

# Product datasheet

Specifications



## EVS400F TM400D circuit breaker - 3P/3d

EVS400F3400

### Main

Range of product	EasyPact EVS
Product or component type	Circuit breaker
Device short name	EVS400F
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3d
Suitability for isolation	Yes

### Complementary

Neutral position	Left
[In] rated current	400 A at 40 °C
Breaking capacity code	F
Network type	AC
Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2 400 V AC 50/60 Hz conforming to GB 14048.2
Breaking capacity	40 kA Icu at 220/240 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA Icu at 380/400 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA Icu at 415 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 40 kA Icu at 220/230 V AC 50/60 Hz conforming to GB 14048.2 35 kA Icu at 380/400 V AC 50/60 Hz conforming to GB 14048.2
Utilisation category	Category A
[Ics] rated service breaking capacity	40 kA at 220/230 V AC 50/60 Hz conforming to GB 14048.2 35 kA at 380/400 V AC 50/60 Hz conforming to GB 14048.2 40 kA at 200/240 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA at 380/400 V AC 50/60 Hz conforming to EN/IEC 60947-2

36 kA at 415 V AC 50/60 Hz conforming to EN/IEC 60947-2  
23 kA at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2

<b>Mechanical durability</b>	15000 cycles conforming to EN/IEC 60947-2 10000 cycles conforming to GB 14048.2
<b>Electrical durability</b>	12000 cycles 415 V In/2 conforming to EN/IEC 60947-2 8000 cycles 400 V In conforming to GB 14048.2
<b>Connection pitch</b>	45 mm
<b>Trip unit name</b>	TM-D
<b>Trip unit technology</b>	Thermal-magnetic
<b>Trip unit rating</b>	400 A at 40 °C
<b>Protection type</b>	Short-circuit protection (magnetic) Overload protection (thermal)
<b>Long time pick-up adjustment type Ir</b>	Fixed
<b>Long time pick-up adjustment range</b>	1 In
<b>Long time delay adjustment type</b>	Fixed
<b>Instantaneous pick-up adjustment type Ii</b>	Fixed
<b>Integral instant protection</b>	4000 kA
<b>Height</b>	255 mm
<b>Width</b>	140 mm
<b>Depth</b>	110 mm
<b>Net weight</b>	6.05 kg

## Environment

<b>Standards</b>	EN 60947-2 IEC 60947-2
<b>IP degree of protection</b>	IP40 conforming to IEC 60529
<b>IK degree of protection</b>	IK07 conforming to IEC 62262
<b>Pollution degree</b>	3 conforming to IEC 60947-1
<b>Ambient air temperature for operation</b>	-35...70 °C
<b>Ambient air temperature for storage</b>	-50...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	4.973 kg
<b>Package 1 Height</b>	15.8 cm
<b>Package 1 width</b>	15.3 cm
<b>Package 1 Length</b>	29 cm
<b>Unit Type of Package 2</b>	CAR
<b>Number of Units in Package 2</b>	3
<b>Package 2 Weight</b>	16.354 kg
<b>Package 2 Height</b>	24 cm
<b>Package 2 width</b>	37.753 cm

Package 2 Length	48.4 cm
Unit Type of Package 3	PAL
Number of Units in Package 3	48
Package 3 Weight	257.4 kg
Package 3 Height	90 cm
Package 3 width	80 cm
Package 3 Length	120 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>