



ESB101

- Inrush Current Limiter (ESB) DIN-Rail TS35mm

ESB101.LED.230Vac (for lighting)

Model	ESB101.LED.230Vac
Limiting Peak current	48A for Ton=300ms
Limiting RMS-value	33,9A for Ton=300ms
Limiting Cycle Interval	900ms (3x/minute)
Low Voltage Detection	Toff=550ms
Input Voltage	184... 265Vac 16 1/3... 440Hz 1PH
Nominal voltage	220... 240Vac
AC Continuous Current	16A input/output
Load capacity	6000uF
Connectors	Spring-type-terminal 0,5... 6mm ²
Ambient Operating Temperature	-40°C ... +60°C no derating
Cooling	Natural convection
Dimensions (WxHxD)	36,5 x 62 x 110mm
Special Features	Temperature protected (fuse)
	Fire protected
	Accuracy ±5%, independent from ambient temperature
	Capacitive loads
	Bypass circuit
	4000m / 13123 ft. Above sea level

ESB101.LED.115Vac (for lighting)

Model	ESB101.LED.115Vac
Limiting Peak current	43A for Ton=500ms
Limiting RMS-value	30,4A for Ton=500ms
Limiting Cycle Interval	900ms (3x/minute)
Low Voltage Detection	Toff=550ms
Input Voltage	90... 130Vac 16 1/3... 440Hz 1PH
Nominal voltage	110... 120Vac
AC Continuous Current	16A
Load capacity	10000uF
Connectors	Spring-type-terminal 0,5... 6mm ²
Ambient Operating Temperature	-40°C... +60°C no derating
Cooling	Natural convection
Dimensions (WxHxD)	36,5 x 62 x 110mm
Special Features	Temperature protected (fuse)
	Fire protected
	Accuracy ±5%, independent from ambient temperature
	Capacitive loads
	Bypass circuit
	4000m / 13123 ft. Above sea level

ESB101.05UPS (for Inverters and sensitive power distribution)

Model	ESB101.05UPS
Limiting Peak current	5A for Ton=900ms
Limiting RMS-value	3,5A for Ton=900ms
Limiting Cycle Interval	900ms (3x/minute)
Low Voltage Detection	Toff=1400ms
Input Voltage	184... 265Vac 16 1/3... 440Hz 1PH
Nominal voltage	220... 240Vac
AC Continuous Current	16A
Load capacity	4000uF
Connectors	Spring-type-terminal 0,5... 6mm ²
Ambient Operating Temperature	-40°C... +60°C no derating
Cooling	Natural convection
Dimensions (WxHxD)	36,5 x 62 x 110mm
Special Features	Temperature protected (fuse)
	Fire protected
	Accuracy ±5%, independent from ambient temperature
	Capacitive loads
	Bypass circuit
	4000m / 13123 ft. Above sea level

ESB101.16

Model	ESB101.16
Limiting Peak current	16A for Ton=300ms
Limiting RMS-value	11,3A for Ton=300ms
Limiting Cycle Interval	900ms (3x/minute)
Low Voltage Detection	Toff=500ms
Input Voltage	184... 265Vac 16 1/3... 440Hz 1PH
Nominal voltage	220... 240Vac
AC Continuous Current	16A input/output
Load capacity	1500uF
Connectors	Spring-type-terminal 0,5... 6mm ²
Ambient Operating Temperature	-40°C ... +60°C no derating
Cooling	Natural convection
Dimensions (WxHxD)	36,5 x 62 x 110mm
Special Features	Temperature protected (fuse)
	Fire protected
	Accuracy ±5%, independent from ambient temperature
	Capacitive loads
	Bypass circuit
	4000m / 13123 ft. Above sea level

ESB101.23

Model	ESB101.23
Limiting Peak current	23A for Ton=300ms
Limiting RMS-value	16,3A for Ton=300ms
Limiting Cycle Interval	900ms (3x/minute)
Low Voltage Detection	Toff=500ms
Input Voltage	184... 265Vac 16 1/3... 440Hz 1PH
Nominal voltage	220... 240Vac
AC Continuous Current	16A input/output
Load capacity	2000uF
Connectors	Spring-type-terminal 0,5... 6mm ²
Ambient Operating Temperature	-40°C... +60°C no derating
Cooling	Natural convection
Dimensions (WxHxD)	36,5 x 62 x 110mm
Special Features	Temperature protected (fuse)
	Fire protected
	Accuracy ±5%, independent from ambient temperature
	Capacitive loads
	Bypass circuit
	4000m / 13123 ft. Above sea level

ESB101.23S

Model	ESB101.23S
Limiting Peak current	23A for Ton=500ms
Limiting RMS-value	16,3A for Ton=500ms
Limiting Cycle Interval	1400ms (3x/minute)
Low Voltage Detection	Toff=800ms
Input Voltage	184... 265Vac 16 1/3... 440Hz 1PH
Nominal voltage	220... 240Vac
AC Continuous Current	16A
Load capacity	2000uF
Connectors	Spring-type-terminal 0,5... 6mm ²
Ambient Operating Temperature	-40°C... +60°C no derating
Cooling	Natural convection
Dimensions (WxHxD)	36,5 x 62 x 110mm
Special Features	Temperature protected (fuse)
	Fire protected
	Accuracy ±5%, independent from ambient temperature
	Capacitive loads
	Bypass circuit
	4000m / 13123 ft. Above sea level

ESB101.23S.115Vac

Model	ESB101.23S.115Vac
Limiting Peak current	23A for Ton=500ms
Limiting RMS-value	16,3A for Ton=500ms
Limiting Cycle Interval	1400ms (3x/minute)
Low Voltage Detection	Toff=900ms
Input Voltage	90... 130Vac 16 1/3... 440Hz 1PH
Nominal voltage	110... 120Vac
AC Continuous Current	16A
Load capacity	4000uF
Connectors	Spring-type-terminal 0,5... 6mm ²
Ambient Operating Temperature	-40°C... +60°C no derating
Cooling	Natural convection
Dimensions (WxHxD)	36,5 x 62 x 110mm
Special Features	Temperature protected (fuse)
	Fire protected
	Accuracy ±5%, independent from ambient temperature
	Capacitive loads
	Bypass circuit
	4000m / 13123 ft. Above sea level

ESB101.33

Model	ESB101.33
Limiting Peak current	33A for Ton=300ms
Limiting RMS-value	23,3A for Ton=300ms
Limiting Cycle Interval	900ms (3x/minute)
Low Voltage Detection	Toff=800ms
Input Voltage	184... 265Vac 16 1/3... 440Hz 1PH
Nominal voltage	220... 240Vac
AC Continuous Current	16A
Load capacity	4000uF
Connectors	Spring-type-terminal 0,5... 6mm ²
Ambient Operating Temperature	-40°C... +60°C no derating
Cooling	Natural convection
Dimensions (WxHxD)	36,5 x 62 x 110mm
Special Features	Temperature protected (fuse)
	Fire protected
	Accuracy ±5%, independent from ambient temperature
	Capacitive loads
	Bypass circuit
	4000m / 13123 ft. Above sea level