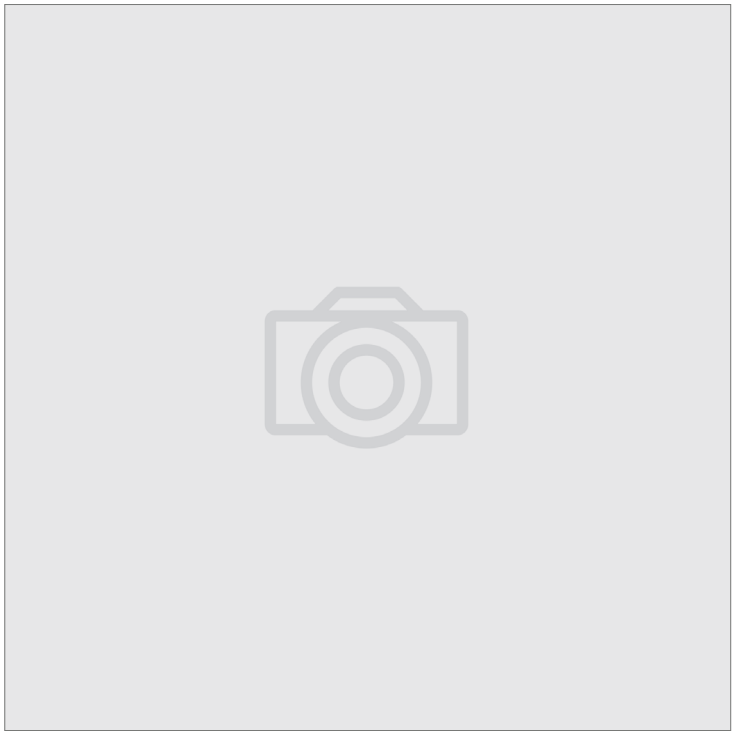
# RLB4003P

**Socomec RLB Load Break Switch kit, w/ 230V AC Shunt and direct handle, 3P 400A**

LOAD BREAK SWITCHES



| | |
|---|---|
| **Component type** | Switch disconnector |
| **Range** | RLB |
| **Model** | N/A |
| **Alternative** | NO ALTERNATIVE ITEM |

The RLB series consisting of the smaller IDE and larger Sidermat range of remote trip load break switches are fully functional, remote breaking isolators with a range extending from 40A to 1800A. Protecting personnel against insulation faults via its special remote trip function, it can also offer protection against overloads when combined with suitable current transformers and thermal relays.

| | | |
|---|---|---|
| **ELECTRICAL** | **Rated permanent current at AC-21, 400 V** | 400 A |
| | **Rated uninterrupted current Iu** | 400 A |
| | **Number of poles** | 3 |
| | **Rated operation power at AC-23, 400 V** | 220 kW |
| | **Rated operation current Ie at AC-23a, 400 V** | 400 A |
| | **Rated operation current Ie at AC-23a, 500 V** | 400 A |
| | **Rated operation current Ie at AC-23a, 690 V** | 315 A |
| | **Rated short-time withstand current Icw** | 25 kA |
| | **Rated insulation voltage Ui** | 1000 V |
| | **Rated impulse withstand voltage Uimp** | 12 kV |
| | **Rated operating voltage** | 230 V |
| **CONSTRUCTION** | **Degree of protection (IP), front side** | IP65 |
| **MECHANICAL** | **Padlock locking** | Yes |
| **DIMENSIONS** | **Height** | 238 mm |
| | **Width** | 285 mm |
| | **Depth** | 248 mm |
| | **Weight** | 7 kg |





Published on 24 July 2026

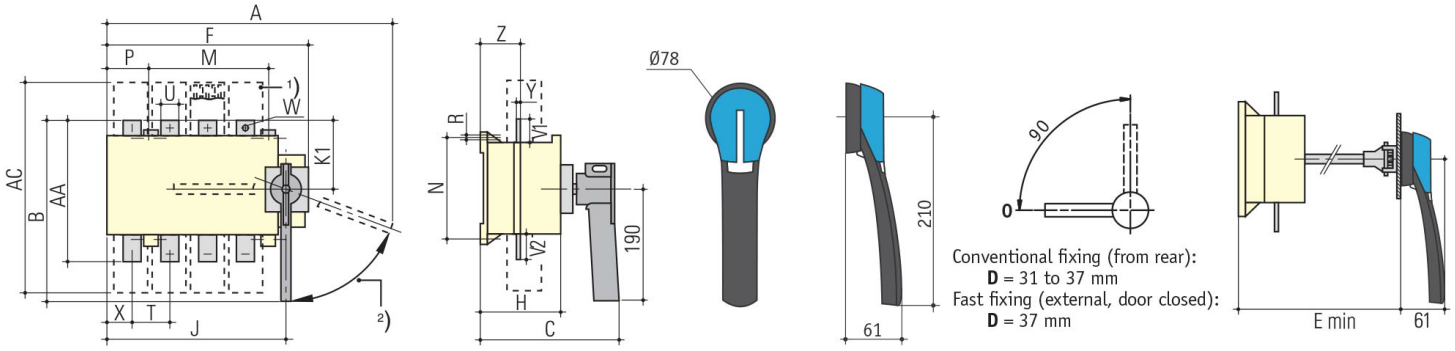
# RLB4003P

**Socomec RLB Load Break Switch kit, w/ 230V AC Shunt and direct handle, 3P 400A**

LOAD BREAK SWITCHES

## DIMENSIONAL DIAGRAM

### SIDERMAT 250 to 800 A




| Rating (A) | Overall dimensions A 3p | A 4p | B | C | Terminal E | AC | Switch body F 3p | F 4p | H | J 3p | J 4p | K1 | M | Switch mounting N | P 3p | P 4p | R | T | U | V1 | V2 | W | X 3p | X 4p | Y | Z | AA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 250 | 435 | 495 | 309 | 248 | 275 | 388 | 285 | 345 | 148 | 253 | 313 | 115 | 210 | 180 | 10 | 70 | 7 | 65 | 32 | 35 | 43 | 11 | 31 | 46 | 3 | 67 | 238 |
| 400 | 435 | 495 | 309 | 248 | 275 | 388 | 285 | 345 | 148 | 253 | 313 | 115 | 210 | 180 | 10 | 70 | 7 | 65 | 32 | 35 | 43 | 13 | 31 | 46 | 5 | 69 | 238 |
| 630 | 435 | 495 | 318.5 | 248 | 275 | 388 | 285 | 345 | 148 | 253 | 313 | 129 | 210 | 180 | 10 | 70 | 7 | 65 | 45 | 49 | 49 | 13 | 31 | 46 | 8 | 72 | 257 |
| 800 | 491 | 570 | 350 | 262 | 296 | 470 | 346 | 426 | 178 | 308 | 388 | 160 | 250 | 250 | 20 | 100 | 9 | 80 | 50 | 60 | 60 | 15 | 36 | 65 | 7 | 72 | 320 |



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