



## NRNT8.E146487 Switches, Industrial Control Certified for Canada - Component

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### Switches, Industrial Control Certified for Canada - Component

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#### IMO PRECISION CONTROLS LTD

E146487

1000 N Circular Rd  
Staples Corner  
London, NW2 7JP UNITED KINGDOM

#### Investigated to CAN/CSA C22.2. No. 14-10

**Electronic data processing and similar equipment, open type** Model(s) HY followed by 2,3, or 4, followed by 1 or 2, followed by XX, followed by 6-240 AC or 5-110 DC

**Field Installed Accessories - Enclosure** Model(s) SI12-ES-PE-2, SI12-ES-PE-2H, SI12-ES-PE-4, SI12-PE64-2, SI12-PE64-2H, SI12-PE64-3, SI12-PE64-4, SI12-PE64R-2, SI12-PE64R-2H, SI12-PE64R-4, SI12-PE64R-4, SI12-PEL64R-2, SI12-PEL64R-2-M25, SI12-PEL64R-2-M25A, SI12-PEL64R-2H-M25, SI12-PEL64R-2H-M25A, SI12-PEL64R-4, SI12-PEL64R-4-M25, SI12-PEL64R-4-M25A, SI12-PEL64R-4B-M25, SI12-PEL64R-4B-M25A, SI12-PEL64R-4S-M25, SI12-PEL64R-4S-M25A, SI12-PEL64R-4T-M25, SI12-PEL64R-4T-M25A, SI16-P1-B, SI16-PEL64R-2-M25, SI16-PEL64R-2-M25A, SI16-PEL64R-2H-M25, SI16-PEL64R-2H-M25A, SI16-PEL64R-4-M25, SI16-PEL64R-4-M25A, SI16-PEL64R-4B-M25, SI16-PEL64R-4B-M25A, SI16-PEL64R-4S-M25, SI16-PEL64R-4S-M25A, SI16-PEL64R-4T-M25, SI16-PEL64R-4T-M25A, SI16-PM64-4B (\*), SI16-PM64-4H, SI16-PM64-4S (\*), SI16-PM64-4T (\*), SI16-PM64-6, SI16-PM64-8, SI16-PM64-4S (\*), SI16-PML64-2, SI16-PML64-2H, SI16-PML64-4, SI16-PML64-4B, SI16-PML64-4S, SI16-PML64-4T, SI20-ES-PE-2, SI20-ES-PE-2H, SI20-ES-PE-4, SI20-PE64-2, SI20-PE64-2H, SI20-PE64-3, SI20-PE64-4, SI20-PE64R-2, SI20-PE64R-2H, SI20-PE64R-4, SI25-P1-B, SI25-P1-C, SI25-PEL64R-2-M25, SI25-PEL64R-2-M25A, SI25-PEL64R-2H-M25, SI25-PEL64R-2H-M25A, SI25-PEL64R-4-M25, SI25-PEL64R-4-M25A, SI25-PEL64R-4B-M25, SI25-PEL64R-4B-M25A, SI25-PEL64R-4S-M25, SI25-PEL64R-4S-M25A, SI25-PEL64R-4T-M25, SI25-PEL64R-4T-M25A, SI32-BMDC64-2 (\*), SI32-BMDC64-2H (\*), SI32-BMDC64-3 (\*), SI32-BMDC64-4 (\*), SI32-BMDC64R-2 (\*), SI32-BMDC64R-2H (\*), SI32-BMDC64R-4 (\*), SI32-ES-BMDC-2 (\*), SI32-ES-BMDC-2H (\*), SI32-ES-BMDC-4 (\*), SI32-ES-DB-2H, SI32-ES-DB-4, SI32-ES-SHM-2, SI32-ES-SHM-2H, SI32-ES-SHM-4, SI32-P1-B, SI32-P1-C, SI32-PEL64R-2-M25, SI32-PEL64R-2-M25A, SI32-PEL64R-2H-M25, SI32-PEL64R-2H-M25A, SI32-PEL64R-4-M25, SI32-PEL64R-4-M25A, SI32-PEL64R-4B-M25, SI32-PEL64R-4B-M25A, SI32-PEL64R-4S-M25, SI32-PEL64R-4S-M25A, SI32-PEL64R-4T-M25, SI32-PEL64R-4T-M25A, SI32-SHM-2, SI32-SHM-2H, SI32-SHM-3, SI32-SHM-4, SI32-SHML-2, SI32-SHML-2H, SI32-SHML-4

**Industrial applications, open type** Model(s) QY f/b 1 or 2, f/b 1 or 2, f/b XX or XN, f/b nil or C, f/b nil or F, f/b 5, 6, 12, 24, 48, 110, 220, or 240, f/b AC or DC

**Industrial Control Switch** Model(s) SI16-P1-A, SI16-P1-C, SI25-P1-A, SI32-P1-A

**Industrial control switch general purpose micro switches** Model(s) HDM followed by numbers or letters to signify variant.

**Industrial control switches** Model(s) EM2 followed by nil, H or S, followed by CWL, followed by 3 thru 48 followed by VDC.

EN2 followed by H, SN or TN, followed by C, followed by WL, followed by 3 thru 48 followed by VDC.

ET followed by N or P, followed by 1A, followed by N, N1, N2 or T, followed by SL, followed by 5 thru 24 followed by VDC.

EV1N followed by nil or P, followed by C, followed by WL, followed by 1.5 thru 24, followed by VDC.

HY followed by 21, 22, 41 or 42, followed by XX or XN, followed by 12 thru 230, followed by VDC or VAC, followed by VDC or VAC SR followed by H or P, followed by 2, followed by 0 or C.

HY, followed by 21, 22, 41 or 42, followed by PN, PND or PX, followed by 12 thru to 230, followed by VDC or VAC.

QY followed by 2, followed by 1 or 2, followed by PR or XX, followed by 12 thru 240, followed by DC or AC.

RSE followed by 2, followed by PN, followed by 6VDC, 12VDC, 24VDC, 48VDC, 100VDC, 110VDC, 6VAC, 12VAC, 24VAC, 48VAC, 110VAC, 220VAC or 230VAC

RSE followed by 3, followed by PN, followed by 6VDC, 12VDC, 24VDC, 48VDC, 100VDC, 110VDC, 6VAC, 12VAC, 24VAC, 48VAC, 110VAC, 220VAC or 230VAC

SR followed by C, N or P, followed by 2 or 4, followed by 0 or S.

SRH followed by 1A or 1C, followed by SL, followed by 5 thru 48, followed by VDC.

SRM followed by 1A or 1C, followed by F or S, followed by L, followed by 5 thru 48, followed by VDC.

**Magnetic motor controllers** Model(s) EM1-CW12, EM1-CW24, EM1-CW48, EM1-CW5

**Open type for use in electronic data processing and similar equipment** Model(s) SRCA f/b nil or P, f/b 1A, f/b F or S, f/b L, f/b 3 through to 48, f/b VDC.

**Open type for use in industrial applications** Model(s) EJHP followed by nil, A or B, followed by 1A, 1B, 1C, 2A, 2B, 2C, 1A1 or 1B1, followed by N, N1, T or T1, f/b F or S, f/b L, f/b 5 through to 60, followed by VDC.

ERB followed by 2A, followed by nil or S, followed by L, followed by 5 through to 48, followed by VDC.

ERRL followed by nil or H, followed by nil or N, followed by 1A, 1B or 1C, followed by F or S, followed by L, followed by 5 through to 48, followed by VDC.



SI25-PEL64R-4B, SI25-PEL64R-4H, SI25-PEL64R-4S, SI25-PEL64R-4T, SI25-PEL64R-6, SI25-PEL64R-8, SI25-PM64-4B (\*), SI25-PM64-4H, SI25-PM64-4S (\*), SI25-PM64-4T (\*), SI25-PM64-6, SI25-PM64-8, SI25-PM64R-4B (\*), SI25-PM64R-4H, SI25-PM64R-4S (\*), SI25-PM64R-4T (\*), SI25-PM64R-6, SI25-PM64R-8, SI25-PML64-2, SI25-PML64-2H, SI25-PML64-4, SI25-PML64-4B, SI25-PML64-4S, SI25-PML64-4T, SI25-SHM-4B, SI25-SHM-4H, SI25-SHM-4S, SI25-SHM-4T, SI25-SHM-6, SI25-SHM-8, SI25-SHML-4B, SI25-SHML-4H, SI25-SHML-4S, SI25-SHML-4T, SI25-SHML-6, SI25-SHML-8, SI32-BMD64-2 (\*), SI32-BMD64-2H (\*), SI32-BMD64-3 (\*), SI32-BMD64-4 (\*), SI32-BMD64-4+2 (\*), SI32-BMD64-4B (\*), SI32-BMD64-4S (\*), SI32-BMD64-4T (\*), SI32-BMD64-6 (\*), SI32-BMD64-8 (\*), SI32-BMD64R-2 (\*), SI32-BMD64R-2H (\*), SI32-BMD64R-4 (\*), SI32-BMD64R-4B (\*), SI32-BMD64R-4H (\*), SI32-BMD64R-4S (\*), SI32-BMD64R-4T (\*), SI32-BMD64R-6 (\*), SI32-BMD64R-8, SI32-BMDC64-4+2 (\*), SI32-BMDC64-4B (\*), SI32-BMDC64-4S (\*), SI32-BMDC64-4T (\*), SI32-BMDC64-6 (\*), SI32-BMDC64-8 (\*), SI32-BMDC64R-4B (\*), SI32-BMDC64R-4H (\*), SI32-BMDC64R-4S (\*), SI32-BMDC64R-4T (\*), SI32-BMDC64R-6 (\*), SI32-BMDC64R-8 (\*), SI32-DB-4B(\*), SI32-DB-4H, SI32-DB-4S (\*), SI32-DB-4T (\*), SI32-DB-6, SI32-DB-8, SI32-DBL-4B (\*), SI32-DBL-4H, SI32-DBL-4S (\*), SI32-DBL-4T (\*), SI32-DBL-6, SI32-DBL-8, SI32-ES-BMDC-4B (\*), SI32-ES-BMDC-4H (\*), SI32-ES-BMDC-4S (\*), SI32-ES-BMDC-4T (\*), SI32-ES-BMDC-6 (\*), SI32-ES-BMDC-8 (\*), SI32-ES-DB-4B, SI32-ES-DB-4H, SI32-ES-DB-4S, SI32-ES-DB-4T, SI32-ES-DB-6, SI32-ES-DB-8, SI32-ES-PEL-2, SI32-ES-PEL-2H, SI32-ES-PEL-3, SI32-ES-PEL-4, SI32-ES-PEL-4B, SI32-ES-PEL-4H, SI32-ES-PEL-4S, SI32-ES-PEL-4T, SI32-ES-PEL-6, SI32-ES-PEL-8, SI32-ES-PM64-4B, SI32-ES-PM64-4H, SI32-ES-PM64-4S, SI32-ES-PM64-4T, SI32-ES-PM64-6, SI32-ES-PM64-8, SI32-ES-PM64R-4B, SI32-ES-PM64R-4H, SI32-ES-PM64R-4S, SI32-ES-PM64R-4T, SI32-ES-PM64R-6, SI32-ES-PM64R-8, SI32-ES-SHM-4+2, SI32-ES-SHM-4B, SI32-ES-SHM-4S, SI32-ES-SHM-4T, SI32-ES-SHM-6, SI32-ES-SHM-8, SI32-PEL64-2, SI32-PEL64-2H, SI32-PEL64-3, SI32-PEL64-4, SI32-PEL64-4B, SI32-PEL64-4H, SI32-PEL64-4S, SI32-PEL64-4T, SI32-PEL64-6, SI32-PEL64-8, SI32-PEL64R-2, SI32-PEL64R-2H, SI32-PEL64R-4, SI32-PEL64R-4B, SI32-PEL64R-4H, SI32-PEL64R-4S, SI32-PEL64R-4T, SI32-PEL64R-6, SI32-PEL64R-8, SI32-PM64-2-2H, SI32-PM64-4B (\*), SI32-PM64-4H, SI32-PM64-4S(\*), SI32-PM64-4T(\*), SI32-PM64-6, SI32-PM64-8, SI32-PM64R-4B (\*), SI32-PM64R-4H, SI32-PM64R-4S (\*), SI32-PM64R-4T (\*), SI32-PM64R-6, SI32-PM64R-8, SI32-PML64-2, SI32-PML64-2H, SI32-PML64-4, SI32-PML64-4B, SI32-PML64-4S, SI32-SHM-4B, SI32-SHM-4H, SI32-SHM-4S, SI32-SHM-4T, SI32-SHM-6, SI32-SHM-8, SI32-SHML-4B, SI32-SHML-4H, SI32-SHML-4S, SI32-SHML-4T, SI32-SHML-6, SI32-SHML-8

**Relays** Model(s) STN followed by 1A, followed by N or T, followed by SL, followed by 4.5 through to 24, followed by VDC.

**Switched, Industrial Control** Model(s) ETNA followed by 1A or 1A1, followed by N, N1, T or T1, followed by SL, maybe followed by nil, B or F, followed by 4.5, 5, 6, 9, 12, 18, 24, followed by VDC.

ETPA followed by 1A or 1A1, followed by N, N1, T or T1, followed by SL, maybe followed by nil, B or F, followed by 4.5, 5, 6, 9, 12, 18, 24, followed by VDC

#### Investigated to CAN/CSA-C22.2 No.60947-1-13 and CAN/CSA-C22.2 No.60947-4-1-14

**Field Installed Accessories - Enclosure** Model(s) Open-Type Industrial Control Switches, Type SI32-BMDC64R-SE1-X95

**Open type, Manually operated switches** Model(s) SI16-P1-D, SI16-P1-D2, SI16-P1-S, SI25-P1-D2, SI25-P1-S, SI32-P1-D2, SI32-P1-S

**Open-Type Industrial Control Switches** Model(s) SI16-SHMLR-2, SI25-SHMLR-2, SI32-SHMLR-2, SI16-SHMLR-4, SI25-SHMLR-4, SI32-SHMLR-4

#### Investigated to

**Open type, for use in industrial applications** Model(s) HYE followed by 2, 3 or 4, followed by 1 or 2, followed XX, followed by nil or F, followed by 6 thru 110 VDC or 6 thru 240 VAC

(\*) - All types can be followed by identical letters and/or numbers.

(a) - 1=Plug-in (socket type), 2=PCB, X=No LED, N=LED, F=Flange mount



Marking: Company name or trademark **IMO**, **IMO**, **IMO**, model designation and the Recognized Component Mark

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