

Product datasheet

Specifications



circuit breaker EasyPact EZC100H - TMD - 32 A - 1 pole 1d

EZC100H1032

Main

Range of product	EasyPact
Product or component type	Circuit breaker
Device short name	EasyPact EZC100H
Circuit breaker name	EasyPact EZC100H
Device application	Distribution
poles description	1P
Protected poles description	1t
network type	AC DC
network frequency	50/60 Hz
[In] rated current	32 A at 40 °C
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
[Ue] rated operational voltage	125 V DC conforming to IEC 60947-2 415 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	H
Breaking capacity	10 kA Icu at 125 V DC 1P conforming to IEC 60947-2 25 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 5 kA Icu at 380...400 V AC 50/60 Hz conforming to IEC 60947-2 5 kA Icu at 415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	5 kA at 125 V DC conforming to IEC 60947-2 12.5 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA at 380...400 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA at 415 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	32 A at 50 °C
Protection type	Overload protection Short-circuit protection
Pollution degree	3 conforming to IEC 60947

Complementary

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Control type	Toggle
mounting mode	Fixed
mounting support	Backplate
Upside connection	Front
downside connection	Front
Mechanical durability	13000 cycles
Electrical durability	Category A: 4000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2
Connection pitch	25 mm
local signalling	Positive contact indication
Neutral protection setting	Without protection
Earth-leakage protection	Without
Height	130 mm
Width	25 mm
Depth	60 mm

Environment

Standards	EN/IEC 60947-2 JIS C8201-2-2 EN/IEC 60947-1 GB/T 14048.2
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-35...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.1 cm
Package 1 Width	9.5 cm
Package 1 Length	14.0 cm
Package 1 Weight	338.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	32
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	11.199 kg
Unit Type of Package 3	S03
Number of Units in Package 3	64
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm

Package 3 Length	40.0 cm
Package 3 Weight	22.759 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

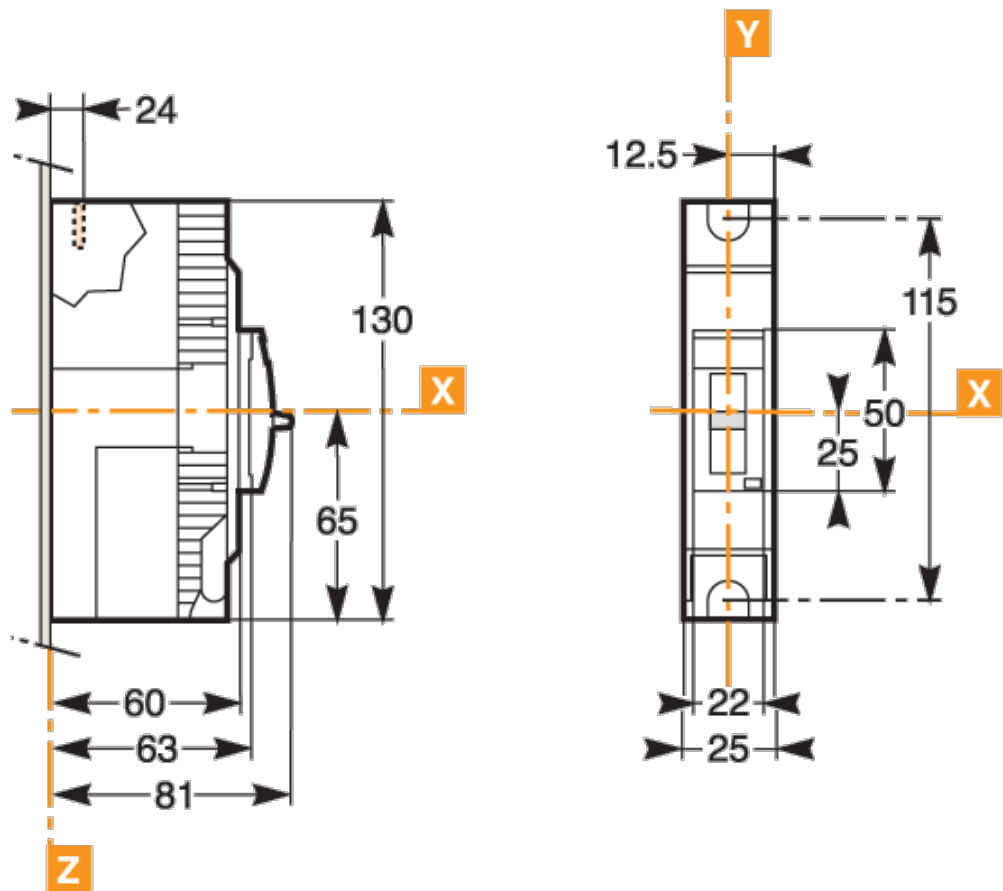
Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes

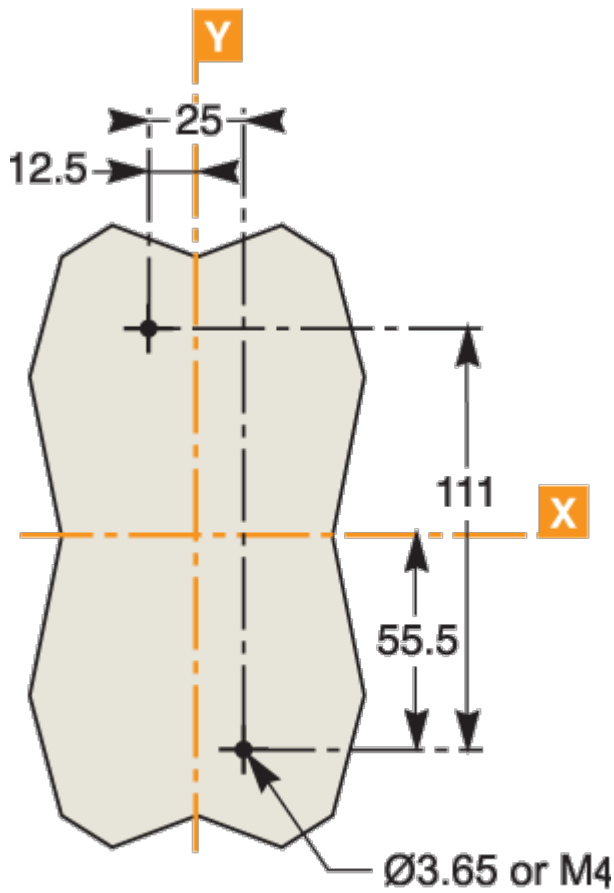
Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations

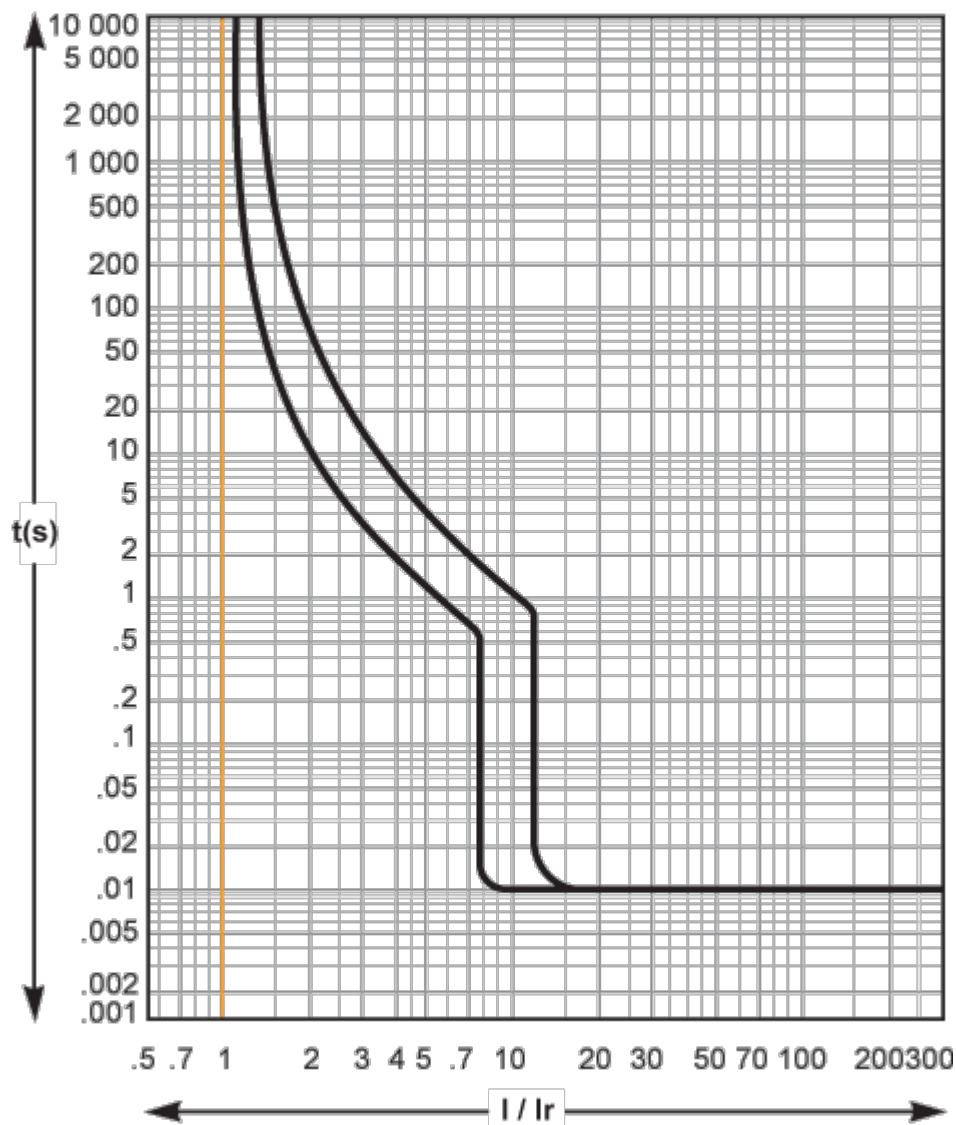
Dimensions Drawings



Assembly



Performance Curves



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Circuit breaker thermal-magnetic
塑料外壳式断路器
Interruptor termomagnético
Disjuntor termomagnético
автоматический выключатель
термомагнитный

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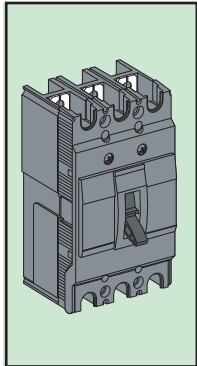
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HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E, CSA Z462 or local equivalent.
 - This equipment must only be installed and serviced by qualified electrical personnel.
 - Turn off all power supplying this equipment before working on or inside equipment. Lock the switchgear in the isolated position.
 - Always use a properly rated voltage sensing device to confirm power is off.
 - Install safety barriers and display a danger sign.
 - Replace all devices, doors, and covers before turning on power to this equipment.
- Failure to follow these instructions will result in death or serious injury.**

电击、爆炸或电弧闪光危险

- 采用适当的个人防护设备 (PPE) 并遵循电气作业安全守则。请参阅 NFPA 70E, CSA Z462 或当地对应的标准。
 - 只有具备相应资质的电气人员才能安装和维修该设备。
 - 在该设备表面或内部工作之前, 请关闭设备的全部电源。将开关锁定在隔离位置。
 - 确保使用合适的额定电压传感器确认电源已关闭。
 - 安装安全栅并显示危险标志。
 - 更换所有设备、门和盖, 然后再打开该设备的电源。
- 不遵循上述说明将导致人员伤亡。

PELIGRO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O ARCO ELÉCTRICO

- Utilice el equipo de protección personal (PPE) adecuado y siga las recomendaciones para el trabajo seguro con dispositivos eléctricos. Consulte NFPA 70E, CSA Z462 o la norma local equivalente.
 - Solo el personal de electricidad cualificado podrá instalar, programar y realizar el mantenimiento del equipo.
 - Desconecte toda la alimentación de este equipo antes de trabajar en él o en su interior. Bloquee la apartamenta eléctrica en la posición de aislamiento.
 - Utilice siempre un dispositivo de detección de tensión de capacidad adecuada para confirmar la ausencia de alimentación eléctrica.
 - Instale barreras de seguridad y coloque un cartel de peligro.
 - Vuelva a colocar todos los dispositivos, las puertas y las tapas antes de conectar la alimentación de este equipo.
- Si no se siguen estas instrucciones provocará lesiones graves o incluso la muerte.**
- ## RISCO DE ELECTROCUSSÃO, DE EXPLOÇÃO, OU DE ARCO ELÉCTRICO
- Utilize equipamento de protecção pessoal (PPE) e siga os métodos de segurança eléctrica. Consulte NFPA 70E, CSA Z462 ou o equivalente local.
 - A instalação e manutenção deste equipamento só devem ser efectuadas por electricistas qualificados.
 - Desligue todas as fontes de alimentação deste equipamento antes de trabalhar no equipamento ou no seu interior. Bloquee a placa de distribuição na posição isolada.
 - Utilize sempre um dispositivo de detecção da tensão nominal adequada para confirmar se a alimentação está desligada.
 - Instale barreiras de segurança e apresente um sinal de perigo.
 - Substitua todos os dispositivos, portas e tampas antes de ligar a alimentação deste equipamento.
- A não observância destas instruções resultará em morte, ou ferimentos graves.**

ОПАСНОСТЬ ПОРАЖЕНИЯ ЭЛЕКТРИЧЕСКИМ ТОКОМ, ВЗРЫВА ИЛИ ВСПЫШКИДУГИ

- Используйте подходящие средства индивидуальной защиты (СИЗ) и соблюдайте технику безопасности при электротехнических работах. См. NFPA 70E, CSA Z462 или местный эквивалентный стандарт.
 - Данное оборудование могут устанавливать и обслуживать только квалифицированные электрики.
 - Отключите питание до начала работы снаружи или внутри оборудования. Переведите переключатель в изолированное положение.
 - Всегда пользуйтесь надлежащим датчиком номинального напряжения для определения отсутствия питания.
 - Установите защитные ограждения и знак опасности.
 - Установите обратно все устройства, дверцы и крышки перед включением питания данного оборудования.
- Несоблюдение этих инструкций приведет к смерти или серьезной травме.**

The product's manufacture date is coded PP-YYYY-Www-D, where:
● PP: plant code
● YYYY: year of manufacture
● Www: week of manufacture
● D: weekday of manufacture (Monday = 2)
Eg: TH-2014-W19-4 = product manufactured at plant TH on Wednesday 7 May 2014

A data de fabrico do produto está sob a forma de código PP-YYYY-Www-D, onde:
● PP: código da fábrica
● YYYY: ano de fabrico
● Www: semana de fabrico
● D: dia da semana de fabrico (Segunda-feira = 2)
Ex: TH-2014-W19-4 = produto fabricado na fábrica TH na Quarta-feira 7 de Maio de 2014.

产品制造日期采用如下代码 PP-YYYY-Www-D, 其中:
● PP: 工厂代码
● YYYY: 制造年份
● Www: 第几周制造
● D: 星期几制造 (星期一 = 2)
例如:
TH-2014-W19-4 = 产品于 2014 年 5 月 7 日星期三在 TH 工厂制造。

La fecha de fabricación del producto está codificada PP-YYYY-Www-D, donde:
● PP: código de la planta
● YYYY: año de fabricación
● Www: semana de fabricación
● D: día de la semana de fabricación (lunes = 2)
Ej: TH-2014-W19-4 = producto fabricado en la planta TH el miércoles 7 de mayo de 2014.

Дата производства продукта закодирована в формате PP-YYYY-Www-D, где:
● PP: код завода
● YYYY: год производства
● Www: неделя производства
● D: день недели, когда был произведен продукт (понедельник = 2)
Пример.
TH-2014-W19-4 = продукт произведен на заводе TH в среду, 7 мая 2014 года.

PLEASE NOTE

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

TENGA EN CUENTA

La instalación, manejo, puesta en servicio y mantenimiento de equipos eléctricos deberán ser realizados sólo por personal cualificado. Schneider Electric no se hace responsable de ninguna de las consecuencias del uso de este material.

请注意电气设备的安装、操作、维修和维护工作仅限于合格人员执行。Schneider Electric不承担由于使用本资料所引起的任何后果。

NOTA

A instalação, utilização e manutenção do equipamento eléctrico devem ser efectuadas exclusivamente por pessoal qualificado. A Schneider Electric não assume qualquer responsabilidade pelas consequências resultantes da utilização deste material.

ОБРАТИТЕ ВНИМАНИЕ

Установка, эксплуатация, ремонт и обслуживание электрического оборудования может выполняться только квалифицированными электриками. Компания Schneider Electric не несет никакой ответственности за любые возможные последствия использования данной документации.

≤ 50A			
> 50A			
M4 x 60			
Philips n°1, 2 or slotted screwdriver			

