



HURGE

SCRs &
TRIACS

APPLICATION GUIDE

Kitchen Appliances

Refrigerator

Surge Parts

SX008/SX011

SST1389

STO410

SST8DW

Similar Competitor Parts

MCR100-6/MCR100-8

BT138X

T405/T410

Dishwasher

Surge Parts

ACS110

SST04/ST0410

SST08

Similar Competitor Parts

ACS108

T410/T435

T810/BTA208S/BTA08

Microwave Oven

Surge Parts

SST06/SST12

SST16

Similar Competitor Parts

BTA06/BTA12

BTA16

Applications:

Refrigerator:

Negative Ion Generator
Motor Soft Starter
Ventilation Fan

Dishwasher:

Timer
Door Lock
Water Inlet Valve
Water Heater
Detergent/Rinse Aid Dispenser
Extraction Pump

Microwave Oven:

Halogen Lamp Heating
Rotating Plate Control



Cooking Appliances

Coffee Maker

Surge Parts	Similar Competitor Parts
ACST110/SST131/ACST105	BT131/Z0107
SST08	BTA08
SST12	BTA12
SST16	BTA16
SST24	BTB24

Rice Cooker

Surge Parts	Similar Competitor Parts
SST136/JST137	BT136/BT137/BTA12
SST12/SST16	BTA16

Food Processor

Surge Parts	Similar Competitor Parts
SST134/SST136/SST104	BT137
SST06	BTB06-600BW
SST137/SST08	BTA08
SST12	

Juice Machine

Surge Parts	Similar Competitor Parts
SST06/SST12	BTB06-600BW
	BTB12-600BW

Applications:

Coffee Maker:
Motor Speed Control

Rice Cooker:
Heating

Food Processor:
Speed Motor Control

Juice Machine:
Speed Motor Control

Home Appliances

Washing Machines

Surge Part	Similar Competitor Parts
ACST110; SST131; ACS110	ACS108/BCR1AM/BTA201/Z0103; Z0107
ACST210	ACST2/BCR2PM
SST04; ST0410; SST134	ACST4/Z0405/T410
ST835H	BCR8PM/BTA308X/BTA208X/T830 -800W
SST12	BTA12/BTA412Y
SST16	BTA16/BTA416Y
SST24	BTB24

Bidet

Surge Part	Similar Competitor Parts
ST1635H8F	BCR16PM
STR835H8F	BCR8PM/BCR5PM
ACST110	BCTR1AM

Water Purifier

Surge Part	Similar Competitor Parts
SST16/SST24	BCR16PM/BCR25KM

Fan

Surge Part	Similar Competitor Parts
SST131/SST130/SST134	BT131/Z00607/BT134
SST136/SST137/SST138	BT136/BT137
SST139	BT138/BT139

Vacuum Cleaner

Surge Part	Similar Competitor Parts
SST08/SST12	BTA08/BTA12/BTA16
SST16/SST24	BTA24

Water Heater

Surge Part	Similar Competitor Parts
SST16	BTA16
SST24/SST26	BTRA24/BTA26
SST41	BTA41/TG35C60/BTA40/Q6040
SST55	
SST80	

SCT625 (SCR)	TYN625
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Applications:

Washing Machine:

Timer, Door Lock, Power Dispensers, Hot/Cold Inlet Valves, Electric Motor, Magnetic Switch

Bidet:

Water Heater

Water Purifier:

Speed Motor Control

Fan:

Fan Regulator

Vacuum Cleaner:

Motor Speed Control

Electric Water Heater:

Water Heater



Ignition Circuits

Capacitor Discharge Ignition

Surge Parts	Similar Competitor Parts
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SX020	2P4M
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SX040	X0405/C106M/BT258B
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SX075/SCT151/SCT612	BT151/TYN612
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SCT616	TYN616
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SCT640	TYN640
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Gas Ignitor

Surge Parts	Similar Competitor Parts
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SX008	BT169D/MCR100
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Applications:

CDI:

Outboard Motors, Lawn Mowers, Motorcycles

Gas Ignition:

Gas Grills, Stoves

Voltage Control

Leakage Circuit Breaker

Surge Parts

SX008/SX011

SX014

Similar Competitor Parts

MCR100-6/MCR100-8

BT169/CR08AS/CR03AM-12/CR03AM-16/FS0203/FS0103

Electronic Power Module

Surge Parts

SCT1655/SCT1675

SCT1690/SCGT090

SCGT110 25A ~ 250A/1600V SCRs

SST55/SST80 12A ~ 80A/1600V TRIACs

Similar Competitor Parts

BTB55/BTB60/BTB80

SEMIKTRON SERIES

Applications:

Leakage Circuit Breaker:

ECB
MCB

Electronic Power Module:

SCR Module
Reactive Power Compensation
SSR

Office Products

Printers/Copiers

Surge Parts

Similar Competitor Parts

SST24F-800BW

BCR25FR-12LB

ST1235H8F

BCR12PM

ST1635H8F

BCR16PM

Applications:

Printers/Copiers

Power Supply

Heating Resistor





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