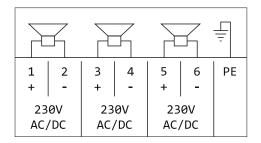


## **GENERAL CHARACTERISTIC**

Acoustic alarm is emitted by three or four programmable acoustic signallers. Substation Acoustic Alarm is not standard euipment of SC-16 or SC-16 annunciators. The device is adapted to be mounted on the control substation cabinet. Standard supply voltage is 110-230V AC/DC or other on request.

## **MAIN FEATURES**

- Sound loudness up to 102 dB
- Programmable sound tone
- Red enclosure made of ABS plastic
- universal supply voltage (110V DC/AC 230V DC/AC)
- Sound loudnes ruglation in steps of 10dB
- Sound signallers are connected to terminal block UK 5 TWIN of Pheanix Contact what allows freen installation



Terminal block of ASS-3

## **TECHNICAL DATA**

| Rated supply voltage                        | 110-230V DC/AC                 |  |  |
|---|--------------------------------|--|--|
|   | or other on request ex. 24V DC |  |  |
| Burden in suply voltage terminals           | <0,7VA                         |  |  |
| Current consumption                         | 6-32mA                         |  |  |
| Ingress protection degree of each signaller | IP65                           |  |  |
| No. of acoustic signalls                    | 3                              |  |  |
| Weight                                      | 1,4kg                          |  |  |
| Ambient temperature                         | -5÷ +40 °C                     |  |  |

## PRINCIPLE OF OPERATION

Voltage on the terminals 1-2 (signaller 1) causes the sound to emit. The sound tone depends on jumper configuration. The jumpers are available after opening the red enclosure of signaller. Opening of enclosure is possible after unlocking the black screw located on it. The counterclockwise turning opens the signaller. Signallers 2 and 3 are connected to terminal pairs respectively 3-4 and 5-6.

| (((1))) |       |       |                  |             |  |                       |    |       |
|---------|-------|-------|------------------|-------------|--|-----------------------|----|-------|
|         |       | 23456 | Pattern          | FrequencyHz | Rate                                       |                       | mA | dB(A) |
| 1       | 14    | 11111 | Alternating      | 800&970     | 2Hz(250ms-250ms)                           | BSFire                | 13 | 101   |
| 2       | 14    | 11110 | Sweep            | 800to970    | 7Hz(7/s)                                   | BSFire                | 12 | 100   |
| 3       | 14    | 11101 | Sweep            | 800to970    | 1Hz(1/s)                                   | BSFire                | 12 | 102   |
| 4       | 14    | 11100 | Continuous       | 2850        | Steady                                     | GeneralPurpose        | 32 | 105   |
| 5       | 4     | 11011 | Sweep            | 2400to2850  | 7Hz  | GeneralPurpose        | 32 | 109   |
| 6       | 4     | 11010 | Sweep            | 2400to2850  | 1Hz  | GeneralPurpose        | 32 | 112   |
| 7       | 14    | 11001 | Slowwhoop        | 500to1200   | 3ssweep, 0.5ssilence,thenrepeat            | Dutchfire (NEN2575)   | 12 | 103   |
| 8       | 14    | 11000 | Sweep(DIN)       | 1200 to500  | 1Hz  | Germanfire(DIN33404)  | 15 | 103   |
| 9       | 4     | 10111 | Alternating      | 2400&2850   | 2Hz(250ms-250ms)                           | GeneralPurpose        | 31 | 105   |
| 10      | 14    | 10110 | Intermittent     | 970         | 0.5Hz(1sOn/1sOff)                          | PFEERalert            | 8  | 101   |
| 11      | 14    | 10101 | Alternating      | 800&970     | 1Hz(500ms-500ms)                           | BSFire                | 12 | 101   |
| 12      | 4     | 10100 | Intermittent     | 2850        | 0.5Hz(1sOn/1sOff)                          | GeneralPurpose        | 17 | 105   |
| 13      | 14    | 10011 | Intermittent     | 970         | 0.8Hz(250msOn/1 sOff)                      | GeneralPurpose        | 5  | 101   |
| 14      | 14    | 10010 | Continuous       | 970         | Steady                                     | PFEERtoxicgas         | 14 | 101   |
| 15      | 14    | 10001 | Alternating      | 554&440     | 100ms-400ms                                | Frenchfire(NFS32-001) | 17 | 102   |
| 16      | 16    | 10000 | Intermittent     | 660         | 3.3Hz(150msOn/150msOff)                    | Swedish(AirRaid)      | 6  | 100   |
| 17      | 17    | 01111 | Intermittent     | 660         | 0.28Hz(1.8sOn/1.8sOff)                     | Swedish(Localwarning) | 7  | 101   |
| 18      | 18    | 01110 | Intermittent     | 660         | 0.05Hz(13sOff/6.5HzOn)                     | Swedish(Pre-mess)     | 6  | 101   |
| 19      | 19    | 01101 | Continuous       | 660         | Steady                                     | Swedish(Allclear)     | 10 | 101   |
| 20      | 20    | 01100 | Alternating      | 554&440     | 0.5Hz(1sOn/1sOff)                          | Swedish(Turnout)      | 16 | 102   |
| 21      | 21    | 01011 | Intermittent     | 660         | 1Hz(500ms-500ms)                           | Swedishgeneralpurpose | 6  | 101   |
| 22      | 14    | 01010 | Intermittent     | 2850        | 4Hz(150msOn/100msOff)                      | Pelicancrossing       | 27 | 104   |
| 23      | 14    | 01001 | Sweep            | 800to970    | 50Hz                                       | BSFire                | 12 | 100   |
| 24      | 4     | 01000 | Sweep            | 2400to2850  | 50Hz                                       | GeneralPurpose        | 32 | 108   |
| 25      | 25    | 00111 | Intermittent     | 970         | 3x500mspulses,1.5ssilence,thenrepeat       | ISO8201               | 7  | 101   |
| 26      | 26    | 00110 | Intermittent(I*) | 800to970    | 3x500mspulsedsw eep,1.5ssilence,thenrepeat | ISO8201               | 6  | 102   |
| 27      | 27    | 00101 | Intermittent(I*) | 970&800     | 3x500mspulsedsweep,1.5ssilence,thenrepeat  | ISO8201               | 6  | 101   |
| 28      | 10    | 00100 | Alternating      | 800&970     | 2Hz(250ms-250ms)                           | BSFire                | 12 | 101   |
| 29      | 988Hz | 00011 | Alternating      | 990&650     | 2Hz(250ms-250ms)(Symphonitones)            | BSFire                | 20 | 105   |
| 30      | 510Hz | 00010 | Alternating      | 510&610     | 2Hz(250ms-250ms)(SquashniMicrotones)       | BSFire                | 16 | 100   |
| 31      | 14    | 00001 | Sweep            | 300to1200   | 1Hz  | GeneralPurpose        | 14 | 103   |
| 32      | 510Hz | 00000 | Alternating      | 510&610     | 1Hz(500mS-500mS)                           | BSFire                | 16 | 100   |