



KV-N8ETP

Expansion output unit output 8 points transistor (source) output screw terminal block



\*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

|                              |                                      |               |  |
|------------------------------|--------------------------------------|---------------|--|
| Model                        |                                      | KV-N8ETP      |  |
| Expansion output unit        | Output Points                        |               | 8 points   |
|                              | External connectionmethod            |               | MOSFET<br>With overcurrent protection function *1 *2                       |
|                              | External connection method           |               | Terminal block   |
|                              | Rated load                           |               | 30 VDC, 0.5 A  |
|                              | Leakage current (when output is OFF) |               | 100 μA or less   |
|                              | Residual voltage (at ON)             |               | 0.8 VDC or less (with 0.5 A output)<br>0.6 VDC or less (with 0.3 A output) |
|                              | ON resistance                        |               | –  |
|                              | Common method                        |               | 8 points/1 common<br>(4 terminals) *3                                      |
|                              | Response time                        | OFF to ON     | 100 μs or less (with a load of 1 mA or more)                               |
|                              |                                      | ON to OFF     | 200 μs or less (with a load of 1 mA or more)                               |
|                              | Relay life                           |               | –  |
|                              | Relay replacement                    |               |  |
| Internal current consumption |                                      | 30 mA or less |  |
| Weight                       |                                      | Approx. 160 g |  |

\*1 If even a single overcurrent is detected, the protection operation (output turned OFF) and automatic recovery are repeated for all outputs within the shared common (The outputs within the shared common that are protected when an overcurrent is detected are outputs 000 to 007 or 008 to 015 for the case of the KV-N16ET(P).) , until the cause of the problem is removed.

\*2 MOSFET (N-ch) output for the sink output type; and MOSFET (P-ch) output for the source output type.

\*3 The KV-N8ET(P) and KV-N16ET(P) COM terminals are shorted internally.

Dimensions

\* Download CAD file or product manual for larger image/text and more detail.

KV-N8ET(P)

