

# DC

DC Plastic Shell Type  
Circuit Breaker

DC Automatic  
Transfer Switch



## Product Type

**YE M 3 D - 250 / 2 300 100A Z**



□ YEM3D-250

| Enterprise code | Product category | Design code | Product's code | Breaking capacity | Pole | Release and part's code | Rated current | Operation type |
|-----------------|------------------|-------------|----------------|-------------------|------|-------------------------|---------------|----------------|
|-----------------|------------------|-------------|----------------|-------------------|------|-------------------------|---------------|----------------|

### Technical parameter

| Type   | YEM3D-250                                    |      |
|--|--|------|
| Rated voltage Ue(V)                                    | DC 1500                                      |      |
| Rated insulation voltage Ui(V)                         | 1600   |      |
| Rated impulse withstand voltage Uimp(kV)               | 12   |      |
| Rated current In(A)                                    | 100/125/160/180/200/225/250                  |      |
| Pole   | 2  |      |
| Rated ultimate short-circuit breaking capacity Icu(kV) | 15   |      |
| Rated ultimate short-circuit breaking capacity Icu(kA) | 15   |      |
| Operation performance                                  | No mechanical maintenance                    | 7000 |
|  | Electrified                                  | 1000 |
| Protection type  | Distribution protection                      | √    |
|  | Motor protection                             | √    |
| Trip method  | Thermal magnetic protection                  | √    |
|  | Single magnetic protection                   | √    |
| Installation method                                    | Front board wiring                           | √    |
|  | Back board wiring                            | √    |
| Product accessories                                    | Undervoltage release                         | √    |
|  | Shunt release                                | √    |
|  | Alarm contact                                | √    |
|  | Auxiliary contacts (one Open and one closed) | √    |
|  | Auxiliary contacts (two Open and two closed) | √    |
|  | Expand terminal                              | √    |
|  | AC operation Cd1                             | √    |
|  | AC and DC universal electric operation Cd2   | √    |
|  | Round direct manual operation                | √    |
|  | Square direct manual operation               | √    |
|  | Round extension manual operation             | √    |
| Square extension manual operation                      | √  |      |
| Interphase partition                                   | √  |      |
| Accessories self-installation                          | Yes  |      |
| Isolation function                                     | Yes  |      |
| Using category   | A class                                      |      |
| Installation dimension                                 | 35*161*φ5                                    |      |
| Size(Wide * high * long)                               | 200*135*86                                   |      |



□ YES1-63NZ

## Product Type

**YE S 1 - 63 NZ / 2 63A**

|              |              |              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Product code | Product code | Product code | Product code | Product code | Product code | Product code |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|

### Technical parameter

|                     |  |
|---------------------|--|
| Model               | YES1-63NZ  |
| Rated current       | 16A、20A、25A、32A、40A、50A、63A  |
| Rated control power | AC220V/AC110V (50Hz/60Hz)  |
| Used class          | DC-33B   |
| Electric life       | 2000times  |
| Mechanical life     | 10000times   |
| Operating mode      | Self-transfer self-recover (Split type: self-transfer self-recover, self-transfer but not self-recover, mutual backup) |
| Connection type     | 1 in 2 out (the power of 1 circuit connects to 2 loads, which is used in alternation.)                                 |