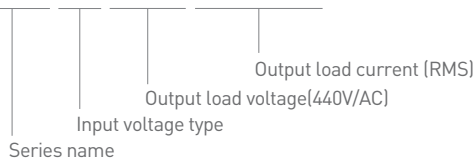


ORDERING INFORMATION

SFA40 □ □



- AC Input(Trigger), AC Output
- Input voltage(Trigger) 185~250V
- AC Load current 40A~170A
- Zero cross



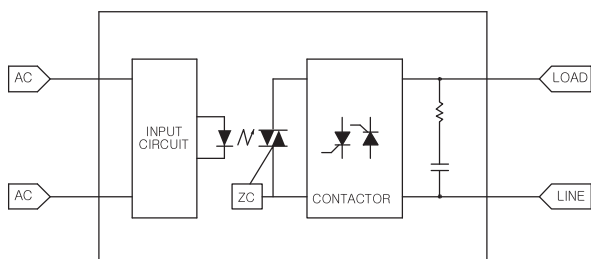
SFA40-SERIES SPECIFICATIONS

		SFA4040	SFA4055	SFA4085	SFA40110	SFA40140	SFA40170	UNIT
LOAD	Maximum load current	40	55	85	110	140	170	ARMS
	Load voltage	85V ~ 440V AC						V
	Surge on-state current (½cycle, 60Hz)	580	1300	1750	1950	2300	2550	A
	Maximum off-state leakage current	30 Max						mA
	Maximum on-state voltage drop	1.6						V
INPUT	Input volage	185V ~ 250V AC						V
	Input impedance	14						kΩ
	Drop-out voltage	100						V

SFA40-SERIES CHARACTERISTICS

	SFA4040	SFA4055	SFA4085	SFA40110	SFA40140	SFA40170	UNIT
Operate time, max.	(½ cycle of voltage sine wave)+1 msec						mS
Release time, max.	(½ cycle of voltage sine wave)+1 msec						mS
Insulation resistance, min.	DC 500V 100MΩ between input, output and case						MΩ
Insulation voltage	2,500Vrms between input, output and case						V
Ambient temperature	-30°C ~ +80°C						°C
Storage temperature	-30°C ~ +80°C						°C
Operational method	Zero-cross (Turn-on and Turn-off)						-

SIMPLIFIED CIRCUIT



DIMENSION

