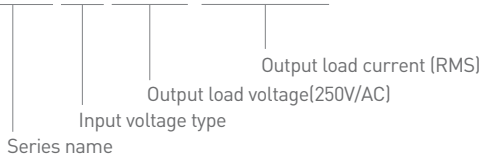
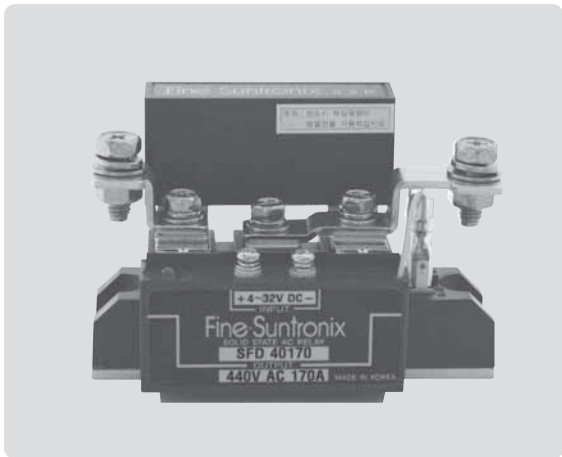


ORDERING INFORMATION

SFD40 □ □



- AC Input(Trigger), AC Output
- Input voltage(Trigger) 4V~32V
- AC Load current 40A~170A
- Zero cross



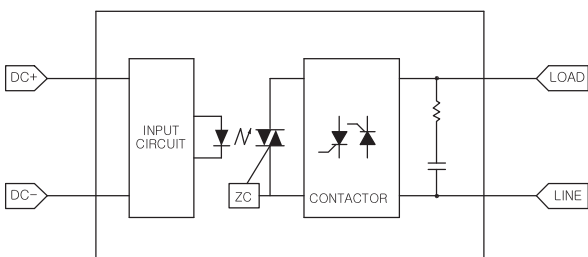
SFD40-SERIES SPECIFICATIONS

		SFD4040	SFD4055	SFD4085	SFD40110	SFD40140	SFD40170	UNIT
LOAD	Maximum load current LOAD	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	4V ~ 32V DC						V
	Input impedance	0.4						kΩ
	Drop-out voltage	2.5						V

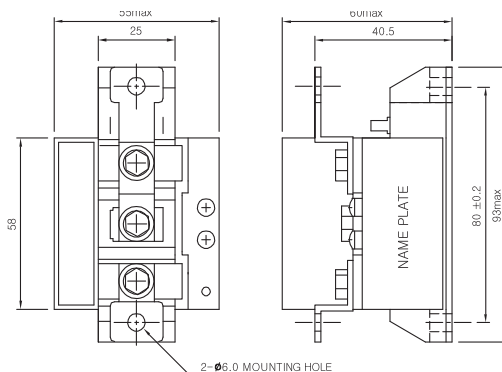
SFD40-SERIES CHARACTERISTICS

	SFD4040	SFD4055	SFD4085	SFD40110	SFD40140	SFD40170	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



* Tolerance : ±1
* Dimensions in mm