

## Surge suppressors for contactor coils

| For mounting on contactor type      | Control voltage | Packing | Weight | Catalog number | List price |
|-------------------------------------|-----------------|---------|--------|----------------|------------|
| TAE/AE45 – TAE/AE75<br>TAL9 – TAL30 | 12 to 32 VDC    | 2       | 0.015  | RT5/32         | \$ 30      |
|                                     | 25 to 65 VDC    | 2       | 0.015  | RT5/65         |            |
|                                     | 50 to 90 VDC    | 2       | 0.015  | RT5/90         |            |
|                                     | 77 to 150       | 2       | 0.015  | RT5/150        |            |
|                                     | 150 to 264      | 2       | 0.015  | RT5/264        |            |

### Technical data

| Type                  | Control circuit | Opening time growth factor | Residual overvoltage or clipping voltage | Remarks   |
|-----------------------|-----------------|----------------------------|--|---|
| RT5 /...transil diode |                 |                            | Advantages                               | <ul style="list-style-type: none"> <li>• Good energy absorption</li> <li>• Unpolarized system</li> <li>• Simple, reliable system</li> </ul> Disadvantages <ul style="list-style-type: none"> <li>• A certain delay on drop out which does not reduce contactor breaking capacity</li> </ul> |
| 32                    | DC              | 2.5 to 3                   | 50V                                      |   |
| 65                    | DC              | 2.5 to 3                   | 100V                                     |   |
| 90                    | DC              | 2.5 to 3                   | 150V                                     |   |
| 150                   | DC              | 2.5 to 3                   | 210V                                     |   |
| 264                   | DC              | 2.5 to 3                   | 390V                                     |   |

NOTE: For all other accessories, see the Accessories section for across the line contactors, pages 1.16 – 1.32.  
 TAL contactors use the same accessories as AL contactors.  
 TAE contactors use the same accessories as AE contactors.