Coils and Electronics

R16

20W Robust Coill

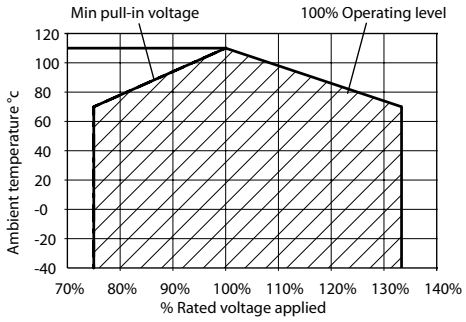
PERFORMANCE DATA

Duty cycle	100% at 133% of rated voltage and 70°C [158°F]
Magnet wire insulation	200°C [392° F]
Ambient temperature range	-40 to +70 °C [-40 to 158 °F]
Input voltage range	75% to 133% of rated voltage
Weight	0.34 kg [0.75 lb]

ENVIRONMENT PROTECTION

Rating	Connector Type
IP69K	AS, ASDB, DE, DEDB, FL, FLDB

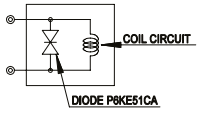
PERFORMANCE CURVES



ELECTRICAL SPECIFICATIONS

Voltage	10 VDC	12 VDC	20 VDC	24 VDC
Resistance (Ohms) @ 20 °C [68 °F]	4.8	6.9	20	28
Current draw (A) @ 20 °C [68 °F]	2.08	1.74	1.01	0.85
Power (W)	20	20	20	20
Retainer Color	Green	Gray	Blue	Yellow

Diode Information



Bi-directional, transient voltage suppression diodes:
Non polarity dependent, 51 volt nominal breakdown voltage.

MODEL CODE

R16 - 10D - 20W - AJ - UL

Coil Voltage

Code	Coil Voltage
10D	10VDC
12D	12 VDC
20D	20 VDC
24D	24 VDC

Coil Power

Connector Type

Code	Connector Type
AS	Amp SuperSeal 1
ASDB	Amp SuperSeal 1.5 with bi-directional diode
DE	Deutsch
DEDB	Deutsch with Diode
FL	Flying Leads
FLDB	Flying Leads with Diode

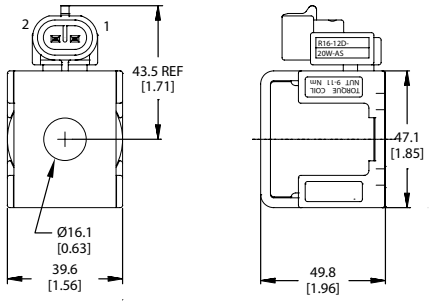
UL rating

Omit -Non-UL rated
UL -UL Rated (DE only)
*Certificate available upon request

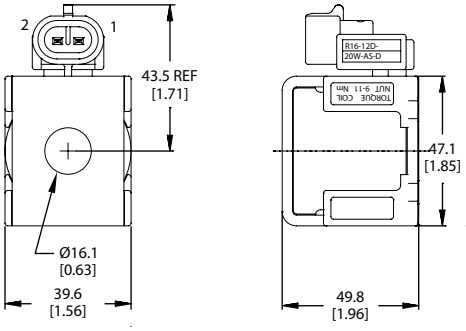
DIMENSIONS

mm [in]

AS
Amp SuperSeal 1.5/MetriPak 150 Type 1



ASDB
Amp SuperSeal 1.5/MetriPak 150 Type 1 w/Diode, Bi-Directional



Coils and Electronics

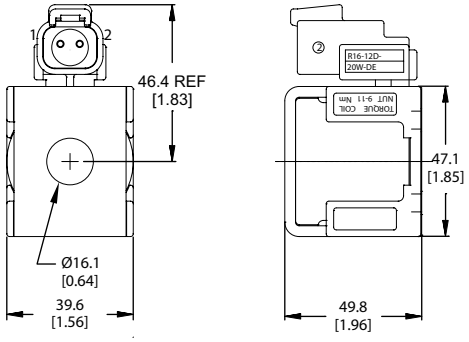
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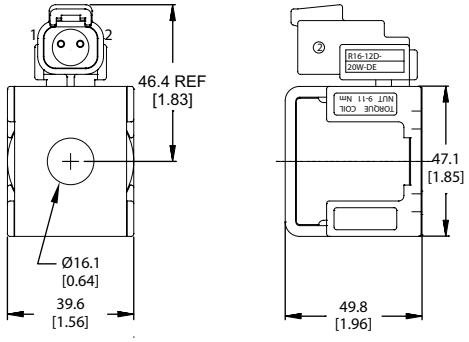
DIMENSIONS

mm [in]

DE
Deutsch

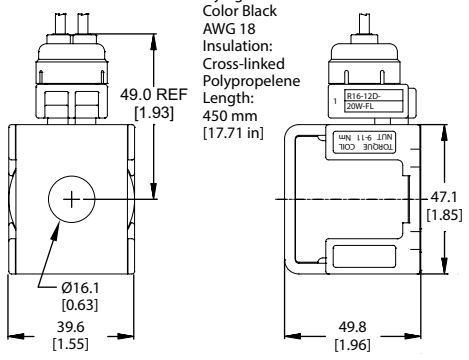


DEDB
Deutsch w/diode Bi-Directional



FL
Lead wires

Flying Leads
Color Black
AWG 18
Insulation:
Cross-linked
Polypropelene
Length:
450 mm
[17.71 in]



FLDB
Lead wires w/diode

