

SAI-4/6/8-MH BL3.5**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

General ordering data

| | |
|------------|---|
| Version | Hood, 30 V, , LED: No, LED initiator: No, Wiring type: None |
| Order No. | 1724750000 |
| Type | SAI-4/6/8-MH BL3.5 |
| GTIN (EAN) | 4032248002429 |
| Qty. | 1 items |

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Technical data

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 57 mm | Depth (inches) | 2.2441 inch |
| Height | 32.5 mm | Height (inches) | 1.2795 inch |
| Width | 59.2 mm | Width (inches) | 2.3307 inch |
| Net weight | 86 g | | |

Temperatures

| | |
|-----------------------|------------|
| Operating temperature | -20 - 90°C |
|-----------------------|------------|

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Connection data

| | | | |
|---|----------------------|---|---------------------|
| Conductor O.D., min. | 6 mm | Conductor O.D., max. | 12 mm |
| Sheathing stripping length | 100 mm | Cable gland | M 20 |
| Clamping range, min. | 0.08 mm ² | Clamping range, max. | 1.5 mm ² |
| Wire connection cross section AWG, min. | AWG 28 | Wire connection cross section AWG, max. | AWG 14 |
| Solid, min. H05(07) V-U | 0.2 mm ² | Solid, max. H05(07) V-U | 1.5 mm ² |
| Flexible, min. H05(07) V-K | 0.2 mm ² | Flexible, max. H05(07) V-K | 1.5 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, 0.2 mm ² min. | | w. plastic collar ferrule, DIN 46228 pt 4, 1.5 mm ² max. | |
| w. wire end ferrule, DIN 46228 pt 1, 0.2 mm ² min. | | w. wire end ferrule, DIN 46228 pt 1, 1.5 mm ² max. | |
| max. connection of equal cross-section | 10 | Storage space | Standard |
| Distributor outlet | Hood | | |

Electrical data

| | | | |
|--------------------------------|------|---|------|
| Rated voltage, min. | 10 V | Rated voltage, max. | 30 V |
| Test voltage | 1 kV | Max. current-carrying capacity per slot | 4 A |
| Total current | 10 A | Current per signal | 2 A |
| Electrical isolation available | No | | |

General technical data

| | | | |
|-------------------|------|--------------------|------|
| Protection degree | IP67 | Pollution severity | 2 |
| Fire behaviour | V-0 | Plugging cycles | ≤ 50 |
| LED | No | LED initiator | No |

Material data

| | | | |
|-----------------------|----------------|-------------------------|-------------|
| Housing main material | Pocan | Material of distributor | Plastic |
| Housing colour | grey, RAL 7032 | Hood sealing material | Viton |
| Contact material | CuZn | Contact surface | Gold-plated |

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Technical data**Technical data cable**

| | | | |
|-----------------------------|-------|----------------------|------|
| Conductor O.D., max. | 12 mm | Conductor O.D., min. | 6 mm |
| Suitable for cable carriers | No | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC003558 | ETIM 9.0 | EC003558 |
| ETIM 10.0 | EC003558 | ECLASS 14.0 | 27-44-01-11 |
| ECLASS 15.0 | 27-44-01-11 | | |

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Drawings

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Similar to illustration

