

Low voltage power cable Radox GKW-LW-S EMC



TECHNICAL DATA

: TYPE GKW-LW-S EMC

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|--|------------------------------------|
| Conductor material | : Cu, tinned |
| Conductor category | : Class 5 = flexible |
| Shape of conductor | : Round |
| Core insulation | : Polyolefin |
| Core identification | : Numbers |
| Protective conductor | : No |
| Inner sheath | : No |
| Screen | : Yes |
| Drain wire | : No |
| Number of pilot/reduced cores | : 0 |
| Nominal cross section pilot/reduced core | : 0mm ² |
| Lead sheath | : No |
| Concentric conductor | : None |
| Armouring | : No |
| Material outer sheath | : Polyolefin |
| Colour outer sheath | : Black |
| Halogen free (acc. EN 60754-1/2) | : Yes |
| Flame retardant | : In accordance with EN 60332-3-24 |
| Low smoke (acc. EN 61034-2) | : Yes |
| Insulation integrity | : No |
| Circuit integrity | : No |
| Nominal voltage U ₀ | : 0.6kV |
| Nominal voltage U | : 1kV |

| ProductNr | Dimension | Outer diameter approx. (mm) | Max. conductor temperature (°C) | Permitted cable outer temperature, in movement (°C) | Permitted cable outer temperature, fixed (°C) |
|-----------|-----------|-----------------------------|---------------------------------|---|---|
| 2115302 | 2 x 0,5 | 4.3 | 132 | -25°C to 90 | -40°C to 120 |
| 2115526 | 2 x 0,5 | 6.4 | 132 | -25°C to 90 | -40°C to 120 |
| 2115303 | 3 x 0,5 | 4.5 | 132 | -25°C to 90 | -40°C to 120 |
| 2115304 | 4 x 0,5 | 4.8 | 132 | -25°C to 90 | -40°C to 120 |
| 2115305 | 5 x 0,5 | 5.4 | 132 | -25°C to 90 | -40°C to 120 |
| 2115306 | 6 x 0,5 | 5.7 | 132 | -25°C to 90 | -40°C to 120 |
| 2115528 | 8 x 0,5 | 7.4 | 132 | -25°C to 90 | -40°C to 120 |
| 2114409 | 9 x 0,5 | 7.2 | 120 | -25°C to 200 | -40°C to 280 |
| 2115402 | 2 x 0,75 | 4.8 | 132 | -25°C to 90 | -40°C to 120 |
| 2115403 | 3 x 0,75 | 5 | 132 | -25°C to 90 | -40°C to 120 |
| 2115405 | 4 x 0,75 | 5.5 | 132 | -25°C to 90 | -40°C to 120 |
| 2115531 | 6 x 0,75 | 7.6 | 132 | -25°C to 90 | -40°C to 120 |
| 2115409 | 12 x 0,75 | 8.4 | 132 | -25°C to 90 | -40°C to 120 |
| 2115502 | 2 x 1 | 5 | 132 | -25°C to 90 | -40°C to 120 |
| 2115503 | 3 x 1 | 5.4 | 132 | -25°C to 90 | -40°C to 120 |
| 2115504 | 4 x 1 | 5.8 | 132 | -25°C to 90 | -40°C to 120 |
| 2115511 | 7 x 1 | 7.9 | 132 | -25°C to 90 | -40°C to 120 |
| 2115602 | 2 x 1,5 | 5.8 | 132 | -25°C to 90 | -40°C to 120 |
| 2115604 | 3 x 1,5 | 6.1 | 132 | -25°C to 90 | -40°C to 120 |
| 2115711 | 4 x 1,5 | 6.7 | 132 | -25°C to 90 | -40°C to 120 |
| 2115513 | 5 x 1,5 | 7.8 | 132 | -25°C to 90 | -40°C to 120 |
| 2115507 | 7 x 1,5 | 9.1 | 132 | -25°C to 90 | -40°C to 120 |
| 2115712 | 12 x 1,5 | 10.9 | 132 | -25°C to 90 | -40°C to 120 |
| 2115702 | 2 x 2,5 | 7 | 132 | -25°C to 90 | -40°C to 120 |
| 2115508 | 3 x 2,5 | 7.6 | 132 | -25°C to 90 | -40°C to 120 |