

Connecting cable

NEBC-R3G4-ES-2-N-S-R3G4-ET

Part number: 8188953



 General operating condition

Data sheet

| Feature | Value |
|--|--------------------------------------|
| Based on standard | EN 61076-2-114 |
| Cable designation | Without inscription label holder |
| Frequency of connection | 750 |
| Mounting position | Any |
| Product weight | 88 g |
| Electrical connection 1, function | Control side |
| Electrical connection 1, design | Square |
| Electrical connection 1, connection type | Plug |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connector system | RJ45 to IEC 60603-7-3 |
| Electrical connection 1, number of connections/cores | 8 |
| Electrical connection 1, used connections/cores | 4 |
| Electrical connection 1, type of mounting | Snap-locking |
| Electrical connection 1, connection pattern | 00995653 |
| Electrical connection 2, function | Control side |
| Electrical connection 2, design | Square |
| Electrical connection 2, connection type | Plug |
| Electrical connection 2, cable outlet | Straight |
| Electrical connection 2, connector system | RJ45 to IEC 60603-7-3 |
| Electrical connection 2, number of connections/cores | 8 |
| Electrical connection 2, used connections/cores | 4 |
| Electrical connection 2, type of mounting | Snap-locking |
| Electrical connection 2, connection pattern | 00995653 |
| Operational voltage range DC | 0 V ... 60 V |
| Nominal operating voltage DC | 24 V |
| Current rating at 40° C | 1 A |
| Immunity to surge | 1.5 kV |
| Reverse polarity protection | No |
| Protective conductor connection | Not provided |
| Shielding | Yes |
| Transmission characteristics | According to system communication AP |
| Cable length | 2 m |
| Cable characteristic | Suitable for energy chains |
| Test conditions cable | Test conditions on request |
| Bending radius, fixed cable | ≥18 mm |
| Bending radius, moving cable | ≥75 mm |

| Feature | Value |
|--|--|
| Cable diameter | 5.5 mm |
| Cable diameter tolerance | ±0.2 mm |
| Cable structure | 2 x 2 x AWG26 |
| Conductor nominal cross section | AWG26 |
| Degree of protection | IP20 |
| Note on degree of protection | In mounted state |
| Special characteristics | UV-resistant Flame-retardant and self-extinguishing Hydrolysis-resistant Resistant to microbes Oil-resistant |
| Ambient temperature | -40 °C ... 80 °C |
| Ambient temperature with moving cable | -20 °C ... 80 °C |
| Storage temperature | -20 °C ... 70 °C |
| Overvoltage category | II |
| CE mark (see declaration of conformity) | In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Note on materials | CFC-free RoHS compliant Free of halogen Free of phosphoric acid ester Silicone free |
| Pollution degree | 3 |
| Corrosion resistance class CRC | 1 - Low corrosion stress |
| Material cable sheath | PUR |
| Cable sheath colour | Silver-grey with sky blue stripe |
| Material housing | TPE-U(PUR) |
| Housing colour | Black |
| Material screw-type lock | Brass, nickel-plated |
| Material electrical contact | Gold-plated copper alloy |
| Material insulating sheath | PP |