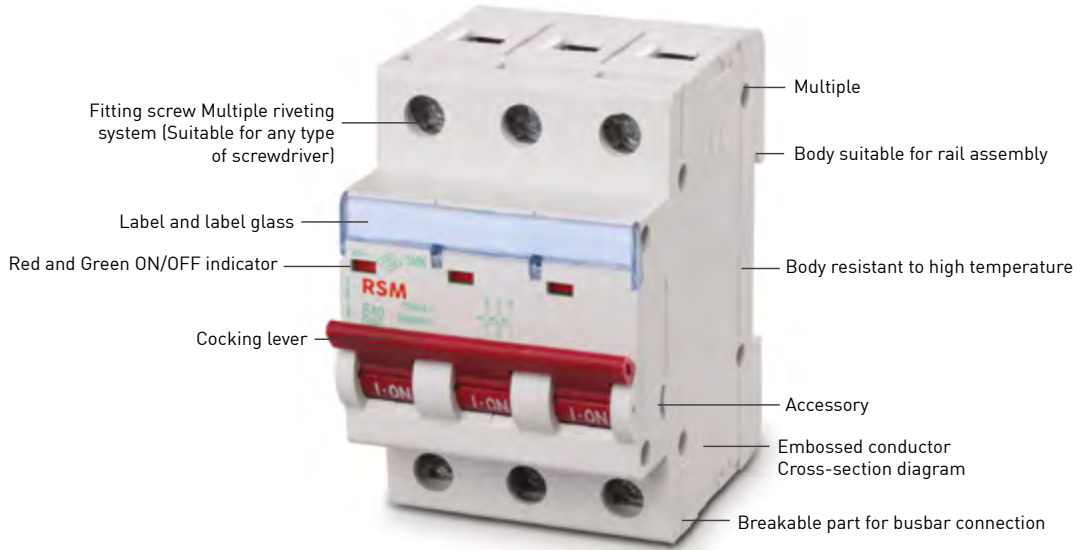


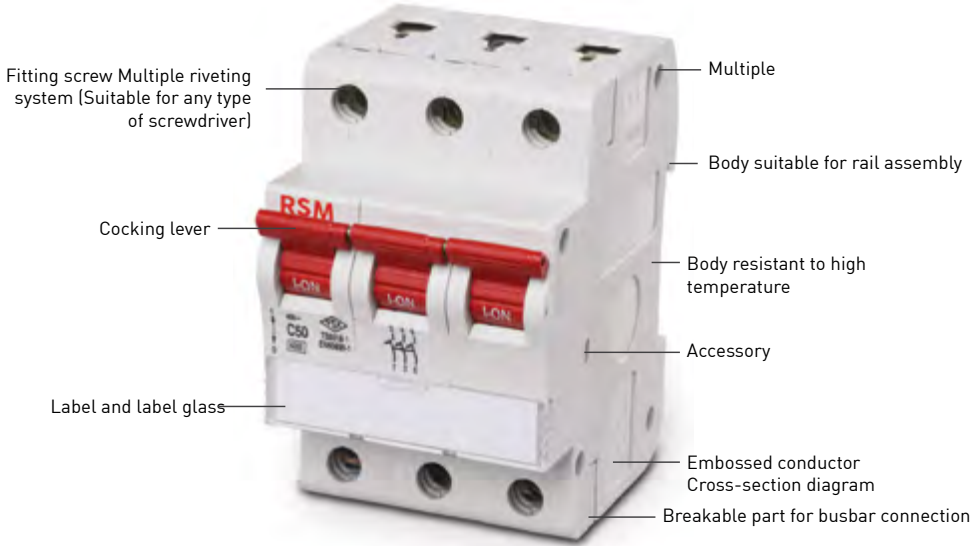


MINIATURE CIRCUIT BREAKERS (MCBs)

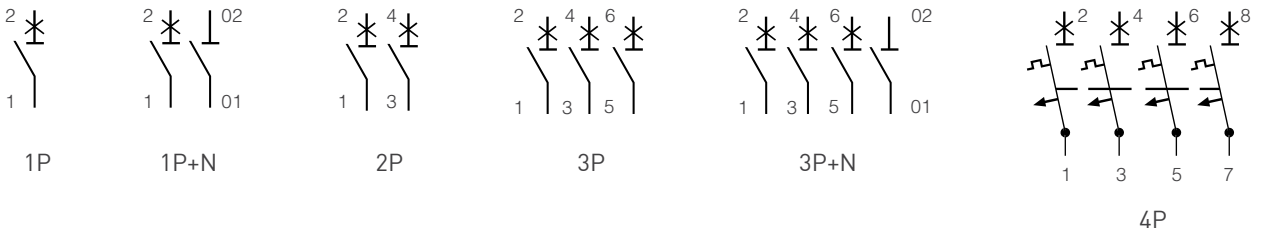
3 kA Product Specifications



6 kA / 10 kA Product Specifications



Wiring Diagrams



MINIATURE CIRCUIT BREAKERS (MCBs)

RSM

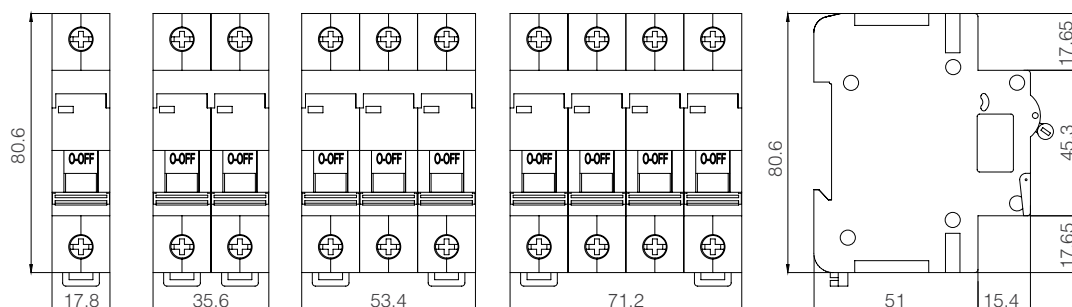
3 kA Technical Specifications

| | |
|---------------------------|--|
| Assembling Method | Attaching to 35 mm rail complying with DIN EN 50022 |
| Rated Voltage Un (V) | 230/400 V AC 1P, 1P+N, 400 V AC 2P, 3P, 3P+N, 4P |
| Rated Current In (A) | 1 A, 2 A, 3 A, 4 A, 5 A, 6 A, 10 A, 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A, 80 A, 100 A, 125 A |
| Protection Class | IP 20 |
| Number of Poles | 1P, 1P+N, 2P, 3P, 3P+N, 4P |
| Opening Curve | Type B and C |
| Conductor cross-section | 0.5 mm ² -25 mm ² |
| Mechanical endurance | 40.000 Periods |
| Electric endurance | 20.000 Periods |
| Working Frequency | 50/60 Hz |
| Cutting Capacity Inc (kA) | 3 kA |
| Applicable Standard | TS 5018-1 EN 60898-1 |
| Environment Temperature | -5°C to+40°C |

6 kA - 10 kA Technical Specifications

| | |
|---------------------------|--|
| Rated Current In (A) | 6 kA Automatic Fuses 1 A, 2 A, 3 A, 4 A, 5 A, 6 A, 10 A, 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A, 80 A, 100 A, 125 A 10 kA Automatic Fuses 6 A, 10 A, 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A, 80 A, 100 A, 125 A |
| Environment Temperature | -5°C to +40°C |
| Rated Voltage Un (V) | 230/400 V AC 1P, 1P+N, 400 V AC 2P, 3P, 3P+N, 4P |
| Characteristic | Types "B" and "C" |
| Protection Class | IP 20 |
| Conductor cross-section | 0.5 mm ² -25 mm ² |
| Assembling Method | Attaching to 35 mm rail complying with DIN EN 50022 |
| Mechanical Endurance | 40.000 periods |
| Electric Endurance | 20.000 periods |
| Working Frequency | 50/60 Hz |
| Cutting Capacity Inc (kA) | 6 kA ve 10 kA |
| Applicable Standard | TS 5018-1 EN 60898-1 |

Technical Drawings



| Product Name | Rated Current I_n (A) | Code No | Pcs in Box | Pcs Pack. |
|--------------|-------------------------|---------|------------|-----------|
|--------------|-------------------------|---------|------------|-----------|

1 Poled, B Type



| | | | |
|-----|----------------|----|-----|
| 1 | 1241.1.1.01.1 | 12 | 120 |
| 2 | 1241.1.1.01.2 | 12 | 120 |
| 3 | 1241.1.1.01.3 | 12 | 120 |
| 4 | 1241.1.1.01.4 | 12 | 120 |
| 5 | 1241.1.1.01.5 | 12 | 120 |
| 6 | 1241.1.1.01.6 | 12 | 120 |
| 10 | 1241.1.1.01.7 | 12 | 120 |
| 16 | 1241.1.1.01.8 | 12 | 120 |
| 20 | 1241.1.1.01.9 | 12 | 120 |
| 25 | 1241.1.1.01.10 | 12 | 120 |
| 32 | 1241.1.1.01.11 | 12 | 120 |
| 40 | 1241.1.1.01.12 | 12 | 120 |
| 50 | 1241.1.1.01.13 | 12 | 120 |
| 63 | 1241.1.1.01.14 | 12 | 120 |
| 80 | 1241.1.1.01.15 | 12 | 120 |
| 100 | 1241.1.1.01.16 | 12 | 120 |
| 125 | 1241.1.1.01.17 | 12 | 120 |

1P+N Poled, B Type



| | | | |
|-----|----------------|---|----|
| 1 | 1241.1.1.02.1 | 6 | 60 |
| 2 | 1241.1.1.02.2 | 6 | 60 |
| 3 | 1241.1.1.02.3 | 6 | 60 |
| 4 | 1241.1.1.02.4 | 6 | 60 |
| 5 | 1241.1.1.02.5 | 6 | 60 |
| 6 | 1241.1.1.02.6 | 6 | 60 |
| 10 | 1241.1.1.02.7 | 6 | 60 |
| 16 | 1241.1.1.02.8 | 6 | 60 |
| 20 | 1241.1.1.02.9 | 6 | 60 |
| 25 | 1241.1.1.02.10 | 6 | 60 |
| 32 | 1241.1.1.02.11 | 6 | 60 |
| 40 | 1241.1.1.02.12 | 6 | 60 |
| 50 | 1241.1.1.02.13 | 6 | 60 |
| 63 | 1241.1.1.02.14 | 6 | 60 |
| 80 | 1241.1.1.02.15 | 6 | 60 |
| 100 | 1241.1.1.02.16 | 6 | 60 |
| 125 | 1241.1.1.02.17 | 6 | 60 |

2 Poled, B Type



| | | | |
|-----|----------------|---|----|
| 1 | 1241.1.1.03.1 | 6 | 60 |
| 2 | 1241.1.1.03.2 | 6 | 60 |
| 3 | 1241.1.1.03.3 | 6 | 60 |
| 4 | 1241.1.1.03.4 | 6 | 60 |
| 5 | 1241.1.1.03.5 | 6 | 60 |
| 6 | 1241.1.1.03.6 | 6 | 60 |
| 10 | 1241.1.1.03.7 | 6 | 60 |
| 16 | 1241.1.1.03.8 | 6 | 60 |
| 20 | 1241.1.1.03.9 | 6 | 60 |
| 25 | 1241.1.1.03.10 | 6 | 60 |
| 32 | 1241.1.1.03.11 | 6 | 60 |
| 40 | 1241.1.1.03.12 | 6 | 60 |
| 50 | 1241.1.1.03.13 | 6 | 60 |
| 63 | 1241.1.1.03.14 | 6 | 60 |
| 80 | 1241.1.1.03.15 | 6 | 60 |
| 100 | 1241.1.1.03.16 | 6 | 60 |
| 125 | 1241.1.1.03.17 | 6 | 60 |

MINIATURE CIRCUIT BREAKERS (MCBs) 3 kA, B TYPE

RSM

| Rated Current I_n (A) | Code No | Pcs in Box | Pcs Pack. | Product Name |
|----------------------------|---------|------------|-----------|--------------|
|----------------------------|---------|------------|-----------|--------------|

| | | | |
|-----|----------------|---|----|
| 1 | 1241.1.1.04.1 | 4 | 40 |
| 2 | 1241.1.1.04.2 | 4 | 40 |
| 3 | 1241.1.1.04.3 | 4 | 40 |
| 4 | 1241.1.1.04.4 | 4 | 40 |
| 5 | 1241.1.1.04.5 | 4 | 40 |
| 6 | 1241.1.1.04.6 | 4 | 40 |
| 10 | 1241.1.1.04.7 | 4 | 40 |
| 16 | 1241.1.1.04.8 | 4 | 40 |
| 20 | 1241.1.1.04.9 | 4 | 40 |
| 25 | 1241.1.1.04.10 | 4 | 40 |
| 32 | 1241.1.1.04.11 | 4 | 40 |
| 40 | 1241.1.1.04.12 | 4 | 40 |
| 50 | 1241.1.1.04.13 | 4 | 40 |
| 63 | 1241.1.1.04.14 | 4 | 40 |
| 80 | 1241.1.1.04.15 | 4 | 40 |
| 100 | 1241.1.1.04.16 | 4 | 40 |
| 125 | 1241.1.1.04.17 | 4 | 40 |

3 Poled, B Type



| | | | |
|-----|----------------|---|----|
| 1 | 1241.1.1.05.1 | 3 | 30 |
| 2 | 1241.1.1.05.2 | 3 | 30 |
| 3 | 1241.1.1.05.3 | 3 | 30 |
| 4 | 1241.1.1.05.4 | 3 | 30 |
| 5 | 1241.1.1.05.5 | 3 | 30 |
| 6 | 1241.1.1.05.6 | 3 | 30 |
| 10 | 1241.1.1.05.7 | 3 | 30 |
| 16 | 1241.1.1.05.8 | 3 | 30 |
| 20 | 1241.1.1.05.9 | 3 | 30 |
| 25 | 1241.1.1.05.10 | 3 | 30 |
| 32 | 1241.1.1.05.11 | 3 | 30 |
| 40 | 1241.1.1.05.12 | 3 | 30 |
| 50 | 1241.1.1.05.13 | 3 | 30 |
| 63 | 1241.1.1.05.14 | 3 | 30 |
| 80 | 1241.1.1.05.15 | 3 | 30 |
| 100 | 1241.1.1.05.16 | 3 | 30 |
| 125 | 1241.1.1.05.17 | 3 | 30 |

3P+N Poled, B Type



| | | | |
|-----|----------------|---|----|
| 1 | 1241.1.1.06.1 | 3 | 30 |
| 2 | 1241.1.1.06.2 | 3 | 30 |
| 3 | 1241.1.1.06.3 | 3 | 30 |
| 4 | 1241.1.1.06.4 | 3 | 30 |
| 5 | 1241.1.1.06.5 | 3 | 30 |
| 6 | 1241.1.1.06.6 | 3 | 30 |
| 10 | 1241.1.1.06.7 | 3 | 30 |
| 16 | 1241.1.1.06.8 | 3 | 30 |
| 20 | 1241.1.1.06.9 | 3 | 30 |
| 25 | 1241.1.1.06.10 | 3 | 30 |
| 32 | 1241.1.1.06.11 | 3 | 30 |
| 40 | 1241.1.1.06.12 | 3 | 30 |
| 50 | 1241.1.1.06.13 | 3 | 30 |
| 63 | 1241.1.1.06.14 | 3 | 30 |
| 80 | 1241.1.1.06.15 | 3 | 30 |
| 100 | 1241.1.1.06.16 | 3 | 30 |
| 125 | 1241.1.1.06.17 | 3 | 30 |

4 Poled, B Type



| Product Name | Rated Current I_n (A) | Code No | Pcs in Box | Pcs Pack. |
|--------------|-------------------------|---------|------------|-----------|
|--------------|-------------------------|---------|------------|-----------|

1 Poled, C Type



| | | | | |
|-----|----------------|--|----|-----|
| 1 | 1241.1.2.01.1 | | 12 | 120 |
| 2 | 1241.1.2.01.2 | | 12 | 120 |
| 3 | 1241.1.2.01.3 | | 12 | 120 |
| 4 | 1241.1.2.01.4 | | 12 | 120 |
| 5 | 1241.1.2.01.5 | | 12 | 120 |
| 6 | 1241.1.2.01.6 | | 12 | 120 |
| 10 | 1241.1.2.01.7 | | 12 | 120 |
| 16 | 1241.1.2.01.8 | | 12 | 120 |
| 20 | 1241.1.2.01.9 | | 12 | 120 |
| 25 | 1241.1.2.01.10 | | 12 | 120 |
| 32 | 1241.1.2.01.11 | | 12 | 120 |
| 40 | 1241.1.2.01.12 | | 12 | 120 |
| 50 | 1241.1.2.01.13 | | 12 | 120 |
| 63 | 1241.1.2.01.14 | | 12 | 120 |
| 80 | 1241.1.2.01.15 | | 12 | 120 |
| 100 | 1241.1.2.01.16 | | 12 | 120 |
| 125 | 1241.1.2.01.17 | | 12 | 120 |

1P+N Poled, C Type



| | | | | |
|-----|----------------|--|---|----|
| 1 | 1241.1.2.02.1 | | 6 | 60 |
| 2 | 1241.1.2.02.2 | | 6 | 60 |
| 3 | 1241.1.2.02.3 | | 6 | 60 |
| 4 | 1241.1.2.02.4 | | 6 | 60 |
| 5 | 1241.1.2.02.5 | | 6 | 60 |
| 6 | 1241.1.2.02.6 | | 6 | 60 |
| 10 | 1241.1.2.02.7 | | 6 | 60 |
| 16 | 1241.1.2.02.8 | | 6 | 60 |
| 20 | 1241.1.2.02.9 | | 6 | 60 |
| 25 | 1241.1.2.02.10 | | 6 | 60 |
| 32 | 1241.1.2.02.11 | | 6 | 60 |
| 40 | 1241.1.2.02.12 | | 6 | 60 |
| 50 | 1241.1.2.02.13 | | 6 | 60 |
| 63 | 1241.1.2.02.14 | | 6 | 60 |
| 80 | 1241.1.2.02.15 | | 6 | 60 |
| 100 | 1241.1.2.02.16 | | 6 | 60 |
| 125 | 1241.1.2.02.17 | | 6 | 60 |

2 Poled, C Type



| | | | | |
|-----|----------------|--|---|----|
| 1 | 1241.1.2.03.1 | | 6 | 60 |
| 2 | 1241.1.2.03.2 | | 6 | 60 |
| 3 | 1241.1.2.03.3 | | 6 | 60 |
| 4 | 1241.1.2.03.4 | | 6 | 60 |
| 5 | 1241.1.2.03.5 | | 6 | 60 |
| 6 | 1241.1.2.03.6 | | 6 | 60 |
| 10 | 1241.1.2.03.7 | | 6 | 60 |
| 16 | 1241.1.2.03.8 | | 6 | 60 |
| 20 | 1241.1.2.03.9 | | 6 | 60 |
| 25 | 1241.1.2.03.10 | | 6 | 60 |
| 32 | 1241.1.2.03.11 | | 6 | 60 |
| 40 | 1241.1.2.03.12 | | 6 | 60 |
| 50 | 1241.1.2.03.13 | | 6 | 60 |
| 63 | 1241.1.2.03.14 | | 6 | 60 |
| 80 | 1241.1.2.03.15 | | 6 | 60 |
| 100 | 1241.1.2.03.16 | | 6 | 60 |
| 125 | 1241.1.2.03.17 | | 6 | 60 |

MINIATURE CIRCUIT BREAKERS (MCBs) 3 kA, C TYPE

RSM

| Rated Current I_n (A) | Code No | Pcs in Box | Pcs Pack. | Product Name |
|----------------------------|---------|------------|-----------|--------------|
|----------------------------|---------|------------|-----------|--------------|

| | | | |
|-----|----------------|---|----|
| 1 | 1241.1.2.04.1 | 4 | 40 |
| 2 | 1241.1.2.04.2 | 4 | 40 |
| 3 | 1241.1.2.04.3 | 4 | 40 |
| 4 | 1241.1.2.04.4 | 4 | 40 |
| 5 | 1241.1.2.04.5 | 4 | 40 |
| 6 | 1241.1.2.04.6 | 4 | 40 |
| 10 | 1241.1.2.04.7 | 4 | 40 |
| 16 | 1241.1.2.04.8 | 4 | 40 |
| 20 | 1241.1.2.04.9 | 4 | 40 |
| 25 | 1241.1.2.04.10 | 4 | 40 |
| 32 | 1241.1.2.04.11 | 4 | 40 |
| 40 | 1241.1.2.04.12 | 4 | 40 |
| 50 | 1241.1.2.04.13 | 4 | 40 |
| 63 | 1241.1.2.04.14 | 4 | 40 |
| 80 | 1241.1.2.04.15 | 4 | 40 |
| 100 | 1241.1.2.04.16 | 4 | 40 |
| 125 | 1241.1.2.04.17 | 4 | 40 |

3 Poled, C Type



| | | | |
|-----|----------------|---|----|
| 1 | 1241.1.2.05.1 | 3 | 30 |
| 2 | 1241.1.2.05.2 | 3 | 30 |
| 3 | 1241.1.2.05.3 | 3 | 30 |
| 4 | 1241.1.2.05.4 | 3 | 30 |
| 5 | 1241.1.2.05.5 | 3 | 30 |
| 6 | 1241.1.2.05.6 | 3 | 30 |
| 10 | 1241.1.2.05.7 | 3 | 30 |
| 16 | 1241.1.2.05.8 | 3 | 30 |
| 20 | 1241.1.2.05.9 | 3 | 30 |
| 25 | 1241.1.2.05.10 | 3 | 30 |
| 32 | 1241.1.2.05.11 | 3 | 30 |
| 40 | 1241.1.2.05.12 | 3 | 30 |
| 50 | 1241.1.2.05.13 | 3 | 30 |
| 63 | 1241.1.2.05.14 | 3 | 30 |
| 80 | 1241.1.2.05.15 | 3 | 30 |
| 100 | 1241.1.2.05.16 | 3 | 30 |
| 125 | 1241.1.2.05.17 | 3 | 30 |

3P+N Poled, C Type



| | | | |
|-----|----------------|---|----|
| 1 | 1241.1.2.06.1 | 3 | 30 |
| 2 | 1241.1.2.06.2 | 3 | 30 |
| 3 | 1241.1.2.06.3 | 3 | 30 |
| 4 | 1241.1.2.06.4 | 3 | 30 |
| 5 | 1241.1.2.06.5 | 3 | 30 |
| 6 | 1241.1.2.06.6 | 3 | 30 |
| 10 | 1241.1.2.06.7 | 3 | 30 |
| 16 | 1241.1.2.06.8 | 3 | 30 |
| 20 | 1241.1.2.06.9 | 3 | 30 |
| 25 | 1241.1.2.06.10 | 3 | 30 |
| 32 | 1241.1.2.06.11 | 3 | 30 |
| 40 | 1241.1.2.06.12 | 3 | 30 |
| 50 | 1241.1.2.06.13 | 3 | 30 |
| 63 | 1241.1.2.06.14 | 3 | 30 |
| 80 | 1241.1.2.06.15 | 3 | 30 |
| 100 | 1241.1.2.06.16 | 3 | 30 |
| 125 | 1241.1.2.06.17 | 3 | 30 |

4 Poled, C Type

