

SCB Series

Electronic Digital Counter

B. Dual, Triplex Preset Counter SCB Type

SCB-42~62AM : 4~6 Digits Dual Preset Counter

SCB-33~43AM : 3~4 Digits Triplex Preset Counter



● Specification:

| item specification | production type | SCB-42AM | SCB-52AM | SCB-62AM | SCB-33AM | SCB-43AM |
|-----------------------|-----------------|--|--------------|--------------|------------------------|-------------|
| Display Range | | 4 digits | 5 digits | 6 digits | 3 digits | 4 digits |
| Display System | | 7-segment LED Display (character height: 0.4 ") | | | | |
| Setting Range | | 2 x(1~9999) | 2 x(1~99999) | 2x(1~999999) | 3 x(1~999) | 3 x(1~9999) |
| Function Mode | | N.R.C. 3 mode selecting SW. | | | | |
| Reset System | | External, Manual & Auto Reset | | | | |
| Gate In. | | Gate Inhibit Input Function | | | | |
| Power failure memory | | Back up time is as long as 2000h with 3.6V/50mAh Ni-cd battery on temperature (25°C) | | | | |
| Turn around time | | More than 0.1 sec. from the power on to counting signal input | | | | |
| Contact input | | Contact input speed Max. 30cps (ON-OFF ratio: 1:1) | | | | |
| Non-contact input | | Input signal level: $\begin{matrix} H=6\sim 24V \\ L=0\sim 3V \end{matrix}$ Zi>10Kohm, signal speed Max.1Kcps.(ON-OFF ratio:1:1) | | | | |
| Output Hold Timer | | 0.1~3.5secs (variable) | | | | |
| Contact Output | | 2C(2ab) 250VAC/3A Capacity | | | 3C(3ab) 250VAC/3A; OUT | |
| Output Response time | | Vout<=10ms; Contact <= 20ms [1Kcps Input Signal] | | | | |
| Power Consumption | | 5VA | | | | |
| DC Out for Sensor | | 12VDC \pm 5%, Max Electric current capacity 50mA | | | | |
| Power Supply | | AC 110/220V rated power about -15%~+10%, 50Hz/60Hz. | | | | |
| Noise immunity | | Square -wave noise by noise simulator: 2KVp-p, 1us (across power terminals) | | | | |
| Dielectric strength | | 1,000VAC, for 1 minute (across power terminals and contact) | | | | |
| Insulation Resistance | | 100Mohm. min. with 500VDC megger (across terminals and housing) | | | | |
| Vibration Resistance | | 10~55Hz, 0.75mm amplitude in X, Y and Z directions, 2 hours respectively | | | | |
| Shock Immunity | | 100m/s ² (approx. 10Gs) in X, Y and Z directions, 3 times respectively | | | | |
| Operating Humidity | | 35~85%RH (no condensation) | | | | |
| Operating Temperature | | -10~+50 °C | | | | |
| Weight (main unit) | | appro. 700g. | | | appro 750g | |
| External Dimensions | | 144 x 72 x 135mm (Mounting flush dimension: 138 x 67.5mm) | | | | |