

Economic type

Transistor output specification (Sink / Source type)

| Specification | | Main unit | | | |
|------------------------------|----------|---|--------------------------------|--|--------------------------------|
| | | XBC/XEC-DN10E XBC/XEC-DP10E | XBC/XEC-DN14E XBC/XEC-DP14E | XBC/XEC-DN20E XBC/XEC-DP20E | XBC/XEC-DN30E XBC/XEC-DP30E |
| Output point | | 4 points | 6 points | 8 points | 12 points |
| Insulation method | | Photo coupler insulation | | | |
| Rated load voltage | | DC 12/24V | | | |
| Operation load voltage range | | DC 10.2~26.4V | | | |
| Max. load current | | 0.5A/1 point, 2A/1COM | | | |
| Off leakage current | | 0.1mA or less | | | |
| Max. inrush current | | 4A/10ms or less | | | |
| Max. voltage drop when On | | DC 0.4V or less | | | |
| Surge absorber | | Zener diode | | | |
| Response time | Off → On | 1ms less | | | |
| | On → Off | 1ms less (Rated load, resistive load) | | | |
| Common method | | 4 point / COM | | | |
| Proper wire size | | Stranded wire 0.3~0.75mm ² (External diameter 2.8mm or less) | | | |
| External power | Voltage | DC 12/24V ± 10% (Ripple voltage 4 Vp-p or less) | | | |
| | Current | 25mA or less (When connecting DC 24V) | | | |
| Operation indicator | | LED On when Output On | | | |
| External connection method | | 14 point terminal block connector (M3 × 6 screw) | | 24 point terminal block connector (M3 × 6 screw) | |