

# Kontaktorer AC3 - 9A till 95A

Manöver-spolspanningar  
230V AC, 24V AC, 110V AC



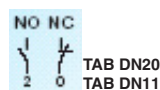
| Typ / Art. nr.   | TC1-D09-  | TC1-D12-  | TC1-D18-  | TC1-D25-      | TC1-D32-    | TC1-D40-   | TC1-D50-   | TC1-D65-   | TC1-D80-   | TC1-D95-   |
|--|-----------|-----------|-----------|---------------|-------------|------------|------------|------------|------------|------------|
|  | 10<br>01  | 10<br>01  | 10<br>01  | 10<br>01      | 10<br>01    | 11         | 11         | 11         | 11         | 11         |
| Max tillåten driftspänning   | 690V      | 690V      | 690V      | 690V          | 690V        | 690V       | 690V       | 690V       | 690V       | 690V       |
| Max tillåten ström för motor<br>(3 fas 440V, 50-60Hz, AC3)                   | 9A        | 12A       | 18A       | 25A           | 32A         | 40A        | 50A        | 65A        | 80A        | 95A        |
| Max tillåten standard effekt<br>för motor drift AC 3, 0 ≤ 55 °C,<br>380-415V | 4KW       | 5,5KW     | 7,5KW     | 11KW          | 15KW        | 22KW       | 25KW       | 37KW       | 45KW       | 45KW       |
| Max termisk ström I th<br>(0 ≤ 40 °C)  | 25A       | 25A       | 32A       | 40A           | 50A         | 60A        | 80A        | 80A        | 125A       | 125A       |
| Max antal tillslag/timme AC  | 3600      | 3600      | 3600      | 3600          | 3600        | 3600       | 3600       | 3600       | 3600       | 3600       |
| Genomsnittsvärde spole 50Hz<br>effekt förbrukning inrusnings/<br>nominell    | 60/7 VA   | 60/7 VA   | 60/7 VA   | 90/75 VA      | 90/75 VA    | 200/20 VA  | 200/20 VA  | 200/20 VA  | 200/20 VA  | 200/20 VA  |
| Värmsvängningar vid 50-60Hz  | 2 till 3W | 2 till 3W | 2 till 3W | 2,5 till 3,5W | 2,5 till 3W | 6 till 10W | 6 till 10W | 6 till 10W | 6 till 10W | 6 till 10W |
| Mekanisk livslängd TC1 50-60Hz<br>( i miljoner tillslag )                    | 20        | 20        | 20        | 16            | 16          | 16         | 16         | 16         | 10         | 10         |
| Anslutnings kapacitet area mm <sup>2</sup>                                   | 4         | 4         | 6         | 10            | 10          | 25         | 25         | 25         | 50         | 50         |
| Dimensioner i mm   |           |           |           |               |             |            |            |            |            |            |
| Djup i mm  | 80mm      | 80mm      | 85mm      | 93mm          | 98mm        | 114mm      | 114mm      | 114mm      | 125mm      | 125mm      |

## Monterbara kontaktblock

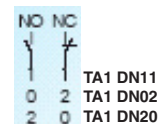
- Hjälpblock
- Tidblock



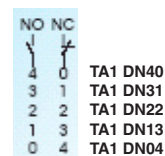
Kontaktblock-  
Sidomonterat



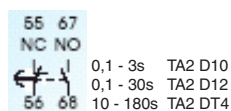
Kontaktblock-  
Frontmonterat



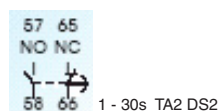
Kontaktblock-Frontmonterat



Tidblock-Tillslagsfördröjt

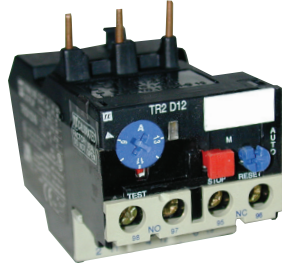


Tidblock-Frånslagsfördröjt



**PROSWEDE**-elab

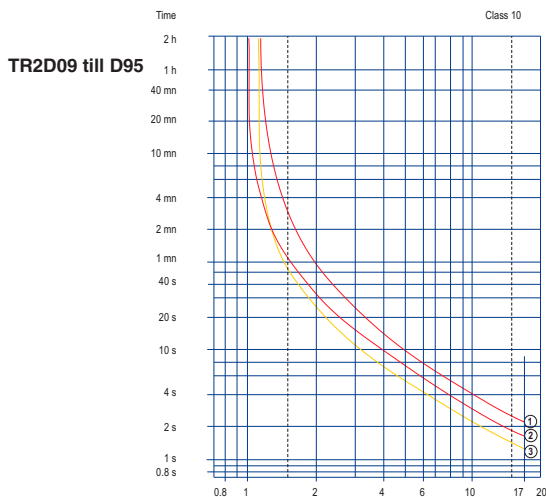
# Överströmsskydd till TC kontaktorer



## Relay Selection Table (Type T + F) - These relays can be automatic or manual reset

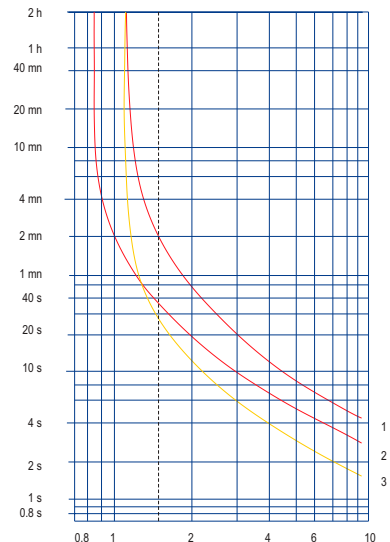
- Built-in single phase protection.
- Potential free 1NO and NC contacts.
- Yellow flag indicator for indication of relay tripping.
- Manual reset facility.

| RELAY REFERENCE | RELAY SETTING RANGE (A) | STANDARD POWER RATINGS OF 3-PHASE MOTORS 50/60Hz, AC3 CATEGORY |         |         |         |         | BACK UP FUSE RATING g1 (A) | BASE PLATE* REFERENCE |
|-----------------|-------------------------|--|---------|---------|---------|---------|----------------------------|-----------------------|
|                 |                         | 220V KW  | 380V KW | 415V KW | 440V KW | 660V KW |                            |                       |
| TR2-D09301      | 0.1 to 0.16             | -  | -       | -       | -       | -       | 2                          |                       |
| TR2-D09302      | 0.16 to 0.25            | -  | -       | -       | -       | -       | 2                          |                       |
| TR2-D09303      | 0.25 to 0.4             | -  | -       | -       | -       | -       | 2                          |                       |
| TR2-D09304      | 0.4 to 0.63             | -  | -       | -       | -       | 0.37    | 2                          |                       |
| TR2-D09305      | 0.63 to 1               | -  | -       | -       | -       | 0.55    | 4                          |                       |
| TR2-D09306      | 1 to 1.6                | -  | 0.37    | -       | 0.55    | 1.1     | 4                          |                       |
| TR2-D093X6      | 1.25 to 2               | -  | 0.55    | 0.75    | 0.75    | 1.3     | 6                          |                       |
| TR2-D09307      | 1.6 to 2.5              | 0.37   | 0.75    | 1.1     | 1.1     | 1.5     | 6                          |                       |
| TR2-D09308      | 2.5 to 4                | 0.75   | 1.5     | 1.5     | 1.5     | 3       | 10                         |                       |
| TR2-D09310      | 4 to 6                  | 1.1  | 2.2     | 2.2     | 2.2     | 4       | 16                         |                       |
| TR2-D09312      | 5.5 to 8                | 1.5  | 3       | 3.7     | 3.7     | 5.5     | 20                         |                       |
| TR2-D09314      | 7 to 10                 | 2.2  | 4       | 4       | 4       | 7.5     | 20                         |                       |
| TR2-D12316      | 9 to 13                 | 3  | 5.5     | 5.5     | 5.5     | 10      | 25                         |                       |
| TR2-D18321      | 12 to 18                | 4  | 7.5     | 9       | 9       | 15      | 35                         |                       |
| TR2-D25322      | 17 to 25                | 5.5  | 11      | 11      | 11      | 18.5    | 50                         | TA7D0964              |
| TR2-D32353      | 23 to 32                | 7.5  | 15      | 15      | 15      | *       | 63                         |                       |
| TR2-D32355      | 28 to 36                | 9  | 15      | 18.5    | 18.5    | *       | 80                         | TA7D3264              |
| TR2-D40353      | 23 to 32                | 7.5  | 15      | 15      | 15      | 22      | 63                         | -                     |
| TR2-D40355      | 30 to 40                | 10   | 18.5    | 22      | 22      | 30      | 100                        | -                     |
| TR2-D65357      | 37 to 50                | 11   | 22      | 25      | 25      | 37      | 100                        | -                     |
| TR2-D65359      | 48 to 65                | 18.5   | 25      | 30      | 30      | 50      | 100                        | -                     |
| TR2-D65361      | 55 to 70                | 20   | 30      | 37      | 37      | 55      | 125                        | -                     |
| TR2-D80363      | 63 to 80                | 22   | 33      | 40      | 40      | 59      | 125                        | -                     |
| TR2-D95365      | 80 to 93                | 25   | 45      | 49      | 50      | 80      | 160                        | -                     |
| LR1-F(M)105     | 65 to 105               | 25   | 51      | 55      | 59      | 90      | 160                        | -                     |
| LR1-F(M)125     | 80 to 125               | 30   | 59      | 59      | 63      | 110     | 200                        | -                     |
| LR1-F160        | 100 to 160              | 45   | 80      | 80      | 90      | 140     | 250                        | -                     |
| LR1-F200        | 125 to 200              | 55   | 90      | 100     | 110     | 160     | 315                        | -                     |
| LR1-F250        | 160 to 250              | 63   | 110     | 129     | 140     | 200     | 400                        | -                     |
| LR1-F315        | 200 to 315              | 80   | 150     | 160     | 160     | 257     | 500                        | -                     |
| LR1-F400        | 250 to 400              | 110  | 185     | 200     | 220     | 335     | 630                        | -                     |
| LR1-F500        | 315 to 500              | 140  | 250     | 257     | 280     | 445     | 800                        | -                     |
| LR1-F630        | 400 to 630              | 180  | 315     | 355     | 375     | 500     | 800                        | -                     |
| LR1-F800        | 500 to 800              | 220  | 400     | 425     | 450     | —       | 1000                       | -                     |
| LR1-F1000       | 630 to 1000             | 295  | 500     | 500     | 500     | —       | 1250                       | -                     |



### Utlösnings kurvor

LR1F(M)105 till F1000



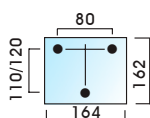
**PROWEDE**-elab

# Kontakorer AC3 - 115A till 780A

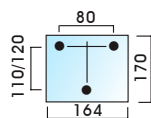


| Typ / Art. nr.   | LC1-F 115A  | LC1-F 150A  | LC1-F 185A  | LC1-F 225A  | LC1-F 265A  | LC1-F 330A | LC1-F 400A | LC1-F 500A | LC1-F 630A | LC1-F 780A |
|--|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|
| Max tillåten driftspänning   | 1000V       | 1000V       | 1000V       | 1000V       | 690V        | 690V       | 690V       | 690V       | 690V       | 690V       |
| Max tillåten ström för motor (3 fas 440V, 50-60Hz, AC3)                | 115A        | 150A        | 185A        | 225A        | 265A        | 330A       | 400A       | 500A       | 630A       | 780A       |
| Max tillåten standard effekt för motor drift AC 3, 0 ≤ 55 °C, 380-415V | 59KW        | 80KW        | 100KW       | 110KW       | 140KW       | 180KW      | 220KW      | 280KW      | KW         | 45KW       |
| Max termisk ström I th (0 ≤ 40 °C)                                     | 200A        | 250A        | 275A        | 315A        | 350A        | 400A       | 500A       | 700A       | 1000A      | 1600A      |
| Max antal tillslag/timme AC  | 2400        | 2400        | 2400        | 2400        | 2400        | 2400       | 2400       | 2400       | 1200       | 600        |
| Genomsnittsvärde spole 50Hz effekt förbrukning inrusnings/nominell     | 550/45 VA   | 550/45 VA   | 805/55VA    | 805/55VA    | 1200/95VA   | 700/10VA   | 1075/15VA  | 100/18VA   | 1650/22VA  | 2100/50VA  |
| Värmsvängningar vid 50-60Hz  | 12 till 16W | 12 till 16W | 18 till 24W | 18 till 24W | 30 till 40W | 12W        | 14W        | 18W        | 20W        | 2x22W      |
| Mekanisk livslängd TC1 50-60Hz ( i miljoner tillslag )                 | 10          | 10          | 10          | 10          | 10          | 10         | 10         | 10         | 5          | 5          |
| Anslutnings kapacitet area mm <sup>2</sup>                             | 95          | 120         | 150         | 185         | 240         | 240        | 2x150      | 2x240      | 2x60x5     | 2x60x5     |
| Dimensioner se nedan   |             |             |             |             |             |            |            |            |            |            |
| Djup i mm  | 165mm       | 165mm       | 176mm       | 176mm       | 176mm       | 207mm      | 213mm      | 226mm      | 250mm      | 250mm      |

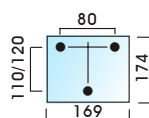
LC1-F 115A



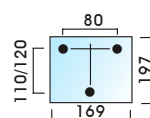
LC1-F 150A



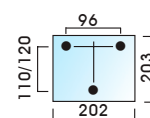
LC1-F 185A



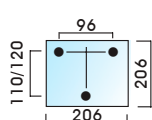
LC1-F 225A



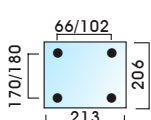
LC1-F 265A



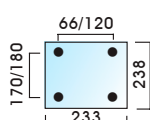
LC1-F 330A



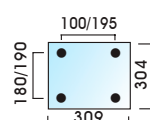
LC1-F 400A



LC1-F 500A



LC1-F 630A



LC1-F 780A

