



|  | Main Characteristics |   |         | Product Range                      |                 |                      |             | Application Areas |                  |                       |                   |               |                             |                   |           |  |  |
|--|----------------------|---|---------|------------------------------------|-----------------|----------------------|-------------|-------------------|------------------|-----------------------|-------------------|---------------|-----------------------------|-------------------|-----------|--|--|
|  | PICTURE              | TECHNOLOGIES  | DRAWING | MODEL                              | Rated Power (W) | Resistance Range (Ω) | IP          | Nr. Models        | RAILWAY TRACTION | INDUSTRIAL AUTOMATION | ENERGY CONVERSION |               |                             |                   |           |  |  |
|  |                      |   |         |                                    |                 |                      |             |                   | Dynamic braking  | Harmonic filters      | Neutral grounding | Motor control | Charge discharge capacitors | Heating resistors | Load bank |  |  |
| COATED BY VITREOUS ENAMEL OR CEMENT ON CERAMIC SUPPORT |                      | Wire wound coated by vitreous enamel or cement on ceramic support     |         | RCE                                | 31 + 91         | 2.2 + 75k            | -           | 4                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RSE                                | 31 + 91         | 4.3 + 75k            | -           | 4                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RCA                                | 25 + 1000       | 0.91 + 91k           | -           | 18                |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RSA                                | 25 + 300        | 3 + 91k              | -           | 13                |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RC                                 | 15 + 300        | 1.6 + 91k            | -           | 10                |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RS                                 | 15 + 300        | 1.6 + 91k            | -           | 10                |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      | Tape wound  |         |                                    | RCPO            | 152 + 1500           | 0.068 + 120 | -                 | 11               |                       |                   |               |                             |                   |           |  |  |
|  |                      | High power  |         |                                    | RSP0            | 152 + 1500           | 0.068 + 120 | -                 | 11               |                       |                   |               |                             |                   |           |  |  |
|  |                      | RCE   |         |                                    | RCE             | 300 + 1800           | 0.51 + 7k5  | -                 | 7                |                       |                   |               |                             |                   |           |  |  |
| METALLIC CASE  |                      | Hermetically sealed stainless steel tube                              |         | RCH                                | 90 + 220        | 0.82 + 39k           | 65          | 4                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | Hermetically sealed aluminium case |                 | RFK 250-350-500      | 90 + 280    | 0.43 + 33k        | 55               | 3                     |                   |               |                             |                   |           |  |  |
|  |                      | Hermetically sealed aluminium case                                    |         | RFK 600-800                        | 360 + 450       | 2.4 + 51k            | 65          | 2                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RFK UL 250-350-500                 | 75 + 150        | 1.5 + 3k6            | 55          | 3                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RFD                                | 50 + 550        | 0.25 + 39k           | 54          | 8                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      | Hermetically sealed aluminium case with heat sink                     |         | RFD UL                             | 25 + 200        | 1.5 + 6k             | 54          | 6                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RFZ                                | 80 + 220        | 0.56 + 18k           | 54          | 5                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RFZ-C                              | 75 + 240        | 1.1 + 220            | 54          | 6                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RAF                                | 325 + 415       | 8.2 + 360            | 54          | 3                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RDF                                | 425 + 550       | 3.6 + 510            | 54          | 3                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      | Hermetically sealed aluminium case with heat sink High power          |         | RFH 1Pg                            | 500 + 700       | 3.3 + 51k            | 55          | 2                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RFH 2Pg                            | 500 + 700       | 3.3 + 51k            | 65          | 2                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      | Hermetic aluminium case wire wound power resistor, intrinsically safe |         | RFP                                | 200 + 470       | 1 + 820              | 65          | 8                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      | Iron case   |         | RFX 100-150-200                    | 40 + 65         | 0.68 + 13k           | 20          | 3                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RFX 600-1300                       | 75 + 140        | 1.1 + 30k            | 20          | 2                 |                  |                       |                   |               |                             |                   |           |  |  |
| RFX UL 600-1300  |                      |   |         | 70 + 150                           | 1.5 + 3k6       | 20                   | 2           |                   |                  |                       |                   |               |                             |                   |           |  |  |
| METAL BOX  |                      | Metal box housed  |         | RM                                 | 900 + 1.8 k     | 0.43 + 180           | 20          | 3                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RME                                | 600 + 6 k       | 1.5 + 270            | 20          | 7                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RM-X                               | 4 k + 12 k      | 2.2 + 360            | 20          | 3                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RX                                 | 3 k + 120 k     | 0.13 + 560           | 23          | 9                 |                  |                       |                   |               |                             |                   |           |  |  |
| IN AIR RESISTOR  |                      | Wire wound uncoated   |         | RMS                                | 500 k + 3.5 k   | 1 + 110              | -           | 6                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RDP                                | 9 k + 6.5 k     | 1.8 + 300            | -           | 7                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      | Edge wound  |         | RNP                                | 800 + 4.4 k     | 0.1 + 4.3            | -           | 3                 |                  |                       |                   |               |                             |                   |           |  |  |
|  |                      |   |         | RNT                                | 300 + 3.9 k     | 0.063 + 1.8          | -           | 3                 |                  |                       |                   |               |                             |                   |           |  |  |