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Especialistas en Automatización

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# Passive module - FLKM-KS40/AO16/YCS - 2314260

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16-channel analog module with a screw connection and two 40-pos. system connections. Suitable for the Yokogawa AA1543 card.

## Why buy this product

- For AAI 543 analog module



## Key Commercial Data

|              |                 |
|--------------|-----------------|
| Packing unit | 1 STK           |
| GTIN         | 4 046356 143776 |

## Technical data

### Dimensions

|        |        |
|--------|--------|
| Width  | 108 mm |
| Height | 126 mm |
| Depth  | 68 mm  |

### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

### General

|                                 |                           |
|---------------------------------|---------------------------|
| Max. perm. operating voltage    | 30 V DC                   |
| Max. perm. current (per branch) | 100 mA                    |
| Number of positions             | 40                        |
| Status display                  | No                        |
| Mounting position               | any                       |
| Assembly instructions           | In rows with zero spacing |
| Degree of protection            | IP00                      |
| Standards/regulations           | DIN EN 50178              |

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## Technical data

### General

|                          |                                |
|--------------------------|--------------------------------|
|                          | IEC 60664                      |
|                          | IEC 62103                      |
| Rated insulation voltage | 50 V                           |
| Rated surge voltage      | 0.5 kV (Functional insulation) |
| Degree of pollution      | 2                              |
| Overvoltage category     | II                             |

### Connection data for connection 1

|                                  |   |
|----------------------------------|---|
| Connection name                  | Field level                                 |
| Connection method                | Screw connection                            |
| Stripping length                 | 8 mm  |
| Screw thread                     | M3  |
| Conductor cross section solid    | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>   |
| Conductor cross section flexible | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 24 ... 12                                   |

### Connection data for connection 2

|                       |   |
|-----------------------|---|
| Connection name       | Controller level  |
| Connection method     | Yokogawa KS-compatible                                    |
| Torque                | 0.5 Nm  |
| Number of connections | 2   |
| Number of positions   | 40  |
| Note                  | Usable system cables: Phoenix Contact YUC40, Yokogawa KS1 |

### Connection data for connection 3

|                       |                |
|-----------------------|----------------|
| Connection name       | HART connector |
| Connection method     | HART connector |
| Number of connections | 1              |

### Supported controller

|                     |                          |
|---------------------|--------------------------|
| Controller          | YOKOGAWA CS3000 CentumVP |
| - suitable I/O card | AAI543                   |
| Controller          | YOKOGAWA STARDOM         |
| - suitable I/O card | NFAI543                  |

### Standards and Regulations

|                       |              |
|-----------------------|--------------|
| Standards/regulations | DIN EN 50178 |
|                       | IEC 60664    |
|                       | IEC 62103    |
| Degree of pollution   | 2            |
| Overvoltage category  | II           |

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## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27250313 |
| eCl@ss 5.1 | 27250313 |
| eCl@ss 6.0 | 27242608 |
| eCl@ss 7.0 | 27141152 |
| eCl@ss 8.0 | 27141152 |

## ETIM

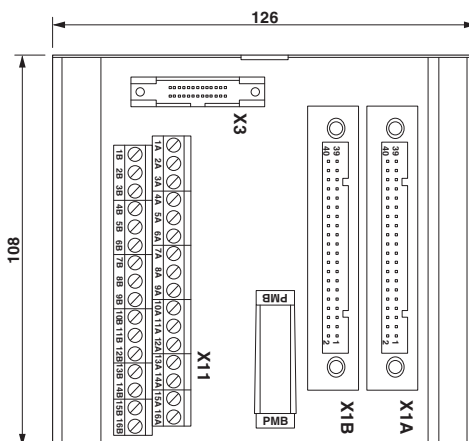
|          |          |
|----------|----------|
| ETIM 2.0 | EC001434 |
| ETIM 3.0 | EC001604 |
| ETIM 4.0 | EC001604 |
| ETIM 5.0 | EC002780 |

## UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11     | 39121421 |
| UNSPSC 12.01  | 39121421 |
| UNSPSC 13.2   | 39121421 |

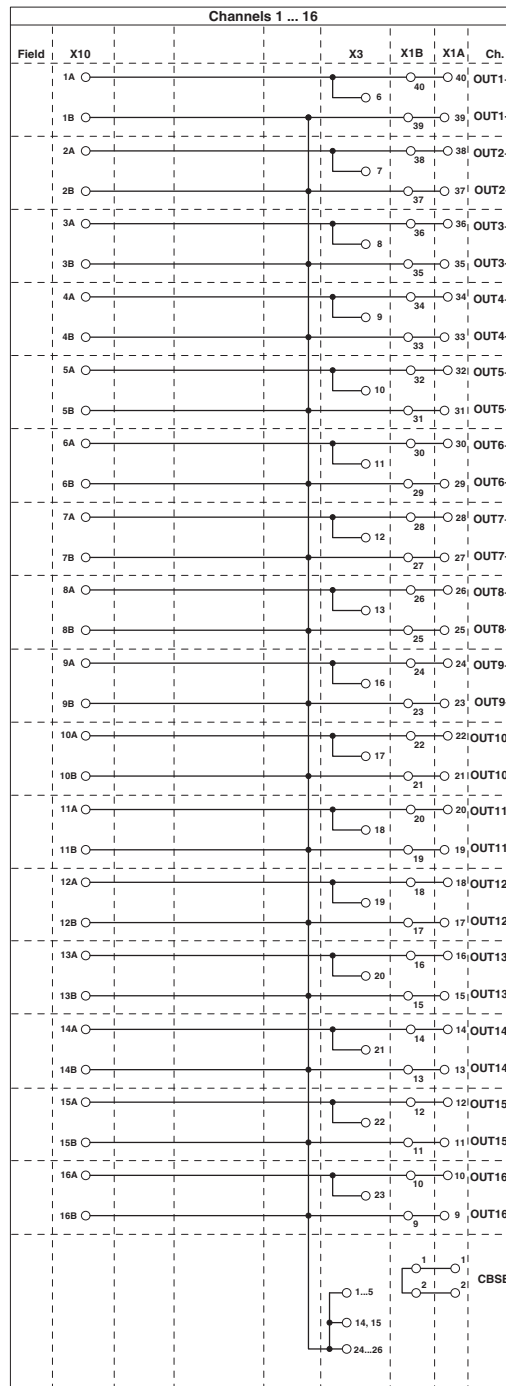
## Drawings

Dimensional drawing



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Circuit diagram



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