

# MCset

## Switchgear

Medium voltage withdrawable switchgear equipped with SF6 or vacuum circuit breaker / contactor under license of SCHNEIDER ELECTRIC

| Rated Voltage (KV)                             | 7.2                                    | 12                           | 17.5           |
|------------------------------------------------|----------------------------------------|------------------------------|----------------|
| Applications                                   | Distribution    motor control          |                              | Distribution   |
| Standard                                       | IEC 62271 - 1 , 62271 - 200            |                              |                |
| Classification                                 | LSC2B-PM                               |                              |                |
| Internal arc classification                    | AFLR (according to IEC62271 - 200 )    |                              |                |
| Electrical Characteristics                     |                                        |                              |                |
| Power frequency withstand 1 min (KV rms)       | 20                                     | 28                           | 38             |
| Impulse voltage withstand 1.2 / 50 (KV peak)   | 60                                     | 75                           | 90             |
| Short circuit withstand current (3 s) (KA rms) | 25 - 31.5 - 40 - ( 50 , 1 s )          |                              | 25 - 31.5 - 40 |
| Rated busbar current (A)                       | Up to 4000                             |                              |                |
| Rated equipment current (A)                    | 630 - 4000                             | 250                      200 | 630 - 2500     |
| Mechanical Characteristics                     |                                        |                              |                |
| Degree of protection IEC 60529                 | IP 30 / 31 / 40 / 41                   |                              |                |
| Height (mm)                                    | 2300                                   | 2300                         | 2300           |
| Width (mm)                                     | 570 - 700 - 900                        | 570 - 700 - 900              | 700 - 900      |
| Depth basic (mm)                               | 1550                                   | 1550                         | 1550           |
| Depth (internal arc) (mm)                      | 1725                                   | 1725                         | 1725           |
| Weight (kg)                                    | 600 - 800                              | 600 - 800                    | 700 - 800      |
| Surface protection                             | Polyester powder coating (oven curing) |                              |                |
| Standard color                                 | *RAL 7032 / 7035                       |                              |                |
| Cable entry                                    | Bottom or top                          |                              |                |
| Access                                         | Rear and front                         |                              |                |

\* Other colors on request