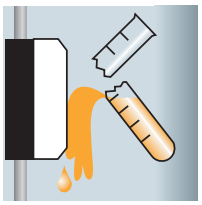
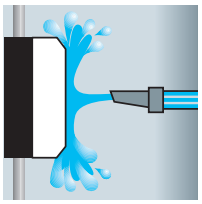
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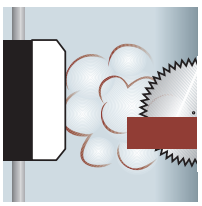


**IP65**

# Enclosed Switch-disconnectors with pre-assembled steel EMC screen







Electromagnetic compatibility (EMC) refers to the ability of the device to function despite electromagnetic disturbances in the environment without electromagnetically disturbing other devices in the surroundings.

The operation of three-phase motors is becoming more and more common via variable speed drives or frequency inverters, and the use of such equipment can cause EMC disturbance to rise significantly.

If interruption cannot be avoided, then an ideal mitigation method to maintain EMC compliance is to clamp the screened cables to a steel screening plate.

We have now enlarged our reliable CI-K offering with a range of enclosed Switch-disconnectors with pre-assembled steel screening plates for applications where EMC compliance is necessary. The new enclosed products feature units with current ratings of 20 A to 63 A, and can be used for motor applications up to 30 kW (AC-23A) for 415 V nominal current.

**Features**

- Well known Reliable Eaton Series switchgear
- Robust IP65 Polycarbonate compact enclosures
- Cable clamps provide robust and trouble free connection to the screening plate
- A range of cable clamps to suit all cable diameters is supplied as standard
- Various Auxiliary switch options to suit customer needs
- Red/Yellow or Black lockable handle options.

This range of enclosed switches are available as complete packages with pre-built switched N and Auxiliary contacts. The screeening plate is also available seperately for retrofit purposes.

EATON

*Powering Business Worldwide*

## Range of pre-assembled switches

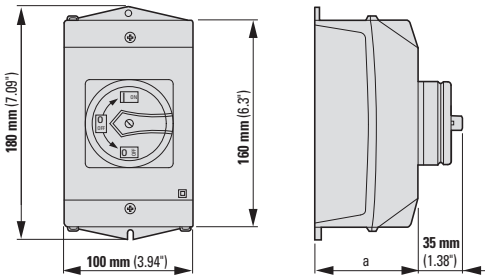
| Max. Amp. rating | Motor Rating AC-23A, 415 V | Description | Part no. | Article no. |
|---|---|---|---|---|
| 20 A | 5.5 kW | 3 Pol, red/yellow handle | **T0-2-1/I2H/MBS/SVB** | 182425 |
| | | 3 Pol, black handle | **T0-2-1/I2H/MBS/SVB-SW** | 182426 |
| | | 3 Pol + N, red/yellow handle | **T0-2-8900/I2H/MBS/SVB** | 182427 |
| | | 3 Pol + N, black handle | **T0-2-8900/I2H/MBS/SVB-SW** | 182428 |
| | | 3 Pol + 1 NO, red/yellow handle | **T0-2-15679/I2H/MBS/SVB** | 182429 |
| | | 3 Pol + 1 NO, black handle | **T0-2-15679/I2H/MBS/SVB-SW** | 182430 |
| | | 3 Pol + N + 1 NO / 1 NC, red/yellow handle | **T0-3-15680/I2H/MBS/SVB** | 182431 |
| | | 3 Pol + N + 1 NO / 1 NC, black handle | **T0-3-15680/I2H/MBS/SVB-SW** | 182432 |
| | | 3 Pol + 2 NO / 1 NC, red/yellow handle | **T0-3-15683/I2H/MBS/SVB** | 182433 |
| | | 3 Pol + 2 NO / 1 NC, black handle | **T0-3-15683/I2H/MBS/SVB-SW** | 182434 |
| | | 6 Pol + 1 NO / 1 NC, red/yellow handle | **T0-4-15682/I2H/MBS/SVB** | 182435 |
| | | 6 Pol + 1 NO / 1 NC, black handle | **T0-4-15682/I2H/MBS/SVB-SW** | 182436 |
| 25 A | 11 kW | 3 Pol, red/yellow handle | **P1-25/I2H/MBS/SVB** | 182413 |
| | | 3 Pol, black handle | **P1-25/I2H/MBS/SVB-SW** | 182414 |
| | | 3 Pol + 1 NO / 1 NC, red/yellow handle | **P1-25/I2H/MBS/SVB/HI11** | 182415 |
| | | 3 Pol + 1 NO / 1 NC, black handle | **P1-25/I2H/MBS/SVB-SW/HI11** | 182416 |
| 32 A | 15 kW | 3 Pol, red/yellow handle | **P1-32/I2H/MBS/SVB** | 182417 |
| | | 3 Pol, black handle | **P1-32/I2H/MBS/SVB-SW** | 182418 |
| | | 3 Pol + 1 NO / 1 NC, red/yellow handle | **P1-32/I2H/MBS/SVB/HI11** | 182419 |
| | | 3 Pol + 1 NO / 1 NC, black handle | **P1-32/I2H/MBS/SVB-SW/HI11** | 182420 |
| 63 A | 30 kW | 3 Pol, red/yellow handle | **P3-63/I4/MBS/SVB** | 182421 |
| | | 3 Pol, black handle | **P3-63/I4/MBS/SVB-SW** | 182422 |
| | | 3 Pol + 1 NO / 1 NC, red/yellow handle | **P3-63/I4/MBS/SVB/HI11** | 182423 |
| | | 3 Pol + 1 NO / 1 NC, black handle | **P3-63/I4/MBS/SVB-SW/HI11** | 182424 |

Note: Switches to be used for emergency stop switching must have a red handle and yellow locking collar type SVB, (as per IEC/EN 60204/ VDE0113). Otherwise the black handle should be used (suffix „SVB-SW“).

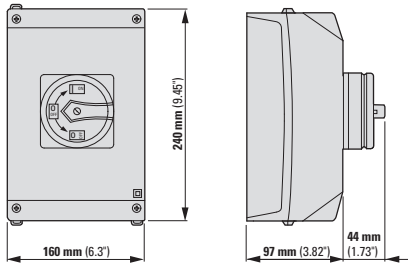
## Range of accessories

| Description: | Part no. | Article no. |
|---|---|---|
| Empty enclosure with screening plate for T0-1 | **CI-K2H-T0-1-MBS** | 182408 |
| Empty enclosure with screening plate for T0-2 | **CI-K2H-T0-2-MBS** | 182409 |
| Empty enclosure with screening plate for T0-3, T0-4 | **CI-K2H-T0-4-MBS** | 182410 |
| Empty enclosure with screening plate for T3-1, T3-2 | **CI-K2H-T3-2-MBS** | 182411 |
| Empty enclosure with screening plate for T3-3, T3-4 | **CI-K2H-T3-4-MBS** | 182412 |
| Metal screening plate for CI-K2 | **MBS-I2** | 290191 |
| Metal screening plate for CI-K4 | **MBS-I4** | 118742 |

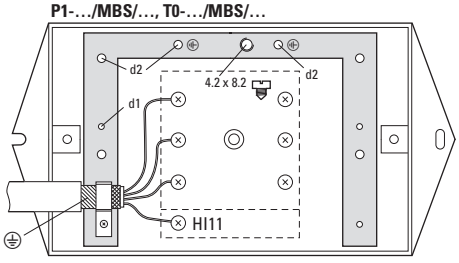
## Dimensions




| Typ | a |
|---|---|
| P1-…/MBS/… | **81 mm** (3.19") |
| T0-…/MBS/… | **101 mm** (3.98") |

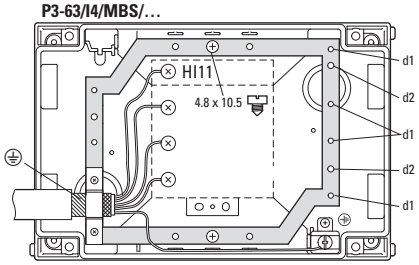



**P1-…/MBS/…, T0-…/MBS/…**




| mm | in | mm | Ø | mm | in |
|---|---|---|---|---|---|
| 7 | 0.28 | 2 x 4.2 x 8.2 | d1 | 3.5 | 0.14 |
| 8 | 0.32 | 2 x 4.2 x 8.2 | d1 | 3.5 | 0.14 |
| 10 | 0.39 | 2 x 4.2 x 8.2 | d1 | 3.5 | 0.14 |
| 12 | 0.47 | 2 x 4.8 x 10.5 | d2 | 4.1 | 0.16 |

**P3-63/I4/MBS/…**




| mm | in | mm | Ø | mm | in |
|---|---|---|---|---|---|
| 12 | 0,47 | 2 x 4,8 x 10,5 | d2 | 4,1 | 0,16 |
| 16 | 0,63 | 2 x 4,8 x 10,5 | d2 | 4,1 | 0,16 |
| 20 | 0,79 | 2 x 4,2 x 8,2 | d1 | 3,5 | 0,14 |



Powering Business Worldwide

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