

Coils and Electronics

R13

16W Robust Coil

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	0.22 kg [0.49 lb]

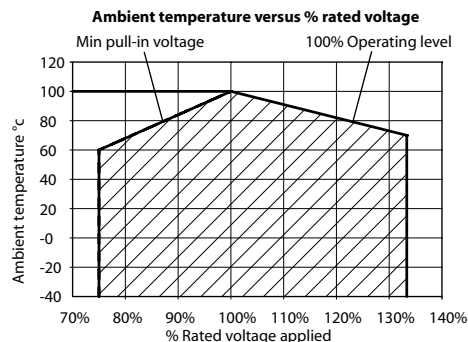
ENVIRONMENT PROTECTION

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

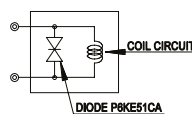
ELECTRICAL SPECIFICATIONS

Voltage	10 VDC	12 VDC	20 VDC	24 VDC
Resistance (Ohms) @ 20 °C [68 °F]	6.2	9	25	36
Current draw (A) @ 20 °C [68 °F]	1.62	1.34	0.81	0.67
Power (W)	16	16	16	16
Retainer Color	Green	Gray	Blue	Yellow

PERFORMANCE CURVES



Diode Information



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

MODEL CODE

R13 - 10D - 16W - AJ - UL

Coil Voltage

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

Coil Power

Connector Type

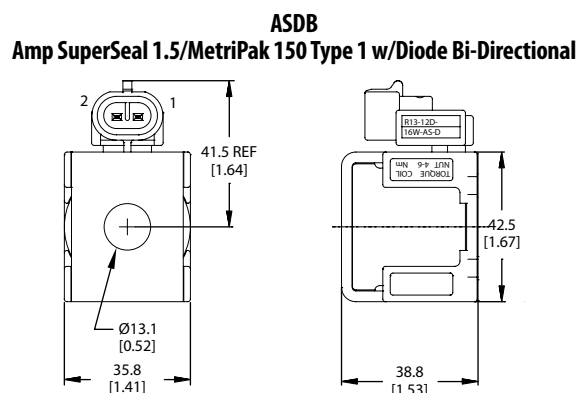
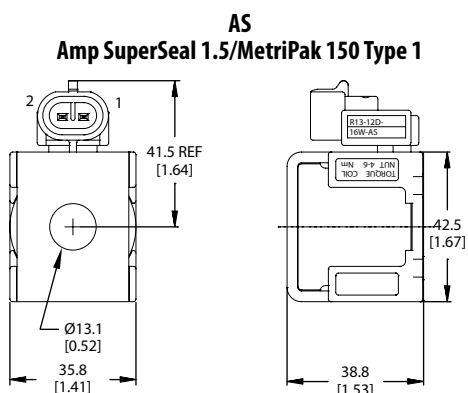
Code	Connector Type
AS	AMP SuperSeal 1.5
ASDB	AMP SuperSeal with Diode
DE	Deutsch
DEDB	Deutsch with Diode
FL	Flying Leads
FLDB	Flying Leads with Diode

UL Rating

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

DIMENSIONS

mm [in]



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■ DIMENSIONS

mm [in]

