



Description Switch disconnector  
Code 90 AM Range  
No. of poles 3P  
Rated current 40 A  
AC Rated operational voltage (Ue) 415 V

ELECTRICAL CHARACTERISTICS

|                                                 |                 |
|-------------------------------------------------|-----------------|
| Standard                                        | EN 60947-3      |
| Rated insulation voltage (Ui)                   | 500 V           |
| Rated impulse withstand voltage (Uimp)          | 4 kV            |
| Rated frequency (Hz)                            | 50/60 Hz        |
| Use category                                    | AC-23B          |
| Rated short-time withstand current for 1s (Icw) | 480 A           |
| Power dissipation per pole                      | 1,5 W           |
| Electrical endurance                            | 5.000 maneuvers |

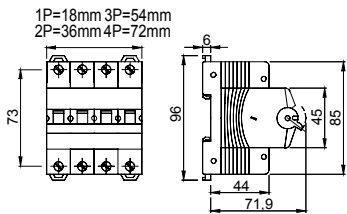
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MECHANICAL CHARACTERISTICS

|                           |                                                                                 |
|---------------------------|---------------------------------------------------------------------------------|
| Mechanical life           | 20.000 maneuvers                                                                |
| Screwdriver suggested     | PZ2                                                                             |
| Rated tightening torque   | 2 Nm                                                                            |
| Max rigid cable section   | ≤ 1x35 mm <sup>2</sup> - ≤ 2x16 mm <sup>2</sup> - ≤ 1x16 + 2x10 mm <sup>2</sup> |
| Max. section flex. cables | ≤ 1x35 mm <sup>2</sup> - ≤ 2x16 mm <sup>2</sup> - ≤ 1x16 + 2x10 mm <sup>2</sup> |
| IP degree                 | IP20                                                                            |
| Working temperature       | -5°C + +40°C                                                                    |
| Tropicalization           | 55°C - UR 95%                                                                   |

|                                     |                       |
|-------------------------------------|-----------------------|
| - Upline/downline power supply      | Yes                   |
| - Biconnection (cable + fork combs) | Yes (downstream only) |
| - Lockable                          | No                    |

DIMENSIONAL



STANDARDS/APPROVALS

