



TECHNICAL FEATURES		S800C
Characteristics available		B, C, D, K
Max. rated continuous current I_n	[A]	10...125
Poles		1...4
Rated operating voltage U_e		
(AC) 50/60Hz	[V]	254/440
(DC)/pole	[V]	max. 125
Rated insulation voltage U_i		500
Rated impulse withstand voltage U_{imp}		8
Ultimate short-circuit breaking capacity I_{cu} in accordance with IEC 60947-2		
(AC) 50/60Hz 240/415V	[kA]	25
(AC) 50/60Hz 254/440V	[kA]	15
(DC) 125V (1-pole)	[kA]	10
(DC) 250V (2-pole)	[kA]	10
(DC) 375V (3-pole)	[kA]	10
(DC) 500V (4-pole)	[kA]	10
Rated short-circuit breaking capacity I_{cn} EN 60898-1		
(AC) 50/60Hz 230/400V (characteristic: B, C, D ①)	[kA]	15
Service short-circuit breaking capacity I_{cs} in accordance with IEC 60947-2		
(AC) 50/60Hz 240/415V	[kA]	18
(AC) 50/60Hz 254/440V	[kA]	10
(DC) 125V (1-pole)	[kA]	10
(DC) 250V (2-pole)	[kA]	10
(DC) 375V (3-pole)	[kA]	10
(DC) 500V (4-pole)	[kA]	10
Service short-circuit breaking capacity I_{cs} in accordance with EN 60898-1		
(AC) 50/60Hz 230/400V (characteristic: B, C, D ①)	[kA]	7.5
Rated frequency		50/60
Mounting position		any
Disconnecter properties according to IEC 60947-2		yes
Standards		IEC 60947-2 EN 60898 (B, C, D)
Connections CU (10...125A)	[mm ²]	1...50 strand 1...70 cable
Tightening torque	[Nm]	min. 3 / max. 4
Supply AC		any
Mounting on DIN top hat rail		EN 60715
Permissible ambient temperature for operations		-25...+60
Storage temperature		-40...+70
Type of protection		IP20 IP40 (only actuation side)
Classification in accordance with NF-16-101, NF16-102		I3F2

① (DC) ≤ 100A; S800C-D125 only IEC 60947-2