

■ PERFORMANCE DATA

Duty cycle	100% at 110% of rated voltage
Magnet wire insulation	U.L. class N, 200°C [392°F] NEMA pub. No. MW 1000, section MW 35 – C [single]
Ambient temperature	100°C [212°F] continuous @ rated voltage
Input Voltage Range	85% to 110% of rated voltage
UL Rated (certificate available upon request)	

■ ENVIRONMENT PROTECTION

Rating	Connector Type
IP65	G0*
IP67	Y0, W0
IP69K	NO, DO, JO
Thermal shock dunk	W0 ¹ , NO, DO, JO

¹Passed environmental testing, but not as robust as other connectors

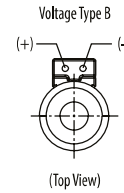
*Rating dependent on mating connector

■ ELECTRICAL SPECIFICATIONS

Voltage	12 DC	24 DC	115 AC	230 AC
Current (A)	2.42	1.21	0.28	0.14
Power (W)	29	29	29	29

*Nominal voltage 25°C (77°F).

Diode Information



Flyback diode
(arc suppressor),
maximum recurrent
peak reverse voltage
– 800V

■ MODEL CODE

MCSC - H - 012 - D - W0 - A - 00 - 10

Coil Series

H - Size 10, 12, 16, 20 [350 Bar]

Coil Voltage

Code	Coil Voltage
012	12 volt
024	24 volt
115	115 volt
230	230 volt

Voltage Type

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

Lead Length

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

Connector Type

G0 - ISO 4400 DIN 43650
Q0 - Spade terminals
W0 - Flying lead
N0 - Deutsch (DC only)
Y0 - Amp JR (DC only)
D0 - Metripack 150 male (DC only)
J0 - Metripack 280 male (DC only)

■ PART NUMBERS - (300AA00_____ - COMPLETE PART NUMBER IS 11 DIGITS)

Voltage	G0** Connector	Q0 Connector	W0 Connector	N0 Connector	Y0 Connector	D0 Connector	J0 Connector
12VDC	121A	129A	135A	141A	146A	151A	156A
24VDC	122A	130A	136A	142A	147A	152A	157A
115VAC	125A	—	—	—	—	—	—
230VAC	126A	—	—	—	—	—	—
12VDC*	127A	133A	139A	144A	149A	154A	159A
24VDC*	128A	134A	140A	145A	150A	155A	160A

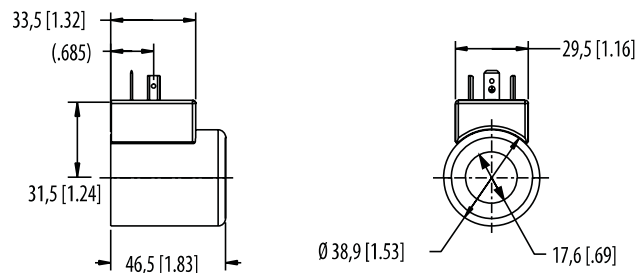
*With flyback diode. (Voltage type B)

**DIN 43560 mating connector for "G0" style coil – 02-166796 or AXP14116.

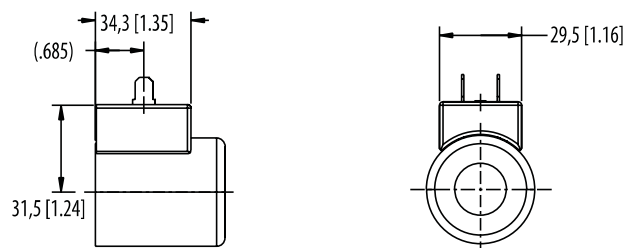
DIMENSIONS

mm [in]

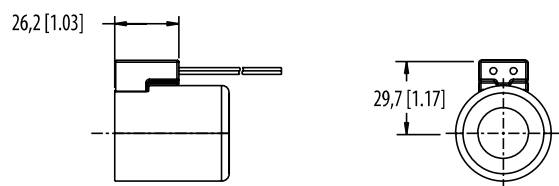
G0
DIN 43650



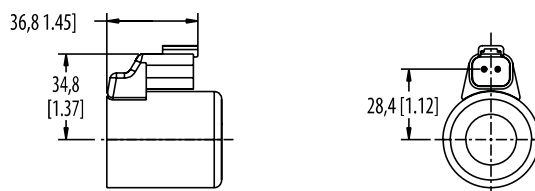
Q0
Spade connector



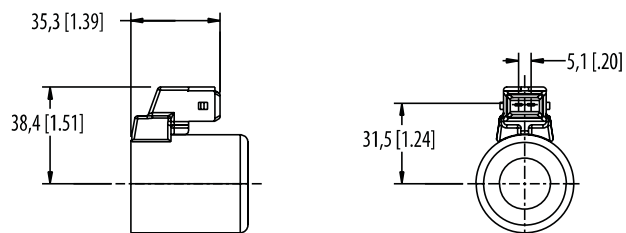
W0
Leadwire



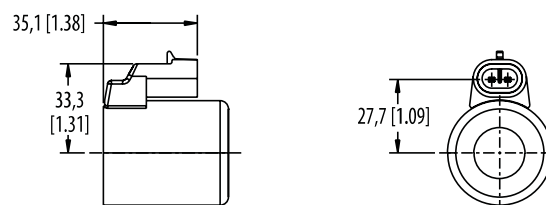
N0
Deutsch male DT04-2P integrated connector



Y0
AMP Junior timer integrated connector



D0
Metri-Pack 150 Male, integrated connector



J0
Metri-Pack 280 Male, integrated connector

