



ESB00163 (3PH)

- Inrush Current Limiter (ESB) DIN-Rail TS35mm
- Designed for rough industrial environment
- Built-in switch mode power supply
- Phase Monitor (under voltage / loss / asymmetry)
- Ton limiting time & Toff low voltage delay time adjustable
- Advanced passive cooling with over dimensioned limiting resistors
- Limiting of each phase completely independent

ESB00163A.T (3PH)

Model	ESB00163A(R2)
Limiting Peak current	22,6A Ton adjustable 70 to 240ms
Limiting RMS-value	16A Ton adjustable 70 to 240ms
Limiting Cycle Interval	60s
Low Voltage Detection	Toff adjustable 60 to 170ms
Input Voltage	3x 170 - 575Vac or 2x 170 - 575Vac, 47 - 63Hz
Nominal voltage	3x 200/400/500Vac selectable
AC Continuous Current	3x 16A
Load capacity	3x 1500uF
Connectors	Spring-type-terminal 0,5 - 16mm ² , 22 - 8AWG
Ambient Operating Temperature	-20°C - +45°C no derating
Cooling	Natural convection
Dimensions (WxHxD)	95 x 155 x 122mm
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1
Special Features	Integrated & complete phase monitor Asymmetry, phase lost, phase sequence Accuracy ±6%, independent from ambient temperature Extending monitoring Each phase limited independently Ballast and capacitive loads Active & precise measuring circuit Bypass circuit each phase Built in switch mode power supply

ESB00163B.T (3PH)

Model	ESB00163B(R2)
Limiting Peak current	22,6A Ton adjustable 70 to 240ms
Limiting RMS-value	16A Ton adjustable 70 to 240ms
Limiting Cycle Interval	60s
Low Voltage Detection	Toff adjustable 60 to 170ms
Input Voltage	3x 170 - 460Vac or 2x 170 - 460Vac, 47 - 63Hz
Nominal voltage	3x 200/400Vac selectable
AC Continuous Current	3x 16A
Load capacity	3x 1500uF
Connectors	Spring-type-terminal 0,5 - 16mm ² , 22 - 8AWG
Ambient Operating Temperature	-20°C - +60°C no derating
Cooling	Natural convection
Dimensions (WxHxD)	95 x 155 x 122mm
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1
Special Features	Integrated & complete phase monitor Asymmetry, phase lost, phase sequence Accuracy ±6%, independent from ambient temperature Extending monitoring Each phase limited independently Ballast and capacitive loads Active & precise measuring circuit Bypass circuit each phase Built in switch mode power supply