

Literature APPLICATION Guide

DC Medical Alarms (with Circuitry) IEC 60601-1-8 AMD1 & AMD2 (2020)



UL File #: MDAF2.E480572

CUL File #: MDAF8.E480572

MSS, MSW, & SBS Series: Speaker

SBT Series: Piezo Transducer

IEC 60601-1-8 Notes:

- MSW Series:
 - IEC supplied sound files
 - Priority tone models meet IEC 60601-1-8 AMD2 Tables G.3 & G.5
- MSS, SBS, & SBT Series:
 - Internally generated tones
 - General tone models meet IEC 60601-1-8 AMD1 & AMD2 Tables 3 & 4
 - Continuous tone models meet the freq. and rise & fall time listed in IEC 60601-1-8 AMD1 & AMD2 Table 4, but the user must control the on & off times to meet the other requirements of Tables 3 & 4.

23mm Speaker Alarms (With Circuitry)

MSW Series:

- IEC 60601-1-8 AMD2 (Tables G.3 & G.5)
- Uses the IEC Supplied .WAV Sound Files

Sound, Electrical, & Size Characteristics

Part Number Prefix	Typical Sound Level @ 10 cm (dBa)	Operating Voltage (Vdc)	Ave Current (mA)	Max Instant Current (mA)	Size Dia x Hgt (mm)
MSW5	85 to 95	2.7 to 5.5	150	350	23 x 13.5

Model Listing

Part Number	Sound Type	IEC 60601-1-8 Table	1 st Tone Medical	2 nd Tone Medical	3 rd Tone Medical	Mounting Type
Single Low Priority General Medical Tone						
MSW5GL	General	G.3	Low Priority	N/A	N/A	2 PC Pins

Single Medium Priority Medical Tone						
MSW5GM	General	G.3	Med Priority	N/A	N/A	2 PC Pins
MSW5*M	See Note	G.3 & G.5	Med Priority	N/A	N/A	2 PC Pins

Single High Priority Medical Tone						
MSW5GH	General	G.3	High Priority	N/A	N/A	2 PC Pins
MSW5*H	See Note	G.3 & G.5	High Priority	N/A	N/A	2 PC Pins

Three Priority General Medical Tones						
MSW5G	General	G.3	Low Priority	Med Priority	High Priority	5 PC Pins
MSW5*	See Note	G.3 & G.5	Low Priority	Med Priority	High Priority	5 PC Pins

Note: * = C (Cardiac), D (Drug or Fluid Delivery), E (Equipment/Supply Failure),
P (Artificial Perfusion), T (Temp-Energy), or V (Ventilation)

23mm Speaker Alarms (With Circuitry)

Model Listing (Con't)

Part Number	Sound Type	IEC 60601-1-8 Table	1 st Tone Medical	2 nd Tone Medical	3 rd Tone 2500 Hz	Mounting Type
Two Priority Medical Tones & One Other Non-Medical Tone						
MSW5GLHCT	General	G.3	Low Priority	High Priority	Continuous	5 PC Pins
MSW5GLHFP	General	G.3	Low Priority	High Priority	Fast Pulse	5 PC Pins
MSW5GLHMP	General	G.3	Low Priority	High Priority	Medium Pulse	5 PC Pins
MSW5GLHSP	General	G.3	Low Priority	High Priority	Slow Pulse	5 PC Pins
MSW5GLMCT	General	G.3	Low Priority	Med Priority	Continuous	5 PC Pins
MSW5GLMFP	General	G.3	Low Priority	Med Priority	Fast Pulse	5 PC Pins
MSW5GLMMP	General	G.3	Low Priority	Med Priority	Medium Pulse	5 PC Pins
MSW5GLMSP	General	G.3	Low Priority	Med Priority	Slow Pulse	5 PC Pins
MSW5GMHCT	General	G.3	Med Priority	High Priority	Continuous	5 PC Pins
MSW5GMHFP	General	G.3	Med Priority	High Priority	Fast Pulse	5 PC Pins
MSW5GMHMP	General	G.3	Med Priority	High Priority	Medium Pulse	5 PC Pins
MSW5GMHSP	General	G.3	Med Priority	High Priority	Slow Pulse	5 PC Pins
MSW5* LHCT	See Note	G.3 & G.5	Low Priority	High Priority	Continuous	5 PC Pins
MSW5* LHFP	See Note	G.3 & G.5	Low Priority	High Priority	Fast Pulse	5 PC Pins
MSW5* LHMP	See Note	G.3 & G.5	Low Priority	High Priority	Medium Pulse	5 PC Pins
MSW5* LHSP	See Note	G.3 & G.5	Low Priority	High Priority	Slow Pulse	5 PC Pins
MSW5* LMCT	See Note	G.3 & G.5	Low Priority	Med Priority	Continuous	5 PC Pins
MSW5* LMFP	See Note	G.3 & G.5	Low Priority	Med Priority	Fast Pulse	5 PC Pins
MSW5* LMMP	See Note	G.3 & G.5	Low Priority	Med Priority	Medium Pulse	5 PC Pins
MSW5* LMSP	See Note	G.3 & G.5	Low Priority	Med Priority	Slow Pulse	5 PC Pins
MSW5* MHCT	See Note	G.3 & G.5	Med Priority	High Priority	Continuous	5 PC Pins
MSW5* MHFP	See Note	G.3 & G.5	Med Priority	High Priority	Fast Pulse	5 PC Pins
MSW5* MHMP	See Note	G.3 & G.5	Med Priority	High Priority	Medium Pulse	5 PC Pins
MSW5* MHSP	See Note	G.3 & G.5	Med Priority	High Priority	Slow Pulse	5 PC Pins

Part Number	Sound Type	IEC 60601-1-8 Table	1 st Tone Medical	2 nd Tone 2500 Hz	3 rd Tone 2500 Hz	Mounting Type
One Priority Medical Tone & Two Other Non-Medical Tones						
MSW5GLCFP	General	G.3	Low Priority	Continuous	Fast Pulse	5 PC Pins
MSW5GLCMP	General	G.3	Low Priority	Continuous	Medium Pulse	5 PC Pins
MSW5GLCSP	General	G.3	Low Priority	Continuous	Slow Pulse	5 PC Pins
MSW5* MCFP	See Note	G.3 & G.5	Med Priority	Continuous	Fast Pulse	5 PC Pins
MSW5* MCMP	See Note	G.3 & G.5	Med Priority	Continuous	Medium Pulse	5 PC Pins
MSW5* MCSP	See Note	G.3 & G.5	Med Priority	Continuous	Slow Pulse	5 PC Pins
MSW5* HCFP	See Note	G.3 & G.5	High Priority	Continuous	Fast Pulse	5 PC Pins
MSW5* HCMP	See Note	G.3 & G.5	High Priority	Continuous	Medium Pulse	5 PC Pins
MSW5* HCSP	See Note	G.3 & G.5	High Priority	Continuous	Slow Pulse	5 PC Pins

Note: * = C (Cardiac), D (Drug or Fluid Delivery), E (Equipment/Supply Failure),
P (Artificial Perfusion), T (Temp-Energy), or V (Ventilation)

23mm Speaker Alarms (With Circuitry)

MSS Series:

- IEC 60601-1-8 AMD1 & AMD2
- Tones are generated internally (Tables 3 & 4)

Sound, Electrical, & Size Characteristics

Part Number Prefix	Typical Sound Level @ 10 cm (dBa)	Operating Voltage (Vdc)	Ave Current (mA)	Max Instant Current (mA)	Size Dia x Hgt (mm)
MSS5	85 to 95	4.5 to 5.5	150	400	23 x 13.5

Note: For continuous P/N MSS5M0, Average Current = 200 mA and Max Instant Current = 250 mA

Model Listing

Part Number	Sound Type	Mounting Type	IEC 60601-1-8 Table	Comment
Single Continuous Medical Tone				
MSS5M0	Continuous	2 PC Pins	4	User must control the on & off times to meet Tables 3 & 4

Part Number	Sound Type	IEC 60601-1-8 Tables	1 st Tone Medical	2 nd Tone Medical	3 rd Tone Medical	Mounting Type
Single Low Priority General Medical Tone						
MSS5GL	General	3 & 4	Low Priority	N/A	N/A	2 PC Pins

Single Low Priority General Medical Tone						
MSS5GM	General	3 & 4	Med Priority	N/A	N/A	2 PC Pins

Single Low Priority General Medical Tone						
MSS5GH	General	3 & 4	High Priority	N/A	N/A	2 PC Pins

Single Low Priority General Medical Tone						
MSS5G	General	3 & 4	Low Priority	Med Priority	High Priority	5 PC Pins

Part Number	Sound Type	IEC 60601-1-8 Tables	1 st Tone Medical	2 nd Tone Medical	3 rd Tone 2500 Hz	Mounting Type
Two Priority Medical Tones & One Other Non-Medical Tone						
MSS5GLHCT	General	3 & 4	Low Priority	High Priority	Continuous	5 PC Pins
MSS5GLHFP	General	3 & 4	Low Priority	High Priority	Fast Pulse	5 PC Pins
MSS5GLHMP	General	3 & 4	Low Priority	High Priority	Medium Pulse	5 PC Pins
MSS5GLHSP	General	3 & 4	Low Priority	High Priority	Slow Pulse	5 PC Pins
MSS5GLMCT	General	3 & 4	Low Priority	Med Priority	Continuous	5 PC Pins
MSS5GLMFP	General	3 & 4	Low Priority	Med Priority	Fast Pulse	5 PC Pins
MSS5GLMMP	General	3 & 4	Low Priority	Med Priority	Medium Pulse	5 PC Pins
MSS5GLMSP	General	3 & 4	Low Priority	Med Priority	Slow Pulse	5 PC Pins
MSS5GMHCT	General	3 & 4	Med Priority	High Priority	Continuous	5 PC Pins
MSS5GMHFP	General	3 & 4	Med Priority	High Priority	Fast Pulse	5 PC Pins
MSS5GMHMP	General	3 & 4	Med Priority	High Priority	Medium Pulse	5 PC Pins
MSS5GMHSP	General	3 & 4	Med Priority	High Priority	Slow Pulse	5 PC Pins

23mm Speaker Alarms (With Circuitry)

Model Listing (Con't)

Part Number	Sound Type	IEC 60601-1-8 Tables	1 st Tone Medical	2 nd Tone 2500 Hz	3 rd Tone 2500 Hz	Mounting Type
One Priority General Medical Tone & Two Other Non-Medical Tones						
MSS5GLCFP	General	3 & 4	Low Priority	Continuous	Fast Pulse	5 PC Pins
MSS5GLCMP	General	3 & 4	Low Priority	Continuous	Medium Pulse	5 PC Pins
MSSGLCSP	General	3 & 4	Low Priority	Continuous	Slow Pulse	5 PC Pins
MSS5GMCFP	General	3 & 4	Med Priority	Continuous	Fast Pulse	5 PC Pins
MSS5GMCMP	General	3 & 4	Med Priority	Continuous	Medium Pulse	5 PC Pins
MSS5GMCSP	General	3 & 4	Med Priority	Continuous	Slow Pulse	5 PC Pins
MSS5GHCFP	General	3 & 4	High Priority	Continuous	Fast Pulse	5 PC Pins
MSS5GHCMP	General	3 & 4	High Priority	Continuous	Medium Pulse	5 PC Pins
MSS5GHSP	General	3 & 4	High Priority	Continuous	Slow Pulse	5 PC Pins

45mm Speaker Alarms (With Circuitry)

SBS Series:

- IEC 60601-1-8 AMD1 & AMD2
- Tones are generated internally (Tables 3 & 4)

Sound, Electrical, & Size Characteristics

Part Number Prefix	Typical Sound Level @ 10 cm (dBa)	Operating Voltage (Vdc)	Ave Current (mA)	Max Instant Current (mA)	Size Dia x Hgt (mm)
SBS12	95 to 105	9 to 12	200	630	45.5 x 14.25

Note: For continuous part numbers, Ave Current = 300 mA and Max Instant Current = 400 mA

Part Number Suffix	Termination Type	Part Size Dia x Hgt (mm)
PC	PC Pins (2 to 5 pins)	44.5 x 14.25
FL	Flange with Bare Wires	64.5 x 14.25

Model Listing

Part Number	Sound Type	IEC 60601-1-8 Table	Mounting Type
Single Continuous Medical Tone			
SBS12M0PC	Continuous (see note)	4 (see note)	2 PC Pins
SBS12M0FL	Continuous (see note)	4 (see note)	Flange w/Bare Wires

Notes: Continuous tone models meet the freq. and rise & fall times listed in IEC 60601-1-8 Table 4, but the user must control the on & off times to meet the other requirements of Tables 3 & 4

Part Number	Sound Type	IEC 60601-1-8 Tables	1 st Tone Medical	2 nd Tone Medical	3 rd Tone Medical	Mounting Type
Single Low Priority General Medical Tone						
SBS12GLPC	General	3 & 4	Low Priority	N/A	N/A	2 PC Pins
SBS12GLFL	General	3 & 4	Low Priority	N/A	N/A	Flange w/Bare Wires

Single Medium Priority General Medical Tone						
SBS12GMPC	General	3 & 4	Med Priority	N/A	N/A	2 PC Pins
SBS12GMFL	General	3 & 4	Med Priority	N/A	N/A	Flange w/Bare Wires

Single High Priority General Medical Tone						
SBS12GHPC	General	3 & 4	High Priority	N/A	N/A	2 PC Pins
SBS12GHFL	General	3 & 4	High Priority	N/A	N/A	Flange w/Bare Wires

Three Priority General Medical Tones						
SBS12M1PC	General	3 & 4	Low Priority	Med Priority	High Priority	5 PC Pins

45mm Speaker Alarms (With Circuitry)

Model Listing (Con't)

Part Number	Sound Type	IEC 60601-1-8 Tables	1 st Tone Medical	2 nd Tone Medical	3 rd Tone 2500 Hz	Mounting Type
Two Priority General Medical Tones & One Other Non-Medical Tone						
SBS12GLHCTPC	General	3 & 4	Low Priority	High Priority	Continuous	5 PC Pins
SBS12GLHFPPC	General	3 & 4	Low Priority	High Priority	Fast Pulse	5 PC Pins
SBS12GLHMPPC	General	3 & 4	Low Priority	High Priority	Medium Pulse	5 PC Pins
SBS12GLHSPPC	General	3 & 4	Low Priority	High Priority	Slow Pulse	5 PC Pins
SBS12GLMCTPC	General	3 & 4	Low Priority	Med Priority	Continuous	5 PC Pins
SBS12GLMFPPC	General	3 & 4	Low Priority	Med Priority	Fast Pulse	5 PC Pins
SBS12GLMMPPC	General	3 & 4	Low Priority	Med Priority	Medium Pulse	5 PC Pins
SBS12GLMSPPC	General	3 & 4	Low Priority	Med Priority	Slow Pulse	5 PC Pins
SBS12GMHCTPC	General	3 & 4	Med Priority	High Priority	Continuous	5 PC Pins
SBS12GMHFPPC	General	3 & 4	Med Priority	High Priority	Fast Pulse	5 PC Pins
SBS12GMHMPPC	General	3 & 4	Med Priority	High Priority	Medium Pulse	5 PC Pins
SBS12GMHSPPC	General	3 & 4	Med Priority	High Priority	Slow Pulse	5 PC Pins

Part Number	Sound Type	IEC 60601-1-8 Tables	1 st Tone Medical	2 nd Tone 2500 Hz	3 rd Tone 2500 Hz	Mounting Type
One Priority General Medical Tone & Two Other Non-Medical Tones						
SBS12GLCFPPC	General	3 & 4	Low Priority	Continuous	Fast Pulse	5 PC Pins
SBS12GLCMPPC	General	3 & 4	Low Priority	Continuous	Medium Pulse	5 PC Pins
SBS12GLCSPPC	General	3 & 4	Low Priority	Continuous	Slow Pulse	5 PC Pins
SBS12GHCFPPC	General	3 & 4	High Priority	Continuous	Fast Pulse	5 PC Pins
SBS12GHCMPPC	General	3 & 4	High Priority	Continuous	Medium Pulse	5 PC Pins
SBS12GHCSPPC	General	3 & 4	High Priority	Continuous	Slow Pulse	5 PC Pins
SBS12GMCFPCC	General	3 & 4	Medium Priority	Continuous	Fast Pulse	5 PC Pins
SBS12GMCMPCC	General	3 & 4	Medium Priority	Continuous	Medium Pulse	5 PC Pins
SBS12GMCSPCC	General	3 & 4	Medium Priority	Continuous	Slow Pulse	5 PC Pins

45mm Piezo Transducer Alarms (With Circuitry)

SBT Series: IEC 60601-1-8 AMD1 & AMD2 (Tables 3 & 4)

Sound, Electrical, & Size Characteristics

Part Number Prefix	Typical Sound Level @ 10 cm (dBA)	Operating Voltage (Vdc)	Ave Current (mA)	Max Instant Current (mA)
SBT5	85 to 95	3.3 to 5	35	300
SBT12	85 to 95	9 to 12	25	75

Part Number Suffix	Termination Type	Part Size Dia x Hgt (mm)
PC	PC Pins	44.5 x 14.25
FL	Flange Mount with Wires	64.5 x 14.25

Model Listing

Part Number	Rated Voltage	Sound Type	IEC 60601-1-8 Table	Mounting Type
Single Continuous Medical Tone				
SBT5LM0PC	5 Vdc	Continuous	4 (see note)	2 PC Pins
SBT5LM0FL	5 Vdc	Continuous	4 (see note)	Flange w/Bare Wires
SBT12M0PC	12 Vdc	Continuous	4 (see note)	2 PC Pins
SBT12M0FL	12 Vdc	Continuous	4 (see note)	Flange w/Bare Wires

Note: Continuous tone models meet the freq. and rise & fall times listed in IEC 60601-1-8 Table 4, but the user must control the on & off times to meet the other requirements of Tables 3 & 4

Part Number	Rated Voltage	Sound Type	IEC 60601-1-8 Tables	1 st Tone Medical	2 nd Tone Medical	3 rd Tone Medical	Mounting Type
Single Low Priority General Medical Tone							
SBT5GLPC	5 Vdc	General	3 & 4	Low Priority	N/A	N/A	2 PC Pins
SBT5GLFL	5 Vdc	General	3 & 4	Low Priority	N/A	N/A	Flange w/Bare Wires
SBT12GLPC	12 Vdc	General	3 & 4	Low Priority	N/A	N/A	2 PC Pins
SBT12GLFL	12 Vdc	General	3 & 4	Low Priority	N/A	N/A	Flange w/Bare Wires
Single Medium Priority General Medical Tone							
SBT5GMPC	5 Vdc	General	3 & 4	Med Priority	N/A	N/A	2 PC Pins
SBT5GMFL	5 Vdc	General	3 & 4	Med Priority	N/A	N/A	Flange w/Bare Wires
SBT12GMPC	12 Vdc	General	3 & 4	Med Priority	N/A	N/A	2 PC Pins
SBT12GMFL	12 Vdc	General	3 & 4	Med Priority	N/A	N/A	Flange w/Bare Wires
Single High Priority General Medical Tone							
SBT5GHPC	5 Vdc	General	3 & 4	High Priority	N/A	N/A	2 PC Pins
SBT5GHFL	5 Vdc	General	3 & 4	High Priority	N/A	N/A	Flange w/Bare Wires
SBT12GHPC	12 Vdc	General	3 & 4	High Priority	N/A	N/A	2 PC Pins
SBT12GHFL	12 Vdc	General	3 & 4	High Priority	N/A	N/A	Flange w/Bare Wires

Part Number	Rated Voltage	Sound Type	IEC 60601-1-8 Tables	1 st Tone Medical	2 nd Tone Medical	3 rd Tone Medical	Mounting Type
Three Priority General Medical Tones							
SBT5LM1PC	5 Vdc	General	3 & 4	Low Priority	Med Priority	High Priority	5 PC Pins
SBT12M1PC	12 Vdc	General	3 & 4	Low Priority	Med Priority	High Priority	5 PC Pins

45mm Piezo Transducer Alarms (With Circuitry)

Model Listing (Con't)

Part Number	Rated Voltage	Sound Type	IEC 60601-1-8 Tables	1 st Tone Medical	2 nd Tone Medical	3 rd Tone 2500 Hz	Mounting Type
Two Priority General Medical Tones & One Other Non-Medical Tone							
SBT5GLHCTPC	5 Vdc	General	3 & 4	Low Priority	High Priority	Continuous	5 PC Pins
SBT5GLHFPPC	5 Vdc	General	3 & 4	Low Priority	High Priority	Fast Pulse	5 PC Pins
SBT5GLHMPPC	5 Vdc	General	3 & 4	Low Priority	High Priority	Medium Pulse	5 PC Pins
SBT5GLHSPPC	5 Vdc	General	3 & 4	Low Priority	High Priority	Slow Pulse	5 PC Pins
SBT5GLMCTPC	5 Vdc	General	3 & 4	Low Priority	Med Priority	Continuous	5 PC Pins
SBT5GLMFPPC	5 Vdc	General	3 & 4	Low Priority	Med Priority	Fast Pulse	5 PC Pins
SBT5GLMMPPC	5 Vdc	General	3 & 4	Low Priority	Med Priority	Medium Pulse	5 PC Pins
SBT5GLMSPPC	5 Vdc	General	3 & 4	Low Priority	Med Priority	Slow Pulse	5 PC Pins
SBT5GMHCTPC	5 Vdc	General	3 & 4	Med Priority	High Priority	Continuous	5 PC Pins
SBT5GMHFPPC	5 Vdc	General	3 & 4	Med Priority	High Priority	Fast Pulse	5 PC Pins
SBT5GMHMPPC	5 Vdc	General	3 & 4	Med Priority	High Priority	Medium Pulse	5 PC Pins
SBT5GMHSPPC	5 Vdc	General	3 & 4	Med Priority	High Priority	Slow Pulse	5 PC Pins
SBT12GLHCTPC	12 Vdc	General	3 & 4	Low Priority	High Priority	Continuous	5 PC Pins
SBT12GLHFPPC	12 Vdc	General	3 & 4	Low Priority	High Priority	Fast Pulse	5 PC Pins
SBT12GLHMPPC	12 Vdc	General	3 & 4	Low Priority	High Priority	Medium Pulse	5 PC Pins
SBT12GLHSPPC	12 Vdc	General	3 & 4	Low Priority	High Priority	Slow Pulse	5 PC Pins
SBT12GLMCTPC	12 Vdc	General	3 & 4	Low Priority	Med Priority	Continuous	5 PC Pins
SBT12GLMFPPC	12 Vdc	General	3 & 4	Low Priority	Med Priority	Fast Pulse	5 PC Pins
SBT12GLMMPPC	12 Vdc	General	3 & 4	Low Priority	Med Priority	Medium Pulse	5 PC Pins
SBT12GLMSPPC	12 Vdc	General	3 & 4	Low Priority	Med Priority	Slow Pulse	5 PC Pins
SBT12GMHCTPC	12 Vdc	General	3 & 4	Med Priority	High Priority	Continuous	5 PC Pins
SBT12GMHFPPC	12 Vdc	General	3 & 4	Med Priority	High Priority	Fast Pulse	5 PC Pins
SBT12GMHMPPC	12 Vdc	General	3 & 4	Med Priority	High Priority	Medium Pulse	5 PC Pins
SBT12GMHSPPC	12 Vdc	General	3 & 4	Med Priority	High Priority	Slow Pulse	5 PC Pins

Part Number	Rated Voltage	Sound Type	IEC 60601-1-8 Tables	1 st Tone Medical	2 nd Tone 2500 Hz	3 rd Tone 2500 Hz	Mounting Type
One Priority General Medical Tone & Two Other Non-Medical Tones							
SBT5GLCFPPC	5 Vdc	General	3 & 4	Low Priority	Continuous	Fast Pulse	5 PC Pins
SBT5GLCMPPC	5 Vdc	General	3 & 4	Low Priority	Continuous	Medium Pulse	5 PC Pins
SBT5GLCSPPC	5 Vdc	General	3 & 4	Low Priority	Continuous	Slow Pulse	5 PC Pins
SBT5GMCFFPPC	5 Vdc	General	3 & 4	Med Priority	Continuous	Fast Pulse	5 PC Pins
SBT5GMCMPPC	5 Vdc	General	3 & 4	Med Priority	Continuous	Medium Pulse	5 PC Pins
SBT5GMCSPPC	5 Vdc	General	3 & 4	Med Priority	Continuous	Slow Pulse	5 PC Pins
SBT5GHCFFPPC	5 Vdc	General	3 & 4	High Priority	Continuous	Fast Pulse	5 PC Pins
SBT5GHCMPPC	5 Vdc	General	3 & 4	High Priority	Continuous	Medium Pulse	5 PC Pins
SBT5GHCSPPC	5 Vdc	General	3 & 4	High Priority	Continuous	Slow Pulse	5 PC Pins
SBT12GLCFPPC	12 Vdc	General	3 & 4	Low Priority	Continuous	Fast Pulse	5 PC Pins
SBT12GLCMPPC	12 Vdc	General	3 & 4	Low Priority	Continuous	Medium Pulse	5 PC Pins
SBT12GLCSPPC	12 Vdc	General	3 & 4	Low Priority	Continuous	Slow Pulse	5 PC Pins
SBT12GMCFFPPC	12 Vdc	General	3 & 4	Med Priority	Continuous	Fast Pulse	5 PC Pins
SBT12GMCMPPC	12 Vdc	General	3 & 4	Med Priority	Continuous	Medium Pulse	5 PC Pins
SBT12GMCSPPC	12 Vdc	General	3 & 4	Med Priority	Continuous	Slow Pulse	5 PC Pins
SBT12GHCFFPPC	12 Vdc	General	3 & 4	High Priority	Continuous	Fast Pulse	5 PC Pins
SBT12GHCMPPC	12 Vdc	General	3 & 4	High Priority	Continuous	Medium Pulse	5 PC Pins
SBT12GHCSPPC	12 Vdc	General	3 & 4	High Priority	Continuous	Slow Pulse	5 PC Pins

Call 317-612-1000 or Visit www.mspindy.com for More Details