



ESB101

- Inrush Current Limiter (ESB) DIN-Rail TS35mm

ESB101.LED.230Vac (for lighting)

Model	ESB101.LED.230Vac(R2)
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 - 264Vac, 16 1/3 - 440Hz
Nominal voltage	220 - 240Vac
AC Continuous Current	16A
Power Consumption	1,1W
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
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1
Approvals	UL508, CSA22.2, GÖHST EAC
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(R2)
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
Power Consumption	2,2W
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
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1
Approvals	UL508, CSA22.2, GÖHST EAC
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(R2)
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 - 264Vac, 16 1/3 - 440Hz
Nominal voltage	220 - 240Vac
AC Continuous Current	16A
Power Consumption	1,1W
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
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1
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(R2)
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 - 264Vac, 16 1/3 - 440Hz 1PH
Nominal voltage	220 - 240Vac
AC Continuous Current	16A
Power Consumption	1,1W
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
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1
Approvals	UL508, CSA22.2, GÖHST EAC
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(R2)
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 - 264Vac, 16 1/3 - 440Hz 1PH
Nominal voltage	220 - 240Vac
AC Continuous Current	16A
Power Consumption	1,1W
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
Safety Standards	EN61010-2-201, EN62368-1, EN60204-1, EN60950-1
Approvals	UL508, CSA22.2, GOSHST EAC
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(R2)
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 - 264Vac, 16 1/3 - 440Hz 1PH
Nominal voltage	220 - 240Vac
AC Continuous Current	16A
Power Consumption	1,1W
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
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1
Approvals	UL508, CSA22.2, GOHST EAC
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(R2)
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
Power Consumption	2,2W
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
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1
Approvals	UL508, CSA22.2, GOHST EAC
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(R2)
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 - 264Vac, 16 1/3 - 440Hz 1PH
Nominal voltage	220 - 240Vac
AC Continuous Current	16A
Power Consumption	1,1W
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
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1
Approvals	UL508, CSA22.2, GOHST EAC
Special Features	Temperature protected (fuse)
	Fire protected
	Accuracy ±5%, independent from ambient temperature
	Capacitive loads
	Bypass circuit
	4000m / 13123 ft. above sea level