

MICROSWITCH a Honeywell Division

FED. MFG. CODE 91929

CHART

SERIES

CATALOG LISTING **SS400**

E 0034535

PTC/CAD

SOLID STATE SENSOR

SS400 SERIES CHART

TABLE I - MAGNETIC AND ELECTRICAL SPECIFICATIONS 22/21

-40°C0°C25°C85°C125°C150°C

	1 0			0 0		
MIN OPERATE GAUSS						
SS4IIA	NS	NS	NS	NS	NS	NS
SS413A	NS	NS	NS	NS	NS	NS
SS44IA	50	53	55	45	40	35
SS443A	110	110	110	90	80	65
SS449A	285	305	310	290	270	260
SS46IA	5	5	10	10	5	5
SS466A	100	100	100	95	80	70
MAX OPERATE GAUSS						
SS411A	70	65	60	60	65	70
SS4I3A	140	140	140	140	140	140
SS44IA	135	117	115	120	123	125
SS443A	215	190	180	180	190	200
SS449A	435	400	390	400	410	420
SS461A	110	90	85	85	100	110
SS466A	200	185	180	180	180	185
		' ' ' '	_ · · · ·			
MIN RELEASE GAUSS						
SS411A	- 70	-65	-60	-60	-65	- 70
SS413A	- 40	- 140	-140	- 40	-140	- 40
SS44IA	20	20	20	15	15	10
SS443A	80	80	75	70	60	55
SS449A	210	230	235	215	200	185
SS46IA	-110	-90	-85	-85	-100	-110
SS466A	-200	-185	-180	-180	-100	-185
		100	100	1 0 0		1
MAX RELEASE GAUSS						
SS411A	NS	NS	NS	NS	NS	NS
SS413A	NS	NS	NS	NS	NS	NS
SS44IA	120	99	95	105	115	120
SS443A	190	165	155	165	180	195
SS449A	360	325	315	325	340	345
SS461A	- 5	- 5	-10	-10	- 5	- 5
SS466A	-100	-100	-100	- 95	-80	- 70
		100	100			T , ,
MIN DIFF GAUSS						
SS411A	15	15	15	12	12	110
SS413A	20	20	20	20	20	20
SS441A	15	15	20	15	8	5
SS443A	25	25	25	15	10	5
SS449A	30	30	30	30	30	30
SS461A	50	50	50	50	50	50
SS466A	200	200	200	190	160	140

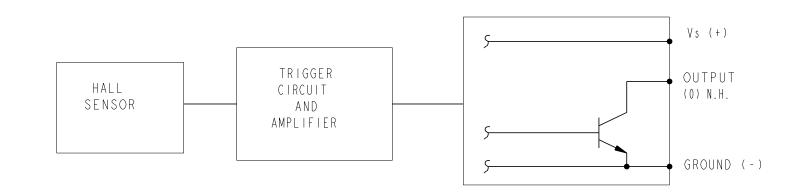


TABLE 2

PACKING	BAG
SPECIFIED VOLTAGE RANGE	3.8 - 30
MAX loff milliamp 15	9.0
MAX lon milliamp / 15	10.0
RATED SINK CURRENT Ma	20
MAX Vsat VOLTS /16\	0.4
MAX LEAKAGE AT 24V, UA /17	10
RISE TIME AT 25°C	
10% TO 90% US /4	1.5
FALL TIME AT 25°C	
90% TO 10% \(\mu \) S \(\sqrt{4} \)	1.5
STORAGE TEMP °C	-65 TO +160
OPERATING TEMP °C	-55 TO +160

ABSOLUTE LIMITS	TABLE 3
SUPPLY VOLTAGE	- I TO +30
APPLIED OUTPUT	
VOLTAGE	-0.5 TO +30
OUTPUT CURRENT mA	SEE TABLE 5
MAGNETIC FLUX GAUSS	NO LIMIT

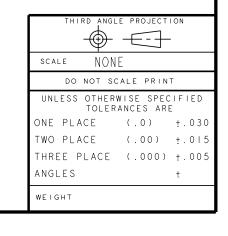


TABLE 4

CATALOG LISTING	MAGNETIC TYPE	BRAND SYMBOL
SS411A	BIPOLAR	LLA
SS413A	BIPOLAR	I 3 A
SS441A	UNIPOLAR	4 I A
SS443A	UNIPOLAR	43A
SS449A	UNIPOLAR	49A
SS461A	LATCH	6 I A
SS466A	LATCH	66A

TABLE 5

OUTPUT CURRENT			
ABSOLUTE LIMITS			
	OUTPUT		
SUPPLY	CURRENT		
VOLTAGE	MAX, MA		
-I TO 24	50		
24 TO 25	37		
25 TO 26	33		
26 TO 27	28		
27 TO 28	2 4		
28 TO 29	19		
29 TO 30	15		



ANSI YI4.5M-1982 APPLIES

