

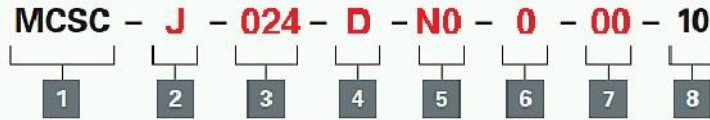


Powering Business Worldwide

Eaton/IH ToughCoils™, with rated connector, meet or exceed all major OEM environmental protection requirements



Model code



1 Function

MCSC - Solenoid coil

2 Series

- S - Size 8 (210 Bar)
- P - Size 8 (350 Bar)
- J - Size 10, 12, 16, 20 (210 Bar)
- H - Size 10, 12, 16, 20 (350 Bar)

3 Voltage rating

- 012 - 12 volt
- 024 - 24 volt
- 036 - 36 volt
- 048 - 48 volt
- 115 - 115 volt
- 230 - 230 volt

4 Voltage type

- D - DC
- B - DC/with flyback diode
- A - AC/with full bridge rectifier

5 Connector

- G0 - ISO 4400 DIN 43650
- Q0 - Spade Terminals
- W0 - Flying lead
- NO - Deutsch Male, DT04-2P, Integrated (DC Only) Mating Connector: Deutsch DT06-2S
- Y0 - Amp Jr (DC Only) Mating Connector: AMP 963040-3 or equivalent
- D0 - MetriPack® 150 Male, Integrated (DC Only) Mating Connector: Delphi 12052641

J0 - MetriPack® 280 Male, Integrated (DC Only) Mating Connector: Delphi 15300027

E0 - Weather-Pack (Packard) female on wire leads Mating Connector: Delphi 12010973

F0 - Weather-Pack (Packard) male on wire leads Mating Connector: Delphi 12015792

Note: Auxillary parts forming connectors may be required.

6 Lead length

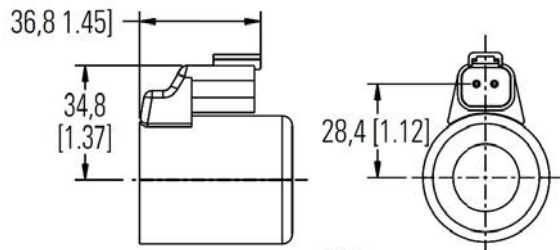
- 0 - None
- A - 152mm [6.0 in] (Standard length with connector)
- B - 610mm [24.0 in] (Standard length without connector)

7 Special features

00 - None (Only required if valve has special features, omitted if "00.")

8 Design code

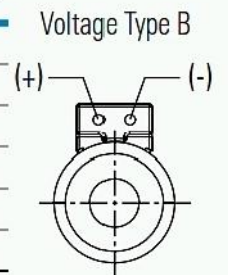
10 - Design code



NO
Deutsch male DTO4-2P integrated connector

Std. voltages Amperes*

12 DC	1.67
24 DC	0.83
36 DC	0.56
24 AC	0.93
115 AC	0.19
230 AC	0.10



Ratings and specifications

Duty Rating	Continuous from 85% to 110% of nominal voltage
Operating temperature	100°C (212°F) continuous @ nominal voltage
Lead Wires	18 gauge, standard 610 mm (24") long, UL style 3173 CSA CL 1251 (meets SAE J1128 XLPE style SXL)
Power Rating	S Series: 20W P Series: 23W J Series: 23W H Series: 29W
Encapsulant	Glass filled nylon
Magnet Wire	U.L. class N, 200°C (392°F) NEMA pub. No. MW 1000, section MW 35 C (single)
Flyback diode (arc suppressor)	Maximum recurrent peak reverse voltage – 800 V (optional)