

## product data sheet

item no. 00.712.0303.6

### flat cable 5G2,5MM² PVC BL

gesis® NRG DIMM flat cable; mains+signal 5G2.5; 20 A; 0.6/1 kV;  
PVC CPR class Eca; color: blue.



|            |               |
|------------|---------------|
| item no.   | 00.712.0303.6 |
| EAN        | 4049088261206 |
| order unit | 1 piece(s)    |

## certificates / approvals



## technical data

### technical data

|                                         |                            |
|-----------------------------------------|----------------------------|
| nominal cross section conductor         | 2.5 mm²                    |
| nominal voltage UN                      | 1000 V                     |
| nominal voltage U0                      | 600 V                      |
| bending radius, static                  | 100 mm                     |
| fire class                              | Eca                        |
| conductor category                      | class 6 = very flexible    |
| number of cores                         | 5                          |
| core insulation                         | PVC                        |
| yellow/green conductor                  | yes                        |
| screen                                  | no                         |
| material outer sheath                   | PVC                        |
| color outer sheath                      | pastel blue                |
| flame retardant                         | according to DIN 60332-1-2 |
| halogen free (according to EN 60754-12) | no                         |
| cable width approx.                     | 24 mm                      |
| cable height approx.                    | 6.3 mm                     |
| ambient temperature min.                | -15 °C                     |
| ambient temperature max.                | 70 °C                      |
| nominal voltage U0                      | 600 V                      |
| nominal voltage U                       | 1000 V                     |

## accessories

| item no.      | type                           | description                                                                |
|---------------|--------------------------------|----------------------------------------------------------------------------|
| F0.000.0051.9 | cutting tool podis/gesis       | Cutter for podis and gesis cables up to 5G16 (AWG 5C6), blade length 40 mm |
| 05.562.3000.0 | cable clip Befestigungsschelle | Cable clip for flat cable                                                  |

|               |                                     |                                                                                                                                                                                                            |
|---------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 06.562.0653.0 | end cap GESIS NRG 5x2,5+5x4MM²      | gesis® NRG end cap; for flat cable 5G2,5 and 5G4; IP40; can be assembled after cable is cut with special cutting tool; colour: natural coloured                                                            |
| 95.300.0600.0 | cutting tool GESIS NRG 5x2,5+5x4MM² | gesis® NRG cutting tool; mandatory to cut and prepare the ends of gesis NRG BASIC and gesis NRG DIMM flat cable for the end cap.                                                                           |
| 99.681.0000.0 | sample case GESIS NRG 5x2,5+5x4MM²  | gesis® NRG sample case 5G2,5 and 5G4 mm²; contains feed-in and tapping gesis® NRG BASIC and DIMM, flat cable 5G2,5 mm² PVC pastel blue, flat cable 5G4 mm² halogenfree green, end caps, screw driver TX10. |

#### assembly

| item no.      | type                                   | description                                                                                                                                                                                                                                                                                                          |
|---------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 06.562.0653.0 | end cap GESIS NRG 5x2,5+5x4MM²         | gesis® NRG end cap; for flat cable 5G2,5 and 5G4; IP40; can be assembled after cable is cut with special cutting tool; colour: natural coloured                                                                                                                                                                      |
| 92.050.1653.0 | flat cable adapter GST18i5A S1 F7 PB   | gesis® NRG mains + dimming feed-in for flat cable; colour: black; 250/400 V; 20 A; IP40; integrated strain-relief to feed-in with round cables, diameter: 12 to 16 mm, cross-section fine-stranded: 2,5 bis 4 mm², solid: 2,5-6 mm²; Piercing-contact screws with Torx-head; for gesis® NRG flat cable 5G2,5 and 5G4 |
| 92.051.5553.0 | flat cable adapter GST18i5i B1H F7V PB | gesis® NRG flat cable adapter to GST18i5; Code 2 mains + dimming; colour of coding: pastel blue; 250/400 V; 20 A; pluggable output parallel to flat cable; piercing-contact screws with Torx-head; for gesis® NRG flatcable 5G2,5 and 5G4.                                                                           |