SIM38 SHML-2H, SIM38 SHML64-2H, SIM38 SHMR-2H, SIM38 SHMS-2H

Rated at	Input: 300-1000V, 50-7A, DC
Trade Name	IMO
Comments	Type SIM38 1 string - 2 poles in series / 2 poles parallel 2H pole: Ue = 300 – 1000 V, Ith = 50 A, Ie = 50 – 7 A, Imake/break = 200 – 28 A

Model	SIM38 BMD64R-4, SIM38 BMDC64-4, SIM38 BMDC64R-4, SIM38 BMDCL64-4, SIM38 BMS64R-4, SIM38 DB-4, SIM38 DBL-4, SIM38 DBS-4, SIM38 PEL64R-4, SIM38 PM64-4, SIM38 PM64R-4, SIM38 PML64-4, SIM38 PMT64-4, SIM38 PMTL64-4, SIM38 SHM-4, SIM38 SHML-4, SIM38 SHML64-4, SIM38 SHMR-4, SIM38 SHMS-4
Rated at	Input: 300-1000V, 38-7A, DC
Trade Name	IMO
Comments	Type SIM38 2 string - 2 poles in series 2 pole: Ue = 300 – 1000 V, Ith = 38 A, Ie = 38 – 7 A, Imake/break = 152 – 28 A

Model	SIM38 BMD64R-4B or 4S or 4T, SIM38 BMDC64-4B or 4S or 4T, SIM38 BMDC64R-4B or 4S or 4T, SIM38 BMDCL64-4B or 4S or 4T, SIM38 BMS64R-4B or 4S or 4T, SIM38 DB-4B or 4S or 4T, SIM38 DBL-4B or 4S or 4T, SIM38 DBS-4B or 4S or 4T, SIM38 PEL64R-4B or 4S or 4T, SIM38 PM64-4B or 4S or 4T, SIM38 PM64R-4B or 4S or 4T, SIM38

	PML64-4B or 4S or 4T, SIM38 PMT64-4B or 4S or 4T, SIM38 PMTL64-4B or 4S or 4T, SIM38 SHM-4B or 4S or 4T, SIM38 SHML-4B or 4S or 4T, SIM38 SHML64-4B or 4S or 4T, SIM38 SHMR-4B or 4S or 4T, SIM38 SHMS-4B or 4S or 4T
Rated at	Input: 300-1000V, 45-38A, DC
Trade Name	IMO
Comments	Type SIM38 1 string – 4 poles in series 4 pole: Ue = 300 – 1000 V, Ith = 45 A, Ie = 45 – 38 A, Imake/break = 180 – 152 A