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Especialistas en Automatización

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## Cable - CABLE-EC56/F/OE/0,34/S/20,0M - 2903402

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Shielded cable with a 56-pos. EDAC/ELCO socket and open end. The individual wires are labeled 1 to 54, Y and Z, and fitted with ferrules. The braided shield is routed to a separate cable end at both ends. Cable length: 20 m

### Key Commercial Data

|              |                     |
|--------------|---------------------|
| Packing unit | 1 STK               |
| GTIN         | <br>4 046356 734158 |

### Technical data

#### General

|   |  |
|---|--|
| Nominal voltage $U_N$                         | 25 V AC  |
|   | 60 V DC  |
| Max. current carrying capacity per path       | 1.5 A  |
| Max. conductor resistance                     | $\leq 0.056 \Omega/m$ (at 20 °C)                   |
| Length of cable                               | 20 m   |
| Single wire, cross section                    | 0.34 mm <sup>2</sup>                               |
| Single wire, cross section [AWG]              | 22   |
| Conductor construction: Number of litz wires: | 19   |
| Single wire, material                         | Cu uninsulated                                     |
| External diameter                             | 14.2 mm  |
| Shielding                                     | yes  |
|   | Tinned copper-braided shield, approx. 85% covering |

#### Environmental conditions

|   |                         |
|---|-------------------------|
| Ambient temperature (operation)         | -20 °C ... 60 °C        |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C        |
| Flame resistance                        | IEC 60332-1             |
|   | DIN VDE 0482 Part 332-1 |

#### Connector, module side

|                       |                        |
|-----------------------|------------------------|
| Connection method     | EDAC/ELCO socket strip |
| Number of connections | 1                      |
| Number of positions   | 56                     |

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## Technical data

### Connector, controller side

|                     |          |
|---------------------|----------|
| Connection method   | Open end |
| Number of positions | 56       |

### Standards and Regulations

|                  |                         |
|------------------|-------------------------|
| Flame resistance | IEC 60332-1             |
|                  | DIN VDE 0482 Part 332-1 |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27061801 |
| eCl@ss 7.0 | 27061801 |
| eCl@ss 8.0 | 27249205 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000237 |
| ETIM 4.0 | EC000830 |
| ETIM 5.0 | EC000237 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 26121620 |
| UNSPSC 7.0901 | 26121620 |
| UNSPSC 11     | 26121620 |
| UNSPSC 12.01  | 26121620 |
| UNSPSC 13.2   | 26121620 |

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

# Cable - CABLE-EC56/F/OE/0,34/S/20,0M - 2903402

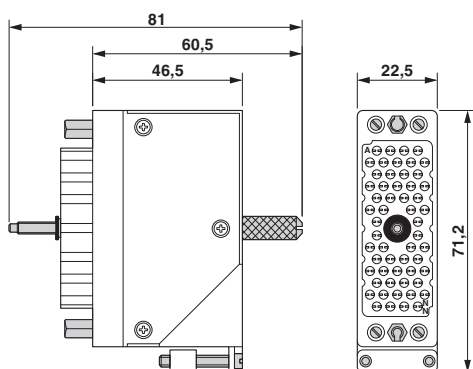
## Approvals

### Approval details

EAC

## Drawings

Dimensional drawing



Connection diagram

| Individual wire marking | EDAC socket plug-in connector | Individual wire marking | EDAC socket plug-in connector |
|-------------------------|-------------------------------|-------------------------|-------------------------------|
| Z                       | Z                             | 31                      | m                             |
| 1                       | A                             | 32                      | n                             |
| 2                       | B                             | 33                      | p                             |
| 3                       | C                             | 34                      | r                             |
| 4                       | D                             | 35                      | s                             |
| 5                       | E                             | 36                      | t                             |
| 6                       | F                             | 37                      | u                             |
| 7                       | H                             | 38                      | v                             |
| 8                       | J                             | 39                      | w                             |
| 9                       | K                             | 40                      | x                             |
| 10                      | L                             | 41                      | y                             |
| 11                      | M                             | 42                      | z                             |
| 12                      | N                             | 43                      | AA                            |
| 13                      | P                             | 44                      | BB                            |
| 14                      | R                             | 45                      | CC                            |
| 15                      | S                             | 46                      | DD                            |
| 16                      | T                             | 47                      | EE                            |
| 17                      | U                             | 48                      | FF                            |
| 18                      | V                             | 49                      | HH                            |
| 19                      | W                             | 50                      | JJ                            |
| 20                      | X                             | 51                      | KK                            |
| 21                      | a                             | 52                      | LL                            |
| 22                      | b                             | 53                      | MM                            |
| 23                      | c                             | 54                      | NN                            |
| 24                      | d                             | Y                       | Y                             |
| 25                      | e                             |                         |                               |
| 26                      | f                             |                         |                               |
| 27                      | h                             |                         |                               |
| 28                      | j                             |                         |                               |
| 29                      | k                             |                         |                               |
| 30                      | l                             |                         |                               |

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