

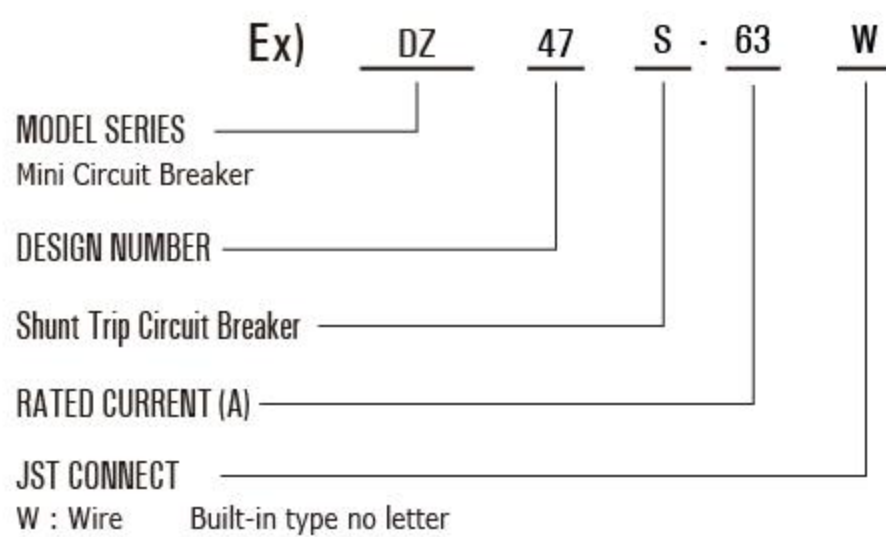
Shunt-release Circuit Breaker

DZ47S-63

Application:

- DZ47S-63 with Shunt-release Circuit Breaker for AC 50Hz/60Hz, rated working voltage 230V, rated current up to 63A of the lines, on lines from overload and short circuit protection, also can be remote controlled circuit breaking, but also lines are not as frequently used conversion operation.
- Standard: GB10963.1, EN60898-1, IEC60898-1

Meaning and classification models



Structural Characteristics

- Breaking capacity of 6000A.
- L pole electromagnetic protection and thermal protection function, N pole electromagnetic protection function, S for SHT.
- Automatic winding machine winding system SHT coil can withstand 3000V (1.2/50μs) voltage test, insulation to meet the CEI 28-6 level III.
- SHT life of more than 4000 times
- Shunt trip coil has a limiting role in ensuring that the coil in the SHT current line in the absorption value in a reliable security within the actual use can be effective in preventing the phenomenon of the process of burning coil.
- Shunt trip device designed to separate a very strong anti-interference, can be effective in preventing shunt release of electromagnetic interference and malfunction under thermal interference.
- Using internationally accepted JST wiring Block, versatile, reliable access to.
- Terminal torque 2N · m.

Normal operation and mounting requirement

- Circumstance temperature -5° C ~ +40° C, average temperature within 24h not exceeding +35° C.
- Altitude above sea level less than 2000 m.
- Humidity not exceeding 50% at 40° C and not exceeding 90% at 25° C.
- Installation class II or III.
- Pollution class 2.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed at the place where there shall be no severe impact and vibration.
- Product shall be vertically mounted onto standard Din rail 35mm.

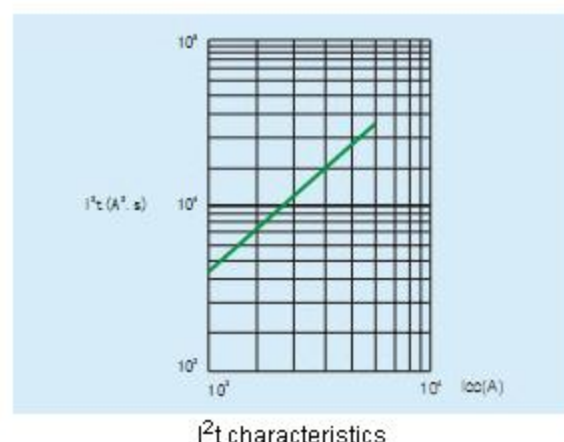
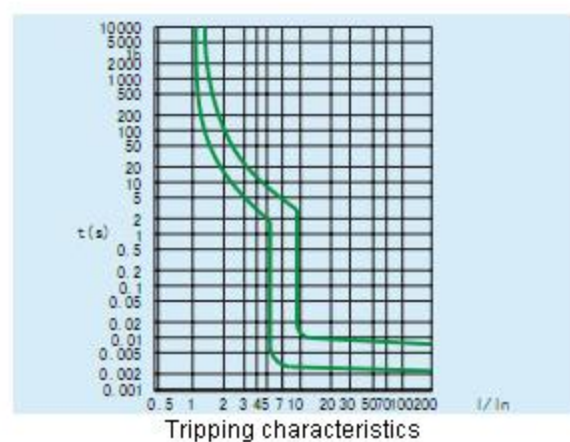
Technical Data

Type	DZ47S-63, DZ47S-63W
Rated Voltage (V)	230V
Rated Current (A)	63A
Instantaneous trip type	C Type
Short-circuit breaking capacity	6000A, COSΦ=0.7
Mechanical Life	≥ 10000 cycles
SHT(shut trip) Life	≥ 4000 cycles

Over-current protection characteristics

Item.	Rated Current (In)	Origin Stated	Test Current	Trip or not trip time (t)	Results
a	63A	Cold	1.13In	t ≤ 1h	Not trip
b		Follow a test	1.45In	t < 1h	Trip
d		Cold	2.55In	1s < t < 120s	Trip
d		Cold	5In	0.1 < t < 30s	Trip
			10In	t < 0.1s	Trip

Characteristics Curve



Overall and Mounting Dimensioned Chart

