# XM Breaker Enclosure Siemens APT

## Product Introdution



(Photo of XM-9 empty enclosure)          (Photo of XM-12 empty enclosure)          (Photo of XM-24 empty enclosure)

## Product Features

- 3 kinds of external sizes, 2 kinds of materials.
- This product has full plastic enclosure and is mainly used as lighting enclosure in petroleum, chemical and other sectors at occasions with much dust and small corrosion hazard.
- The face guard is made of shallow black transparent PC material; the enclosure is in grey. The general material of enclosure is ABS; PC material may also be custom-made upon the user's request.
- XM-9 and XM-12 have been installed with two  shape TS35X7.5 (also known as TH35X7.5) guide rails inside the enclosure; XM-24 has been installed with four guide rails inside the enclosure for the user to install miniature breaker and wiring terminals.

## Technical Specifications

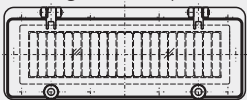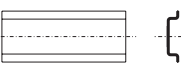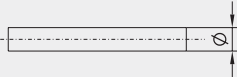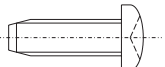| Seal ring | Silicone sponge rubber | |
|---|---|---|
| Connection between the cover and the base | Four M8 nylon bolts. | |
| Enclosure installation | There are four holes (≥Ø6.3) at the bottom of the base designed for enclosure installation (installation hole size and hole pitch dimension line are engraved outside the base) | |
| Material | PC (custom-made) | ABS (general) |
| Temperature range | -50° - +120° | -40° - +80° |
| Flame retardant rating | $V_2$ | $V_0$ |
| Protection class | IP44 | |

# XM Series Lighting Box
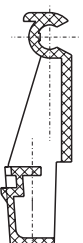
## XM-9, XM-12, XM-24 Dimension Drawing

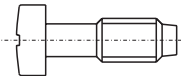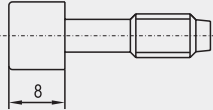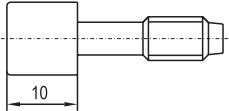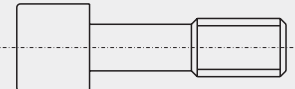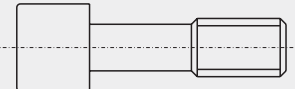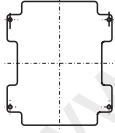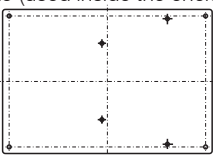| Model | External size and internal height dimension drawing | Schematic diagram of knock-off hole position | Enclosure installation hole size drawing |
|---|---|---|---|
| XM-9 |  |  |  |
| XM-12 |  |  |  |
| XM-24 |  |  |  |

## Ordering Instruction

• When ordering, please specify order number. If only the model is given, goods made of general materials will be supplied.
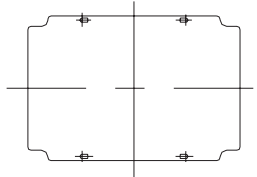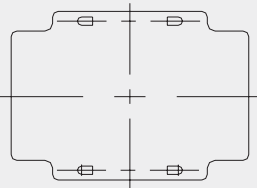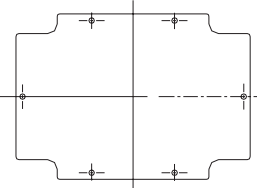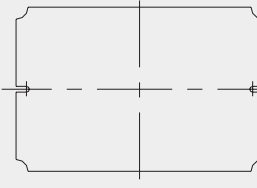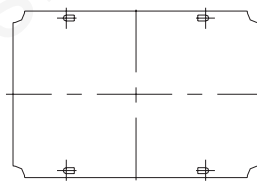
# Accessory

| Name & photo (or sketch) | Model | Material | Size | Applicable product |
|---|---|---|---|---|
| Hinge | 19F-01 | 19F-01 | 54×16×24 | XK-9 |
| | 19F-02 | 19F-02 | 44×16×24 | XM-12 |
| Operating window (maintenance box) | 19F-03 | Base: ABS<br>Transparent cover: PC | 246×94×52 | XX (maintenance box) |
| Guide rail TS35×7.5(TH35×7.5) | 19F-04 | 19F-04 | Length: 1000/pc | XJR-1 ～ 4, XJB-1 ～ 4,<br>XJ-5 ～ 10, XX, XM-9 ～ 24 |
| Sealant tape (wearing part) | 19F-05 | Silicon sponge sealant tape | Ø 2.5 | XKA-1 ～ 5, XKB-1 ～ 4<br>XKR-1 ～ 4, XJA-1 ～ 5<br>XJB-1 ～ 4, XJR-1 ～ 4 |
| | 19F-06 | Silicon sponge sealant tape | Ø 3 | XK-7, XL-7 |
| | 19F-07 | Silicon sponge sealant tape | Ø 3.5 | XK-8, XL-8 |
| | 19F-08 | Silicon sponge sealant tape | Ø 4 | XK-9, XK-10, XJ-10, XX |
| | 19F-09 | Silicon sponge sealant tape | Ø 4.5 | XM-9, XM-12, XM-24 |
| Cross recessed pan head self-tapping screw GB845 | 19F-10 | Q235 | ST4.8×9.5-F | XKB-1 ～ 4, XKR-1 ～ 4, XK-7<br>XJB-1 ～ 4, XJR-1 ～ 4, XJ -7 |
| | 19F-11 | Q235 | ST6.3×13-F | XK-8, XJ-8 |
| | 19F-12 | Q235 | ST6.3×16-F | XM-9, XM-12, XM-24, XK-9,<br>XK-10, XJ-10, XX |
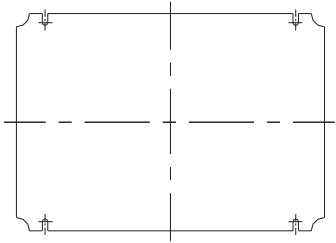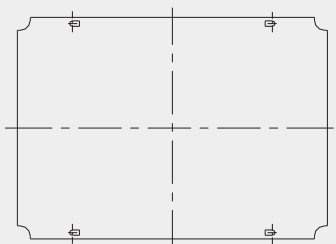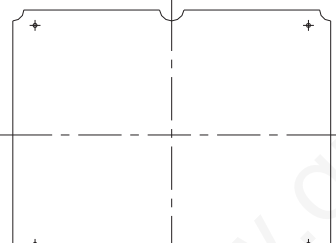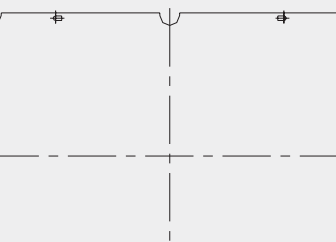
# Accessory

| Name & photo (or sketch) | Model | Material | Size | Applicable product |
|---|---|---|---|---|
| Screw (spherical pan head cross recess) | 19F-16 | Nylon | M6×18 | XKR-1 ～ 5, XJR-1 ～ 5 |
| Screw (cylinder head cross recess) | 19F-17 | Nylon | M6×20 | XKB-1 ～ 4, XJB1 ～ 4 |
| Screw (cylinder head cross recess) | 19F-18 | Nylon | M6×20 | XK-7, XJ-7 |
| Screw (cylinder head cross recess) | 19F-19 | Nylon | M8×27 | XK-8, XJ-8, XM-9, XM-12 |
|  | 19F-20 | Nylon | M10×31 | XK-9, XK-10, XJ-10, XX |
| Bottom plate (used inside the enclosure) | 19F-13 | Q235 | 170×144 | XK-6 |
| Bottom plate (used inside the enclosure) | 19F-14 | Q235 | 250×186 | XK-8 |
| Bottom plate (used inside the enclosure) | 19F-15 | Q235 | 384×264 | XK-9, XK-10, XX |

# Accessory

| Name & photo (or sketch) | Model | Material | Size | Applicable product |
|---|---|---|---|---|
| Upper mounting plate | 19F-24 | Q235 | 307×209 | XK-8 |
| Upper mounting plate | 19F-25 | Q235 | 171.8×121.8 | XK-12 |
| Lower mounting plate | 19F-26 | Q235 | 169×110 | XK-12 |
| Lower mounting plate | 19F-28 | Q235 | 238×158 | XK-13 |
| Upper mounting plate | 19F-29 | Q235 | 247×166 | XK-13 |
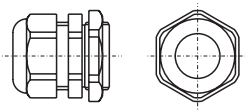
# Accessory

| Name & photo (or sketch) | Model | Material | Size | Applicable product |
|---|---|---|---|---|
| Lower mounting plate  | 19F-32 | Q235 | 338×238 | XK-14 |
| Upper mounting plate  | 19F-33 | Q235 | 349×249 | XK-14 |
| Lower mounting plate  | 19F-34 PH13 | Q235 | 465×365 | XK-15, XK-16 |
| Upper mounting plate  | 19F-35 PH10 | Q235 | 474×374 | XK-15, XK-16 |

# Accessory

| Name & photo (or sketch) | Model | Material | Size | Applicable product |
|---|---|---|---|---|
| Supporting plate  | 19F-27 | Q235 | 24×14×11.5 | XK-8, XK-12, XK-13, XK-14, XK-15, XK-16 |
| Big hole plug  | 19F-30 PH13 | ABS | Ø 13 | XK-14, XK-16, XK-15 |
| Small hole plug  | 19F-31 PH10 | ABS | Ø 10 | XK-8, XK-12, XK-13, XK-10 |
| Extension frame  | XK-14-F50 | ABS | 270×370×50 | XK-14 |
| Extension frame  | XK-16-F65 | ABS | 400×500×65 | XK-15, XK-16 |

# Accessory

| Name & photo (or sketch) | Model | Specification | Material |
|---|---|---|---|
| Waterproof joint of the cable | 19F-21 | pg13.5 | Main part: Nylon; Sealing element: BNR |
| | 19F-22 | pg16 | |
| | 19F-23 | pg21 | |
| | 19F-24 | pg29 | |
| | 19F-25 | pg36 | |

Nylon cable waterproof clamp joint size figure
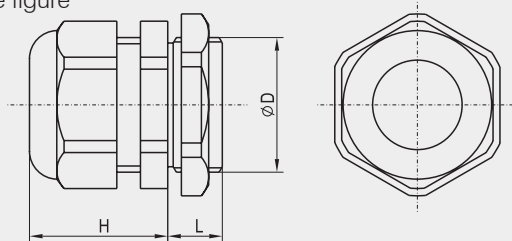
| Model Ordinary pg thread | Bayonet range mm | ØD mm | L mm | H mm | Model Ordinary pg thread | Bayonet range mm | ØD mm | L mm | H mm |
|---|---|---|---|---|---|---|---|---|---|
| HSK-P, pg7 | 3 ～ 6.5 | 12.5 | 8 | 20 | HSK-P, pg21 | 13 ～ 18 | 28.3 | 11 | 30 |
| HSK-P, pg9 | 4 ～ 8 | 15.2 | 8 | 22 | HSK-P, pg29 | 18 ～ 25 | 37 | 11 | 38 |
| HSK-P, pg11 | 5 ～ 10 | 18.6 | 8 | 24 | HSK-P, pg36 | 22 ～ 32 | 47 | 13 | 45 |
| HSK-P, pg13.5 | 6 ～ 12 | 20.4 | 9 | 27 | HSK-P, pg42 | 32 ～ 38 | 54 | 13 | 47 |
| HSK-P, pg16 | 10 ～ 14 | 22.5 | 10 | 28 | HSK-P, pg48 | 37 ～ 44 | 59.3 | 14 | 47 |