## COMPACT POWER RELAY

## 1 POLE—20 A (FOR AUTOMOTIVE FLASHER

 LAMP LOAD :-RDICATIONS )
## FBR51,512 (-iviz) SERIES

## FEATURES

- Relay for flas ${ }^{\wedge}$ • lamp load (automo.ve a , ,lica+* ) newly added to ou jom act power relay, FBRb, $f$
- Long life

Special contact all vs , ore han 4 million operatior at flasher lamp load of $1 \mathrm{~V}, 5$, , . nrush, rated 135 W .


OF JE 'NG INFORMATION
[Example] $\mathrm{FBr}_{1}, 1-\frac{N}{(\mathrm{r}} \frac{\mathrm{D} 12}{(\mathrm{c})}-\frac{\mathrm{WR}}{(\mathrm{d})} \frac{{ }^{* *}}{(\mathrm{e})}$


* The ont it materials of the mo حbl and: tionary contacts are dit. -ont Ther or the specified load polarity must be 0 seı. $d$ to 'rieve rated life. Reier to lif test , xc nples and schematı.


## SPECIFICATIONS


${ }^{*} 1$ Values when switching a resistive load at normal room temperature and humidity and in a clean environment. The minimum switching load varies with the switching frequency and operating environment.

## - COIL DATA CHART



## CHARACTERISTIC DATA

## 1. MAXIMUM BREAK CAPACITY


2. LIFE TEST (EXAMPLES)

-Circuit wave form

-Shift of pick-up and drop-out voltage

(measured at 6 V-1 A)
-Shift of contact resistance


-Circuit wave form

-Shift of pick-up and drop-out voltage

-Shift of contact resistance
(measured at 6 V-1 A)


## REFERENCE DATA




## DIMENSIONS



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