



| | With external rubber gasket | With external rubber gasket | Fixed only by threaded head in vertical position | |
|-----------------|---|--------------------------------|--|--------------------------------|
| Contact type: | <ul style="list-style-type: none"> R = snap action L = slow action LO = slow action overlapped LS = slow action shifted LV = slow action shifted and spaced LI = slow action independent LA = slow action closer E = electronic PNP | | | |
| Contact blocks | | | | |
| 5 | R FR 5A7-M2 → 1NO+1NC | R FR 508-M2 → 1NO+1NC | R FR 510-M2 → 1NO+1NC | R FR 512-M2 → 1NO+1NC |
| 6 | L FR 6A7-M2 → 1NO+1NC | L FR 608-M2 → 1NO+1NC | L FR 610-M2 → 1NO+1NC | L FR 612-M2 → 1NO+1NC |
| 7 | LO FR 7A7-M2 → 1NO+1NC | LO FR 708-M2 → 1NO+1NC | LO FR 710-M2 → 1NO+1NC | LO FR 712-M2 → 1NO+1NC |
| 9 | L FR 9A7-M2 → 2NC | L FR 908-M2 → 2NC | L FR 910-M2 → 2NC | L FR 912-M2 → 2NC |
| 10 | L FR 10A7-M2 2NO | L FR 1008-M2 2NO | L FR 1010-M2 2NO | L FR 1012-M2 2NO |
| 11 | R FR 11A7-M2 → 2NC | R FR 1108-M2 → 2NC | R FR 1110-M2 → 2NC | R FR 1112-M2 → 2NC |
| 12 | R FR 12A7-M2 2NO | R FR 1208-M2 2NO | R FR 1210-M2 2NO | R FR 1212-M2 2NO |
| 13 | LV FR 13A7-M2 → 2NC | LV FR 1308-M2 → 2NC | LV FR 1310-M2 → 2NC | LV FR 1312-M2 → 2NC |
| 14 | LS FR 14A7-M2 → 2NC | LS FR 1408-M2 → 2NC | LS FR 1410-M2 → 2NC | LS FR 1412-M2 → 2NC |
| 15 | LS FR 15A7-M2 2NO | LS FR 1508-M2 2NO | LS FR 1510-M2 2NO | LS FR 1512-M2 2NO |
| 18 | LA FR 18A7-M2 → 1NO+1NC | LA FR 1808-M2 → 1NO+1NC | LA FR 1810-M2 → 1NO+1NC | LA FR 1812-M2 → 1NO+1NC |
| 20 | L FR 20A7-M2 → 1NO+2NC | L FR 2008-M2 → 1NO+2NC | L FR 2010-M2 → 1NO+2NC | L FR 2012-M2 → 1NO+2NC |
| 21 | L FR 21A7-M2 → 3NC | L FR 2108-M2 → 3NC | L FR 2110-M2 → 3NC | L FR 2112-M2 → 3NC |
| 22 | L FR 22A7-M2 → 2NO+1NC | L FR 2208-M2 → 2NO+1NC | L FR 2210-M2 → 2NO+1NC | L FR 2212-M2 → 2NO+1NC |
| 2 | R FR 2A7-M2 2x(1NO-1NC) | R FR 208-M2 2x(1NO-1NC) | R FR 210-M2 2x(1NO-1NC) | R FR 212-M2 2x(1NO-1NC) |
| E1 | E FR E1A7-M2 1NO-1NC | E FR E108-M2 1NO-1NC | E FR E110-M2 1NO-1NC | E FR E112-M2 1NO-1NC |
| Max. speed | page 239 - type 3 | page 239 - type 4 | page 239 - type 4 | page 239 - type 4 |
| Min. force | 3 N (25 N →) | 8 N (25 N →) | 8 N (25 N →) | 8 N (25 N →) |
| Travel diagrams | page 240 - group 3 | page 240 - group 1 | page 240 - group 1 | page 240 - group 1 |

| | | | Roller, Ø 11 mm, technopolymer | Roller, Ø 12 mm, stainless steel |
|-----------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------------|
| Contact blocks | | | | |
| 5 | R FR 513-M2 → 1NO+1NC | R FR 514-M2 → 1NO+1NC | R FR 515-M2 → 1NO+1NC | R FR 515-M2R28 → 1NO+1NC |
| 6 | L FR 613-M2 → 1NO+1NC | L FR 614-M2 → 1NO+1NC | L FR 615-M2 → 1NO+1NC | L FR 615-M2R28 → 1NO+1NC |
| 7 | LO FR 713-M2 → 1NO+1NC | LO FR 714-M2 → 1NO+1NC | LO FR 715-M2 → 1NO+1NC | LO FR 715-M2R28 → 1NO+1NC |
| 9 | L FR 913-M2 → 2NC | L FR 914-M2 → 2NC | L FR 915-M2 → 2NC | L FR 915-M2R28 → 2NC |
| 10 | L FR 1013-M2 2NO | L FR 1014-M2 2NO | L FR 1015-M2 2NO | L FR 1015-M2R28 2NO |
| 11 | R FR 1113-M2 → 2NC | R FR 1114-M2 → 2NC | R FR 1115-M2 → 2NC | R FR 1115-M2R28 → 2NC |
| 12 | R FR 1213-M2 2NO | R FR 1214-M2 2NO | R FR 1215-M2 2NO | R FR 1215-M2R28 2NO |
| 13 | LV FR 1313-M2 → 2NC | LV FR 1314-M2 → 2NC | LV FR 1315-M2 → 2NC | LV FR 1315-M2R28 → 2NC |
| 14 | LS FR 1413-M2 → 2NC | LS FR 1414-M2 → 2NC | LS FR 1415-M2 → 2NC | LS FR 1415-M2R28 → 2NC |
| 15 | LS FR 1513-M2 2NO | LS FR 1514-M2 2NO | LS FR 1515-M2 2NO | LS FR 1515-M2R28 2NO |
| 18 | LA FR 1813-M2 → 1NO+1NC | LA FR 1814-M2 → 1NO+1NC | LA FR 1815-M2 → 1NO+1NC | LA FR 1815-M2R28 → 1NO+1NC |
| 20 | L FR 2013-M2 → 1NO+2NC | L FR 2014-M2 → 1NO+2NC | L FR 2015-M2 → 1NO+2NC | L FR 2015-M2R28 → 1NO+2NC |
| 21 | L FR 2113-M2 → 3NC | L FR 2114-M2 → 3NC | L FR 2115-M2 → 3NC | L FR 2115-M2R28 → 3NC |
| 22 | L FR 2213-M2 → 2NO+1NC | L FR 2214-M2 → 2NO+1NC | L FR 2215-M2 → 2NO+1NC | L FR 2215-M2R28 → 2NO+1NC |
| 2 | R FR 213-M2 2x(1NO-1NC) | R FR 214-M2 2x(1NO-1NC) | R FR 215-M2 2x(1NO-1NC) | R FR 215-M2R28 2x(1NO-1NC) |
| E1 | E FR E113-M2 1NO-1NC | E FR E114-M2 1NO-1NC | E FR E115-M2 1NO-1NC | E FR E115-M2R28 1NO-1NC |
| Max. speed | page 239 - type 2 | page 239 - type 4 | page 239 - type 2 | page 239 - type 2 |
| Min. force | 8 N (25 N →) | 8 N (25 N →) | 8 N (25 N →) | 8 N (25 N →) |
| Travel diagrams | page 240 - group 1 | page 240 - group 1 | page 240 - group 1 | page 240 - group 1 |

All measures in the drawings are in mm

Items with code on **green** background are stock items

Accessories See page 225