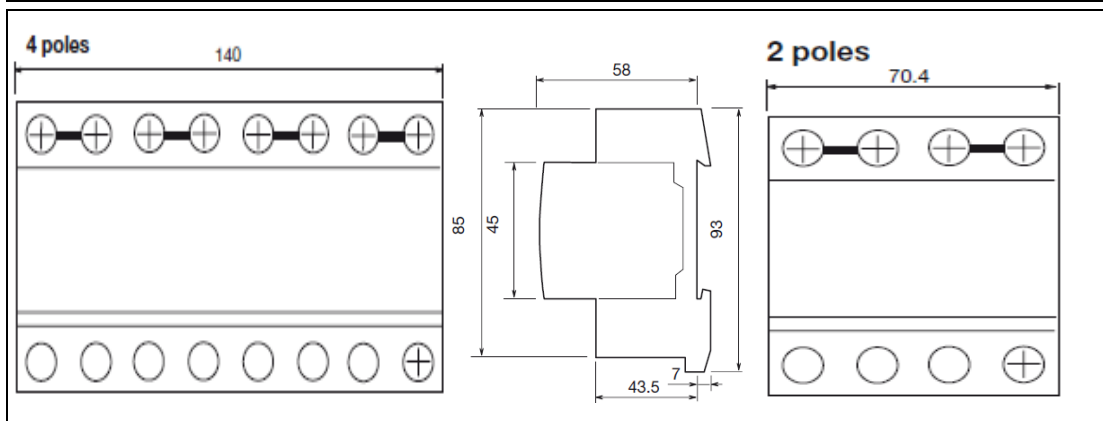


## FDV dokumentasjon

| OVR 1+2<br>2 og 4Pol | Typebetegnelse                                                  | Varenummer                                                                    | EAN           | El.nummer |
|----------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------|---------------|-----------|
|                      | OVR T1+2 1N 7-275s P                                            | 2CTB815302R1000                                                               | 3660308515728 | 16 238 64 |
|                      | OVR T1+2 3N 7-275s P                                            | 2CTB815502R1000                                                               | 3660308515735 | 16 238 65 |
|                      | OVR T1+2 4L 7-275s P                                            | 2CTB815101R4100                                                               | 3660308513427 | 16 238 67 |
|                      | OVR HL 4L 15-440s P TS                                          | 2CTB815503R0400                                                               | 3660308509840 | NA        |
|                      | OVR T1+2 3N 15-255-7                                            | 2CTB815101R9000                                                               | 3660308514141 | 16 238 54 |
| FDV                  | Produsert og testet iht. Standard:<br>IEC 61643-1 / EN 61643-11 | Periodisk vedlikehold: Sjekk patroner for status<br>Grønn: OK, Rød: Må byttes |               |           |

# Tekniske Data

| Types                                                              |                                | OVR T1+2 1N<br>7-275s P   | OVR T1+2 3N<br>7-275s P | OVR T1+2 4L<br>7-275s P | –                          | OVR T1+2 3N 1S-<br>2SS-7 |
|--------------------------------------------------------------------|--------------------------------|---------------------------|-------------------------|-------------------------|----------------------------|--------------------------|
|                                                                    | with auxiliary contact (TS)    | –                         | –                       | –                       | OVR HL 4L 1S-<br>440s P TS | –                        |
| Technology                                                         |                                | Varistor                  | Varistor                | Varistor                | Varistor                   | Spark-gap                |
| Electrical features                                                |                                |                           |                         |                         |                            |                          |
| Standard                                                           |                                | IEC 61643-1 / EN 61643-11 |                         |                         |                            |                          |
| Type / test class                                                  |                                | T1+T2 / I+II              | T1+T2 / I+II            | T1+T2 / I+II            | T1+T2 / I+II               | T1+T2 / I+II             |
| Protected lines                                                    |                                | 1+1                       | 3+1                     | 4                       | 4                          | 3+1                      |
| Types of networks                                                  |                                | TNS / TT                  | TNS / TT                | TNS                     | TNS                        | TNS / TT                 |
| Type of current                                                    |                                | AC                        | AC                      | AC                      | AC                         | AC                       |
| Nominal voltage Un                                                 | [V]                            | 230 / 400                 | 230 / 400               | 230 / 400               | 230 / 400                  | 230 / 400                |
| Maximum continuous operating voltage Uc                            | [V]                            | 275                       | 275                     | 275                     | 440                        | 255                      |
| Maximum impulse current Iimp (10/350)                              | [kA]                           | 7                         | 7                       | 7                       | 15                         | 15                       |
| Maximum impulse current Tot. Iimp (10/350)                         | [kA]                           | 15                        | 30                      | 30                      | 60                         | 50                       |
| Maximum discharge current Imax (8/20)                              | [kA]                           | 70                        | 70                      | 70                      | 100                        | 60                       |
| Nominal discharge current In (8/20)                                | [kA]                           | 7                         | 7                       | 7                       | 5                          | 15                       |
| Follow current interrupting rating Iifl                            | [kA]                           | –                         | –                       | –                       | –                          | 7                        |
| Voltage protection level Up at In (L-N/N-PE/L-PE)                  | [kV]                           | 0.9 / 1.4 / 1.4           | 0.9 / 1.4 / 1.4         | - / - / 1.4             | - / - / 1.4                | 1.7 / 1.5 / 1.7          |
| Voltage protection level Up at 3 kA (L-N/N-PE/L-PE)                | [kV]                           | 0.8 / 0.8 / 0.8           | 0.8 / 0.8 / 0.8         | - / - / 0.8             | - / - / 1.2                | 0.9 / 0.9 / 0.9          |
| TOV (Temporary overvoltage) withstand Ut (L-N: 5 s / N-PE: 200 ms) | [V]                            | 334 / 1200                | 334 / 1200              | 334 / -                 | 440 / -                    | 650 / 1200               |
| Response time                                                      | [ms]                           | ≤ 25                      | ≤ 25                    | ≤ 25                    | ≤ 25                       | ≤ 100                    |
| Residual current IPE                                               | [μA]                           | 10                        | 10                      | 200                     | 200                        | 1000                     |
| Short-circuit withstand capability Iscor                           | [kA]                           | 50                        | 50                      | 50                      | 50                         | 50                       |
| Backup protection                                                  | Fuse (gG - gL)                 | ≤ 50                      | ≤ 50                    | ≤ 50                    | ≤ 50                       | ≤ 125                    |
|                                                                    | Circuit breaker (B or C curve) | ≤ 50                      | ≤ 50                    | ≤ 50                    | ≤ 50                       | ≤ 125                    |
| Pluggable cartridge                                                |                                | Yes                       | Yes                     | Yes                     | Yes                        | No                       |
| Integrated thermal disconnect                                      |                                | Yes                       | Yes                     | Yes                     | Yes                        | –                        |
| State indicator                                                    |                                | Yes                       | Yes                     | Yes                     | Yes                        | Yes                      |
| Safety reserve                                                     |                                | Yes                       | Yes                     | Yes                     | Yes                        | No                       |
| Auxiliary contact                                                  |                                | No                        | No                      | No                      | Yes                        | No                       |
| Installation                                                       |                                |                           |                         |                         |                            |                          |
| Wire range (L, N, PE)                                              | Solid wire                     | [mm²] 2.5...25            | 2.5...25                | 2.5...25                | 2.5...50                   | 2.5...50                 |
|                                                                    | Stranded wire                  | [mm²] 2.5...16            | 2.5...16                | 2.5...16                | 2.5...35                   | 2.5...35                 |
| Stripping length (L, N, PE)                                        | [mm]                           | 12.5                      | 12.5                    | 12.5                    | 15                         | 15                       |
| Tightening torque (L, N, PE)                                       | [Nm]                           | 2                         | 2                       | 2                       | 3.5                        | 3.5                      |
| Auxiliary contact (TS)                                             |                                |                           |                         |                         |                            |                          |
| Contact complement                                                 |                                | –                         | –                       | –                       | 1 NO - 1 NC                | –                        |
| Minimum load                                                       |                                | –                         | –                       | –                       | 12 V DC - 10 mA            | –                        |
| Maximum load                                                       |                                | –                         | –                       | –                       | 250 V AC - 1 A             | –                        |
| Connection cross-section                                           | [mm²]                          | –                         | –                       | –                       | 1.5                        | –                        |
| Miscellaneous characteristics                                      |                                |                           |                         |                         |                            |                          |
| Storing and operating temperature                                  | [°C]                           | -40 to +80                | -40 to +80              | -40 to +80              | -40 to +80                 | -40 to +80               |
| Degree of protection                                               |                                | IP20                      | IP20                    | IP20                    | IP20                       | IP20                     |
| Fire resistance according to UL 94                                 |                                | V0                        | V0                      | V0                      | V0                         | V0                       |
| Dimensions                                                         | height x width x depth         | [mm] 85 x 35 x 64.8       | 85 x 71.2 x 64.8        | 85 x 71.2 x 64.8        | –                          | 85 x 89 x 70.8           |
|                                                                    | [inches]                       | 3.35 x 1.38 x 2.55        | 3.35 x 2.80 x 2.55      | 3.35 x 2.80 x 2.55      | –                          | 3.35 x 3.50 x 2.79       |
| with auxiliary contact (TS)                                        | height x width x depth         | [mm] –                    | –                       | –                       | 90 x 142.4 x 65            | –                        |
|                                                                    | [inches]                       | –                         | –                       | –                       | 3.54 x 5.60 x 2.56         | –                        |



| Produsent  | Navn   | Adresse                            | Tlf.  | E-post                                                                               |
|------------|--------|------------------------------------|-------|--------------------------------------------------------------------------------------|
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