Product data sheet Characteristics

EZC400N3300

circuit breaker Easypact EZC400N - TMD - 300 A - 3 poles 3d



Main

Product or component type Device short name Easypact EZC400N Circuit breaker name Easypact EZC400N Device application Distribution Poles description 3P Protected poles description Network type AC DC Network frequency Sol/60 Hz [In] rated current 400 A at 40 °C [Ui] rated impulse withstand voltage 690 V AC 50/60 Hz conforming to IEC 60947-2 [Uimp] rated impulse withstand voltage 8 KV conforming to IEC 60947-2 [Uimp] rated operational voltage 8 KV conforming to IEC 60947-2 Freaking capacity code N Breaking capacity 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 340 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 340 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 340 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 340 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 340 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 340 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 340 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 340 V AC 50/60 Hz conforming to IEC 60947-2 37 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 340 V AC 50/60 Hz conforming to IEC 60947-2	Range of product	EasyPact
Circuit breaker name Easypact EZC400N Device application Distribution Poles description 3P Protected poles description 3t Network type AC DC Network frequency 50/60 Hz [In] rated current 400 A at 40 °C [Ui] rated insulation voltage 690 V AC 50/60 Hz conforming to IEC 60947-2 [Uimp] rated impulse withstand voltage 8 KV conforming to IEC 60947-2 [Ue] rated operational voltage 250 V DC conforming to IEC 60947-2 Heaking capacity code N Breaking capacity 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 V AC 50/60 Hz conforming to IEC 60947-2 40 V AC 50/60 Hz conforming to IEC 60947-2 40 V AC 50/60 Hz conforming to IEC 60947-2 40 V AC 50/60 Hz conforming to IEC 60947-2 40 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 37 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 V AC 50/60 Hz conforming	Product or component type	Circuit breaker
Device application Poles description 3P Protected poles description 3t Network type AC DC Network frequency 50/60 Hz [In] rated current 400 A at 40 °C [Ui] rated insulation voltage 690 V AC 50/60 Hz conforming to IEC 60947-2 [Uimp] rated impulse withstand voltage 8 KV conforming to IEC 60947-2 [Ue] rated operational voltage 250 V DC conforming to IEC 60947-2 [Ue] rated operational voltage 7 Sereaking capacity code 8 KV conforming to IEC 60947-2 10 Freaking capacity 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 4380 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 4380 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 21 KA at 440/415 V AC 50/60 Hz conforming to IEC 60947-2 21 KA at 440/415 V AC 50/60 Hz conforming to IEC 60947-2 22 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 38 KA at 440/415 V AC 50/60 Hz conforming to IEC 60947-2 39 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2	Device short name	Easypact EZC400N
Poles description 3P	Circuit breaker name	Easypact EZC400N
Protected poles description 3t	Device application	Distribution
Network type AC DC Network frequency 50/60 Hz [In] rated current 400 A at 40 °C [Ui] rated insulation voltage 690 V AC 50/60 Hz conforming to IEC 60947-2 [Uimp] rated impulse withstand voltage 8 KV conforming to IEC 60947-2 440 V AC 50/60 Hz conforming to IEC 60947-2 Breaking capacity code N Breaking capacity 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 400 V AC 50/60 Hz conforming to IEC 60947-2 37 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 38 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 39 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 30 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 30 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 30 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 30 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 40 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 41 KA at 400 V AC 50/60 Hz conforming to IEC 60947-2 42 KA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 43 KA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 44 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 45 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 46 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 47 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 48 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 48 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 48 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 48 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 48 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 48 KA ICU at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 48 KA ICU at 400/415 V AC 50/	Poles description	3P
Network frequency 50/60 Hz	Protected poles description	3t
Image: Part	Network type	
[Uij rated insulation voltage 690 V AC 50/60 Hz conforming to IEC 60947-2 [Uimp] rated impulse withstand voltage 250 V DC conforming to IEC 60947-2 [Ue] rated operational voltage 250 V DC conforming to IEC 60947-2 Breaking capacity code N Breaking capacity 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 400/415 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 300 A at 50 °C Protection type Short-circuit protection Overload protection	Network frequency	50/60 Hz
[Uimp] rated impulse withstand voltage [Ue] rated operational voltage 250 V DC conforming to IEC 60947-2 440 V AC 50/60 Hz conforming to IEC 60947-2 Breaking capacity code N Breaking capacity 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 21 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 22 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 23 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 400/415 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 300 A at 50 °C Protection type Short-circuit protection Overload protection	[In] rated current	400 A at 40 °C
[Ue] rated operational voltage 250 V DC conforming to IEC 60947-2 440 V AC 50/60 Hz conforming to IEC 60947-2 Breaking capacity code N Breaking capacity 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 400/415 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 300 A at 50 °C Protection type Short-circuit protection Overload protection	[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code N Breaking capacity 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 [Ics] rated service breaking capacity 18 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 4400/415 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 4400/415 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 300 A at 50 °C Protection type Short-circuit protection Overload protection	[Uimp] rated impulse withstand voltage	8 KV conforming to IEC 60947-2
Breaking capacity 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 [Ics] rated service breaking capacity 18 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 400/415 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 rating 300 A at 50 °C Protection type Short-circuit protection Overload protection	[Ue] rated operational voltage	
40 KA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 [Ics] rated service breaking capacity 18 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 Utilisation category Category A Trip unit name TM-D Trip unit technology Thermal-magnetic Trip unit rating 300 A at 50 °C Protection type Short-circuit protection Overload protection	Breaking capacity code	N
20 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 400/415 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 300 A at 50 °C Protection type Short-circuit protection Overload protection	Breaking capacity	40 KA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2
Utilisation category Category A Trip unit name TM-D Trip unit technology Thermal-magnetic Trip unit rating 300 A at 50 °C Protection type Short-circuit protection Overload protection	[Ics] rated service breaking capacity	20 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit name TM-D Trip unit technology Thermal-magnetic Trip unit rating 300 A at 50 °C Protection type Short-circuit protection Overload protection	Suitability for isolation	Yes conforming to IEC 60947-2
Trip unit technology Thermal-magnetic Trip unit rating 300 A at 50 °C Protection type Short-circuit protection Overload protection	Utilisation category	Category A
Trip unit rating 300 A at 50 °C Protection type Short-circuit protection Overload protection	Trip unit name	TM-D
Protection type Short-circuit protection Overload protection	Trip unit technology	Thermal-magnetic
Overload protection	Trip unit rating	300 A at 50 °C
	Protection type	
Pollution degree 3 conforming to IEC 60947	Pollution degree	3 conforming to IEC 60947

Complementary

Complementary		
Control type	Toggle	
Mounting mode	Fixed	
Mounting support	Backplate	
Upside connection	Front	
Downside connection	Front	
Mechanical durability	4000 Cycles	

Electrical durability	Category A: 1000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2
Connection pitch	44 Mm
Local signalling	Positive contact indication
Contact position indicator	Yes
Magnetic tripping current	3200 A
Neutral protection setting	Without protection
Long time pick-up adjustment type Ir	Fixed
Long time delay adjustment type	Fixed
Earth-leakage protection	Without
Height	255 Mm
Width	185 Mm
Depth	140 Mm
Net weight	6.4 Kg
Quantity per set	1 piece
Colour	Black

Environment

Standards	EN/IEC 60947-2 EN/IEC 60947-1 GB/T 14048.2 JIS C8201-2-2	
IP degree of protection	IP20 conforming to IEC 60529	
IK degree of protection	IK07 conforming to EN 50102	
Ambient air temperature for operation	-2570 °C	
Ambient air temperature for storage	-3585 °C	

Packing Units

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Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	5.196 Kg	
Package 1 Height	18 Cm	
Package 1 width	18.7 Cm	
Package 1 Length	27.5 Cm	

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Product Life Status : Commercialised

