

Technical data

Accessories

Undervoltage release S800-UVR

		S800-UVR36	S800-UVR60	S800-UVR130	S800-UVR250
Rated operational voltage U_e	VAC/DC	24 ... 36	48 ... 60	110 ... 130	220 ... 250
Operating range					
open	% U_e	35 ... 70	35 ... 70	35 ... 70	35 ... 70
closed	% U_e	85	85	85	85
Rated insulation voltage U_i	V	690	690	690	690
Power loss of coil when attracted	W/VA	1.11 ... 1.14/1.2*	1.14 ... 1.25/1.3*	1.3 ... 1.41/1.4*	1.71 ... 1.91/1.9*
Rated frequency	Hz	DC; 50/60	DC; 50/60	DC; 50/60	DC; 50/60
Pollution degree		3	3	3	3
Standard		IEC 60947-2 / UL 489	IEC 60947-2 / UL 489	IEC 60947-2 / UL 489	IEC 60947-2 / UL 489
Connection C_u	mm ²	1 ... 25 (14-2 AWG) strand 1 ... 35 (14-3 AWG) cable	1 ... 25 (14-2 AWG) strand 1 ... 35 (14-3 AWG) cable	1 ... 25 (14-2 AWG) strand 1 ... 35 (14-3 AWG) cable	1 ... 25 (14-2 AWG) strand 1 ... 35 (14-3 AWG) cable
Tightening torque	Nm	3.5	3.5	3.5	3.5
AC/DC supply		any	any	any	any
Mounting on DIN top hat rail		EN 60715	EN 60715	EN 60715	EN 60715
Protection category		IP20 IP40 (actuating end only)	IP20 IP40 (actuating end only)	IP20 IP40 (actuating end only)	IP20 IP40 (actuating end only)
Permissible operating ambient temperature	°C	-25 ... +60	-25 ... +60	-25 ... +60	-25 ... +60
Storage temperature	°C	-40 ... +70	-40 ... +70	-40 ... +70	-40 ... +70
Vibration resistance		IEC 60068-2-6; EN 61373 Cat.1/Class B	IEC 60068-2-6; EN 61373 Cat.1/Class B	IEC 60068-2-6; EN 61373 Cat.1/Class B	IEC 60068-2-6; EN 61373 Cat.1/Class B

Busbar S803-BB250/S804-BB250

Max. rated current I_n		
Side feed	A	125
Middle feed	A	250
Conditional rated short-circuit current	kA eff	100 with T_{max} connected upstream
Poles		3/4
Rated operational voltage U_e		
(AC) 50/60Hz	V	400/690
Rated insulation voltage U_i	V	690
Rated impulse withstand voltage U_{imp}	kV	8
Rated frequency	Hz	50
Standard		EN/IEC 60439-2
Material of rails		E- C_u 58 half-standard, rolled F25
Material of insulation profile		Material group I; UL94 V-0
Material of end caps		Material group I; UL94 V-0 Free of halogen and phosphate
Busbar cross sections	mm ²	60
Overvoltage category		III
Pollution degree		2