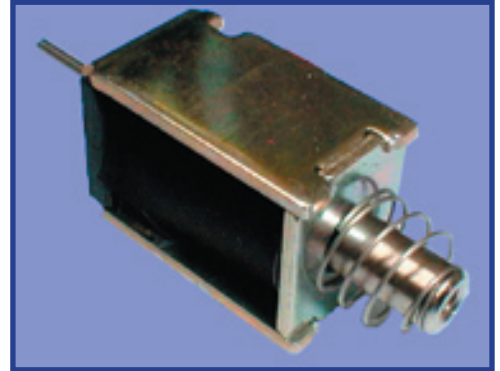


Solenoids

Series 44A Small, short stroke, high force solenoid



GENERAL DESCRIPTION

AC & DC types

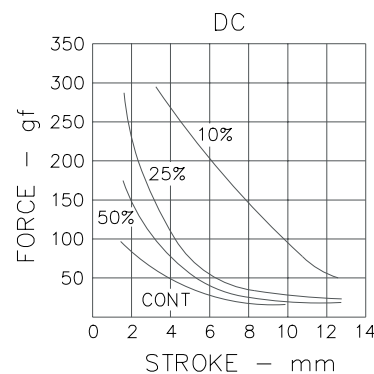
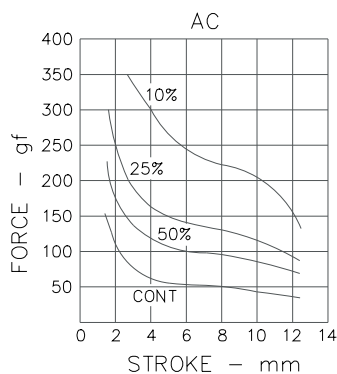
Pull & thrust versions

Shading ring for quiet AC operation

PERFORMANCE

	Item	Specification
ELECTRICAL	Maximum Ontime	See table below
	Closed power (continuous rating)	AC: 4.3VA DC: 3.0W
	Maximum permissible voltage	240V
	Dielectric Strength Insulation	1500V RMS 50Hz All coils tested to frame at 1500V RMS 50Hz
MECHANICAL	Weight	47.5g Plunger: 8.5g
	Ambient temperature	The information given on this page is based on room temperature of 20 C allowing for a nominal 75 C temperature rise in coil.
	Force/Stroke curve	These force curves show average performance only. In addition to normal manufacturing tolerances, deviations can be expected at some voltages due to the coil winding tolerances.

FORCE/STROKE CURVES & ON TIME

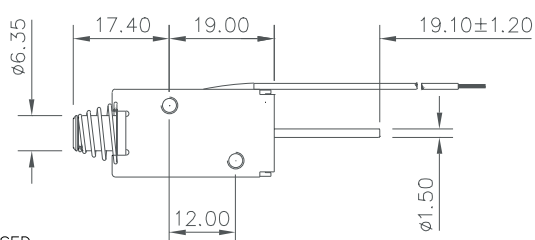


MAXIMUM ON TIME

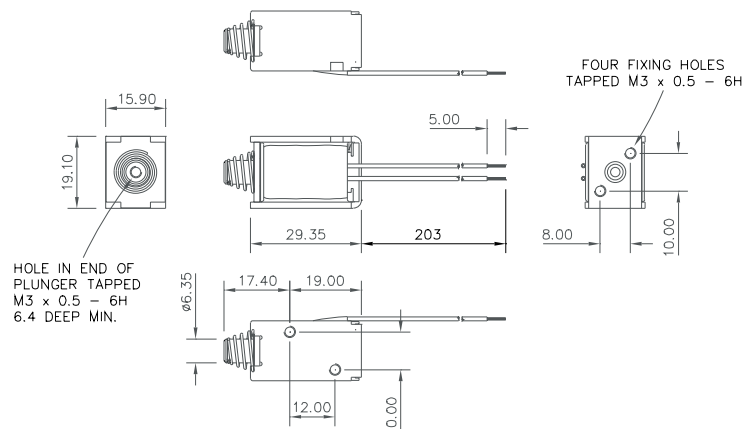
	10%		25%		50%	
	1 cycle	Cont. cycle	1 cycle	Cont cycling	1 cycle	Cont. cycling
AC	10 sec	6 sec	45 sec	30 sec	2.5 min	1.5 min
DC	20 sec	13 sec	45 sec	30 sec	2.0 min	1.5 min

DIMENSIONS (mm)

PUSH TYPE – SHOWN ENERGISED



PULL TYPE – SHOWN ENERGISED



CODING

4	4	A	2	2	0	X	X	X	X	X	X
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AC	1
DC	6
Pull	1
Push	2
STANDARD	0
With Push Off Spring	1

COIL	Cont.		50%		25%		10%	
115V AC 50 Hz	15		16		17		18	
220V AC 50Hz	23		24		25		26	
230V AC 50Hz	39		40		41		42	
6V DC	54		55		56		57	
12V DC	62		63		84		85	
24V DC	72		73		74		75	
50V DC	84		85		86		87	

Standard Leads	0
Solder Tags	3



BLP products are designed, manufactured and tested to ISO 9001 quality standards.
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