## Product data sheet SBR290



Similar image (Picture shows SBR263)

## 2P 100A Switch , Red Toggle

Number of modules2Number of poles2 PRated operational voltage Ue400 VRated current100 ARated short-time withstand current 1s1,2 kAPower loss per pole at In5,5 WTotal power loss under IN11 WFrequency50/60 HzRated insulation voltage440 VRated impulse withstand voltage6000 VOperating temperature-20 to 50 °CNumber of mechanical operations40000Connection cross-sect. rigid cable6 / 35mm²Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC23 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Total durability at nominal load in AC22 in operating cycles2500	Technical Properties	
Rated operational voltage Ue400 VRated current100 ARated short-time withstand current 1s1,2 kAPower loss per pole at In5,5 WTotal power loss under IN11 WFrequency50/60 HzRated insulation voltage440 VRated impulse withstand voltage6000 VOperating temperature-20 to 50 °CNumber of mechanical operations40000Connection cross-sect. rigid cable6 / 35mm²Height of installed product83 mmWidth of installed product68 mmAcceptable current rating with AC22 category B100 AAcceptable current rating with AC22 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in2500operating cycles2500	Number of modules	2
Rated current100 ARated short-time withstand current 1s1,2 kAPower loss per pole at In5,5 WTotal power loss under IN11 WFrequency50/60 HzRated insulation voltage440 VRated impulse withstand voltage6000 VOperating temperature-20 to 50 °CNumber of mechanical operations40000Connection cross-sect. rigid cable6 / 50mm²Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC22 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Operating cycles2500	Number of poles	2 P
Rated short-time withstand current 1s1,2 kAPower loss per pole at In5,5 WTotal power loss under IN11 WFrequency50/60 HzRated insulation voltage440 VRated impulse withstand voltage6000 VOperating temperature-20 to 50 °CNumber of mechanical operations40000Connection cross-sect. rigid cable6 / 50mm²Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC22 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500	Rated operational voltage Ue	400 V
Power loss per pole at In5,5 WTotal power loss under IN11 WFrequency50/60 HzRated insulation voltage440 VRated impulse withstand voltage6000 VOperating temperature-20 to 50 °CNumber of mechanical operations40000Connection cross-sect. rigid cable6 / 50mm²Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product35 mmDepth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC22 in operating cycles2500Operating cycles2500	Rated current	100 A
Total power loss under IN11 WFrequency50/60 HzRated insulation voltage440 VRated impulse withstand voltage6000 VOperating temperature-20 to 50 °CNumber of mechanical operations40000Connection cross-sect. rigid cable6 / 50mm²Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product35 mmDepth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC22 category B40 AElectrical durability at nominal load in AC22 in operating cycles2500	Rated short-time withstand current 1s	1,2 kA
Frequency50/60 HzRated insulation voltage440 VRated impulse withstand voltage6000 VOperating temperature-20 to 50 °CNumber of mechanical operations40000Connection cross-sect. rigid cable6 / 50mm²Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product35 mmDepth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC22 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Operating cycles2500	Power loss per pole at In	5,5 W
Rated insulation voltage440 VRated impulse withstand voltage6000 VOperating temperature-20 to 50 °CNumber of mechanical operations40000Connection cross-sect. rigid cable6 / 50mm²Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product35 mmDepth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Operating cycles2500	Total power loss under IN	11 W
Rated impulse withstand voltage6000 VOperating temperature-20 to 50 °CNumber of mechanical operations40000Connection cross-sect. rigid cable6 / 50mm²Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product35 mmDepth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC23 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Operating cycles2500	Frequency	50/60 Hz
Operating temperature-20 to 50 °CNumber of mechanical operations40000Connection cross-sect. rigid cable6 / 50mm²Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product35 mmDepth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC23 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Operating cycles2500	Rated insulation voltage	440 V
Number of mechanical operations40000Connection cross-sect. rigid cable6 / 50mm²Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product35 mmDepth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC23 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Operating cycles2500	Rated impulse withstand voltage	6000 V
Connection cross-sect. rigid cable6 / 50mm²Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product35 mmDepth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC22 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Electrical durability at nominal load in AC22 in operating cycles2500	Operating temperature	-20 to 50 °C
Connection cross-sect. flexible cable6 / 35mm²Height of installed product83 mmWidth of installed product35 mmDepth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC22 category B100 AAcceptable current rating with AC23 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Electrical durability at nominal load in AC22 in operating cycles2500	Number of mechanical operations	40000
Height of installed product83 mmWidth of installed product35 mmDepth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC22 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Electrical durability at nominal load in AC22 in operating cycles2500	Connection cross-sect. rigid cable	6 / 50mm²
Width of installed product35 mmDepth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC22 category B100 AAcceptable current rating with AC22 category B40 AElectrical durability at nominal load in AC21 in2500operating cyclesElectrical durability at nominal load in AC22 inComparison operating cycles2500	Connection cross-sect. flexible cable	6 / 35mm²
Depth of installed product68 mmAcceptable current rating with AC22 category A100 AAcceptable current rating with AC22 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Electrical durability at nominal load in AC22 in operating cycles2500		83 mm
Acceptable current rating with AC22 category A100 AAcceptable current rating with AC22 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Electrical durability at nominal load in AC22 in operating cycles2500	Width of installed product	35 mm
Acceptable current rating with AC22 category B100 AAcceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Electrical durability at nominal load in AC22 in operating cycles2500	Depth of installed product	68 mm
Acceptable current rating with AC23 category B40 AElectrical durability at nominal load in AC21 in operating cycles2500Electrical durability at nominal load in AC22 in operating cycles2500	Acceptable current rating with AC22 category A	100 A
Electrical durability at nominal load in AC21 in operating cycles 2500   Electrical durability at nominal load in AC22 in operating cycles 2500	Acceptable current rating with AC22 category B	100 A
operating cycles Electrical durability at nominal load in AC22 in 2500 operating cycles	Acceptable current rating with AC23 category B	40 A
Electrical durability at nominal load in AC22 in 2500 operating cycles	Electrical durability at nominal load in AC21in	2500
operating cycles	operating cycles	
	Electrical durability at nominal load in AC22 in	2500
	operating cycles	
Tightening torque 3,6Nm	Tightening torque	3,6Nm