

Control cable Ecoflex HCHmb



Application : Flexible control cable for industrial and security installations, cable is completely halogenfree. Low smoke and flame retardant acc. to IEC 60332-1-2 and IEC 60332-3-24. The material can be recycled and is eco-friendly.

TECHNICAL DATA : TYPE HCHmb

Remarks : Ozone resistant acc. to EN50396.

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|---|------------------------------------|
| Conductor category | : Class 5 = flexible |
| Stranding element | : No |
| Conductor material | : Cu, bare |
| Core insulation | : Polyolefin |
| Core identification | : Numbers |
| Inner sheath | : No |
| Screen over stranding element | : None |
| Screen over stranding | : Braiding |
| Material outer sheath | : Polyolefin |
| Colour outer sheath | : Grey |
| Halogen free (acc. EN 60754-1/2) | : Yes |
| Flame retardant | : In accordance with EN 60332-3-24 |
| Low smoke (acc. EN 61034-2) | : Yes |
| Low temperature resistant (acc. EN 60811-504+505+506) | : No |
| Oil resistant (acc. EN 60811-404) | : No |
| Permitted cable outer temperature, in movement | : -15°C to 70°C |
| Permitted cable outer temperature, fixed | : -40°C to 70°C |
| Nominal voltage U | : 500V |
| Core protecton | : No |
| Euro fire class acc. to EN 13501-6 | : Eca |

| ProductNr | Dimension | Protective conductor | Outer diameter approx. (mm) |
|-----------|-----------|----------------------|-----------------------------|
| 0141302 | 2 x 0,5 | No | 5.5 |
| 0141303 | 3 x 0,5 | Yes | 5.9 |
| 0141402 | 2 x 0,75 | No | 5.8 |
| 0178402 | 2 x 0,75 | No | 5.8 |
| 0141403 | 3 x 0,75 | Yes | 6.3 |
| 0141404 | 4 x 0,75 | Yes | 6.8 |
| 0178404 | 4 x 0,75 | Yes | 6.8 |
| 0141405 | 5 x 0,75 | Yes | 7.4 |
| 0141406 | 6 x 0,75 | Yes | 8.2 |
| 0141407 | 7 x 0,75 | Yes | 8.2 |
| 0141408 | 8 x 0,75 | Yes | 9.6 |
| 0141412 | 12 x 0,75 | Yes | 10.5 |
| 0141418 | 18 x 0,75 | Yes | 12.6 |
| 0141425 | 25 x 0,75 | Yes | 14.7 |
| 0141502 | 2 x 1 | No | 6.1 |
| 0141503 | 3 x 1 | Yes | 6.7 |
| 0141504 | 4 x 1 | Yes | 7.2 |
| 0178504 | 4 x 1 | Yes | 7.2 |
| 0141505 | 5 x 1 | Yes | 7.8 |
| 0141507 | 7 x 1 | Yes | 8.6 |
| 0178507 | 7 x 1 | Yes | 8.6 |
| 0141508 | 8 x 1 | Yes | 10.2 |
| 0141512 | 12 x 1 | Yes | 11.3 |
| 0141518 | 18 x 1 | Yes | 13.5 |
| 0141519 | 19 x 1 | Yes | 12.9 |
| 0141524 | 24 x 1 | Yes | 15.7 |
| 0141602 | 2 x 1,5 | No | 6.9 |
| 0141604 | 4 x 1,5 | Yes | 8.1 |
| 0141612 | 12 x 1,5 | Yes | 12.7 |
| 0141618 | 18 x 1,5 | Yes | 14.8 |
| 0141619 | 19 x 1,5 | Yes | 14.8 |
| 0141625 | 25 x 1,5 | Yes | 17.6 |
| 0141704 | 4 x 2,5 | Yes | 9.7 |
| 0141712 | 12 x 2,5 | Yes | 15.1 |
| 0141804 | 4 x 4 | No | 11.5 |