## Overview

### Product information



# 9EDGK-5.0-10020002916

Pluggable terminal blocks,Rated current:20A.Rated voltage （III/2）:160V,pitch:5.0mm,Color:black,Contact surface :Tin

### Product advantages

☑ Cage clamp pluggable connection technology,reliable wiring
☑ Self-locking structure with sound prompt,safe to use

### Product certification

## Technical data

### Product drawing

### 3D model

### Connection capacity

| | |
|---|---|
| Conductor cross section solid | 0.2~2.5mm² |
| Conductor cross section flexible | 0.2~2.5mm² |
| AWG | 28~14AWG |
| Strip length | 9mm |

### Electrical parameters UL

| | |
|---|---|
| Rated voltage (B) | 300V |
| Rated voltage (D) | 300V |
| Rated current (B) | 14.5A |
| Rated current (D) | 10A |

## Electrical parameters IEC

| | |
|---|---|
| Rated voltage | 320V |
| Rated voltage(III/3) | 160V |
| Rated current | 20A |
| Rated voltage(III/2) | 160V |
| Rated voltage(II/2) | 320V |
| Rated surge voltage(III/3) | 4KV |
| Rated surge voltage(III/2) | 4KV |
| Rated surge voltage(II/2) | 4KV |

## Item properties

| | |
|---|---|
| Connection direction | 0° |
| Connection method | spring-cage connection |
| Pitch | 5mm |
| Number of potentials | 10 |
| Pluggable or not | Yes |
| Number of rows | 1 |

## Material data

| | |
|---|---|
| Environmental items | Compliant with REACH/RoHS |
| Contact material | Copper alloy |
| Contact point metal surface | tin-plated |
| Contact zone metal surface | Gold plate |
| Insulation Materials | PA66 |
| Insulating material group | II |
| Flammability rating | UL94V-0 |

## Mechanical tests

| | |
|---|---|
| Test Specification | IEC61984/ UL1059 |

### Environmental data

| | |
|---|---|
| Ambient temperature (operation) | -40℃~105℃(depending on derating curve) |

## Accessories

### Accessories

| | |
|---|---|
| Coding strip | / |
| Bridge | DG018-5.0 |
| Marking strip | / |
| Others | / |

### Tool

| | |
|---|---|
| Operating tool | DG010 |
| Screwdriver | / |

## Business data

| | |
|---|---|
| Order number | 10020002916 |
| Packing unit | 195 |
| Minimum order quantity | 30 |
| Products weight (without packaging) | 16.42 |