

## KBS 10kA MCB



### Function and Feature

- Designed up to 10kA
- Compact Design for professional look
- Fast closing mechanism to increase service life
- Suitable for Isolation
- Guarantee operational safety at the downstream
- Designed to fix auxiliaries available for monitoring and remote tripping

### Technical Data

|                                        |                 |                                                   |
|----------------------------------------|-----------------|---------------------------------------------------|
| Rated Current (In)                     | A               | 1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 |
| Rated Voltage (Ue)                     | V               | 230/240, 400/415                                  |
| Number of Poles                        |                 | 1P, 2P, 3P, 4P, 1P+N, 3P+N                        |
| Rated Breaking Capacity                | Ultimate (Icn)  | kA 10                                             |
|                                        | Service (Ics)   | kA 7.5                                            |
| Rated Frequency                        | Hz              | 50/60                                             |
| IP Degree                              |                 | IP20                                              |
| Tripping Characteristics               |                 | B, C, D                                           |
| Energy Limiting Class                  |                 | 3                                                 |
| Electrical Endurance                   | Cycles          | 4000                                              |
| Mechanical Endurance                   | Cycles          | 10000                                             |
| Rated Insulation Voltage (Ui)          | V               | 500                                               |
| Rated Impulse Withstand Voltage (Uimp) | kV              | 6                                                 |
| Cable Termination                      | mm <sup>2</sup> | 25                                                |
| Torque Screw                           | N.m             | 2.5                                               |
| Terminal                               |                 | Pillar Type                                       |

IEC/EN 60898-1  
AS/NZS 60898.1

10000

3

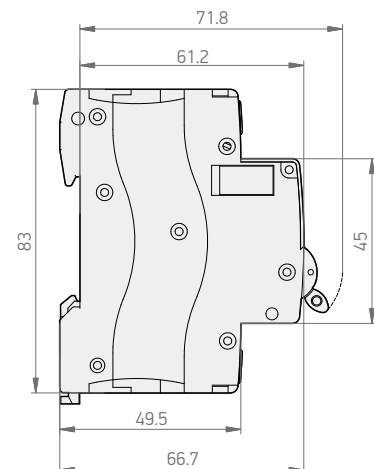
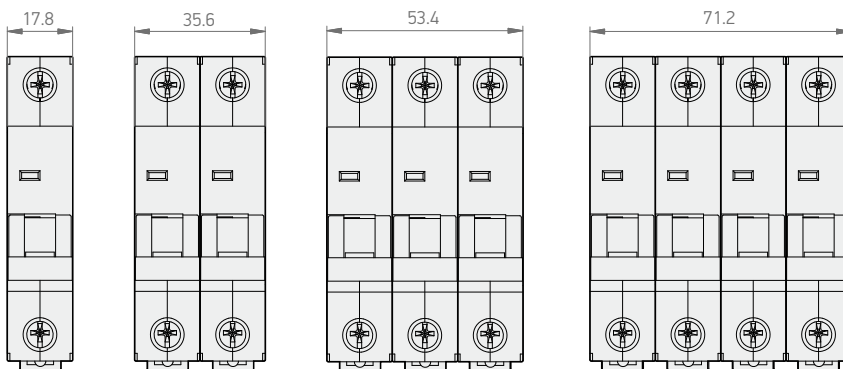
### Applications



### Approval / Marking



### Dimensions(mm)



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#### Ordering System

| Characteristics B, C, D |                                                                                   |            |            |                                                                                   |              |              |                                                                                     |            |            |
|-------------------------|-----------------------------------------------------------------------------------|------------|------------|-----------------------------------------------------------------------------------|--------------|--------------|-------------------------------------------------------------------------------------|------------|------------|
| Poles                   | 1P                                                                                |            |            | 1P+N                                                                              |              |              | 2P                                                                                  |            |            |
|                         |  |            |            |  |              |              |  |            |            |
| In (A)                  | B(3-5In)                                                                          | C(5-10In)  | D(10-20In) | B(3-5In)                                                                          | C(5-10In)    | D(10-20In)   | B(3-5In)                                                                            | C(5-10In)  | D(10-20In) |
| 1                       | KBS 1P B1                                                                         | KBS 1P C1  | KBS 1P D1  | KBS 1P+N B1                                                                       | KBS 1P+N C1  | KBS 1P+N D1  | KBS 2P B1                                                                           | KBS 2P C1  | KBS 2P D1  |
| 2                       | KBS 1P B2                                                                         | KBS 1P C2  | KBS 1P D2  | KBS 1P+N B2                                                                       | KBS 1P+N C2  | KBS 1P+N D2  | KBS 2P B2                                                                           | KBS 2P C2  | KBS 2P D2  |
| 3                       | KBS 1P B3                                                                         | KBS 1P C3  | KBS 1P D3  | KBS 1P+N B3                                                                       | KBS 1P+N C3  | KBS 1P+N D3  | KBS 2P B3                                                                           | KBS 2P C3  | KBS 2P D3  |
| 4                       | KBS 1P B4                                                                         | KBS 1P C4  | KBS 1P D4  | KBS 1P+N B4                                                                       | KBS 1P+N C4  | KBS 1P+N D4  | KBS 2P B4                                                                           | KBS 2P C4  | KBS 2P D4  |
| 6                       | KBS 1P B6                                                                         | KBS 1P C6  | KBS 1P D6  | KBS 1P+N B6                                                                       | KBS 1P+N C6  | KBS 1P+N D6  | KBS 2P B6                                                                           | KBS 2P C6  | KBS 2P D6  |
| 10                      | KBS 1P B10                                                                        | KBS 1P C10 | KBS 1P D10 | KBS 1P+N B10                                                                      | KBS 1P+N C10 | KBS 1P+N D10 | KBS 2P B10                                                                          | KBS 2P C10 | KBS 2P D10 |
| 13                      | KBS 1P B13                                                                        | KBS 1P C13 | KBS 1P D13 | KBS 1P+N B13                                                                      | KBS 1P+N C13 | KBS 1P+N D13 | KBS 2P B13                                                                          | KBS 2P C13 | KBS 2P D13 |
| 16                      | KBS 1P B16                                                                        | KBS 1P C16 | KBS 1P D16 | KBS 1P+N B16                                                                      | KBS 1P+N C16 | KBS 1P+N D16 | KBS 2P B16                                                                          | KBS 2P C16 | KBS 2P D16 |
| 20                      | KBS 1P B20                                                                        | KBS 1P C20 | KBS 1P D20 | KBS 1P+N B20                                                                      | KBS 1P+N C20 | KBS 1P+N D20 | KBS 2P B20                                                                          | KBS 2P C20 | KBS 2P D20 |
| 25                      | KBS 1P B25                                                                        | KBS 1P C25 | KBS 1P D25 | KBS 1P+N B25                                                                      | KBS 1P+N C25 | KBS 1P+N D25 | KBS 2P B25                                                                          | KBS 2P C25 | KBS 2P D25 |
| 32                      | KBS 1P B32                                                                        | KBS 1P C32 | KBS 1P D32 | KBS 1P+N B32                                                                      | KBS 1P+N C32 | KBS 1P+N D32 | KBS 2P B32                                                                          | KBS 2P C32 | KBS 2P D32 |
| 40                      | KBS 1P B40                                                                        | KBS 1P C40 | KBS 1P D40 | KBS 1P+N B40                                                                      | KBS 1P+N C40 | KBS 1P+N D40 | KBS 2P B40                                                                          | KBS 2P C40 | KBS 2P D40 |
| 50                      | KBS 1P B50                                                                        | KBS 1P C50 | KBS 1P D50 | KBS 1P+N B50                                                                      | KBS 1P+N C50 | KBS 1P+N D50 | KBS 2P B50                                                                          | KBS 2P C50 | KBS 2P D50 |
| 63                      | KBS 1P B63                                                                        | KBS 1P C63 | KBS 1P D63 | KBS 1P+N B63                                                                      | KBS 1P+N C63 | KBS 1P+N D63 | KBS 2P B63                                                                          | KBS 2P C63 | KBS 2P D63 |

| Characteristics B, C, D |                                                                                     |            |            |                                                                                     |              |              |                                                                                       |            |            |
|-------------------------|-------------------------------------------------------------------------------------|------------|------------|-------------------------------------------------------------------------------------|--------------|--------------|---------------------------------------------------------------------------------------|------------|------------|
| Poles                   | 3P                                                                                  |            |            | 3P+N                                                                                |              |              | 4P                                                                                    |            |            |
|                         |  |            |            |  |              |              |  |            |            |
| In (A)                  | B(3-5In)                                                                            | C(5-10In)  | D(10-20In) | B(3-5In)                                                                            | C(5-10In)    | D(10-20In)   | B(3-5In)                                                                              | C(5-10In)  | D(10-20In) |
| 1                       | KBS 3P B1                                                                           | KBS 3P C1  | KBS 3P D1  | KBS 3P+N B1                                                                         | KBS 3P+N C1  | KBS 3P+N D1  | KBS 4P B1                                                                             | KBS 4P C1  | KBS 4P D1  |
| 2                       | KBS 3P B2                                                                           | KBS 3P C2  | KBS 3P D2  | KBS 3P+N B2                                                                         | KBS 3P+N C2  | KBS 3P+N D2  | KBS 4P B2                                                                             | KBS 4P C2  | KBS 4P D2  |
| 3                       | KBS 3P B3                                                                           | KBS 3P C3  | KBS 3P D3  | KBS 3P+N B3                                                                         | KBS 3P+N C3  | KBS 3P+N D3  | KBS 4P B3                                                                             | KBS 4P C3  | KBS 4P D3  |
| 4                       | KBS 3P B4                                                                           | KBS 3P C4  | KBS 3P D4  | KBS 3P+N B4                                                                         | KBS 3P+N C4  | KBS 3P+N D4  | KBS 4P B4                                                                             | KBS 4P C4  | KBS 4P D4  |
| 6                       | KBS 3P B6                                                                           | KBS 3P C6  | KBS 3P D6  | KBS 3P+N B6                                                                         | KBS 3P+N C6  | KBS 3P+N D6  | KBS 4P B6                                                                             | KBS 4P C6  | KBS 4P D6  |
| 10                      | KBS 3P B10                                                                          | KBS 3P C10 | KBS 3P D10 | KBS 3P+N B10                                                                        | KBS 3P+N C10 | KBS 3P+N D10 | KBS 4P B10                                                                            | KBS 4P C10 | KBS 4P D10 |
| 13                      | KBS 3P B13                                                                          | KBS 3P C13 | KBS 3P D13 | KBS 3P+N B13                                                                        | KBS 3P+N C13 | KBS 3P+N D13 | KBS 4P B13                                                                            | KBS 4P C13 | KBS 4P D13 |
| 16                      | KBS 3P B16                                                                          | KBS 3P C16 | KBS 3P D16 | KBS 3P+N B16                                                                        | KBS 3P+N C16 | KBS 3P+N D16 | KBS 4P B16                                                                            | KBS 4P C16 | KBS 4P D16 |
| 20                      | KBS 3P B20                                                                          | KBS 3P C20 | KBS 3P D20 | KBS 3P+N B20                                                                        | KBS 3P+N C20 | KBS 3P+N D20 | KBS 4P B20                                                                            | KBS 4P C20 | KBS 4P D20 |
| 25                      | KBS 3P B25                                                                          | KBS 3P C25 | KBS 3P D25 | KBS 3P+N B25                                                                        | KBS 3P+N C25 | KBS 3P+N D25 | KBS 4P B25                                                                            | KBS 4P C25 | KBS 4P D25 |
| 32                      | KBS 3P B32                                                                          | KBS 3P C32 | KBS 3P D32 | KBS 3P+N B32                                                                        | KBS 3P+N C32 | KBS 3P+N D32 | KBS 4P B32                                                                            | KBS 4P C32 | KBS 4P D32 |
| 40                      | KBS 3P B40                                                                          | KBS 3P C40 | KBS 3P D40 | KBS 3P+N B40                                                                        | KBS 3P+N C40 | KBS 3P+N D40 | KBS 4P B40                                                                            | KBS 4P C40 | KBS 4P D40 |
| 50                      | KBS 3P B50                                                                          | KBS 3P C50 | KBS 3P D50 | KBS 3P+N B50                                                                        | KBS 3P+N C50 | KBS 3P+N D50 | KBS 4P B50                                                                            | KBS 4P C50 | KBS 4P D50 |
| 63                      | KBS 3P B63                                                                          | KBS 3P C63 | KBS 3P D63 | KBS 3P+N B63                                                                        | KBS 3P+N C63 | KBS 3P+N D63 | KBS 4P B63                                                                            | KBS 4P C63 | KBS 4P D63 |