



Lloyd's
Register

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	Schneider Electric Industries SAS 31 Rue Pierre Mendès France 38050 Grenoble Cedex 9 France
DESCRIPTION	Low voltage moulded case circuit breaker 1, 2 and 3 and 4 poles
TYPES	EasyPact EZC ①②③④ ①= Frame size: 100, 250 ②= Breaking Capacity: B, F, H, N ③= Number of poles: 1, 2, 3, 4 ④= Current rating: 15 to 250A
APPLICATION	Marine, Offshore and Industry applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in LR Test Specification No. 1: July 2015.
STANDARD	EN 60947-2:2006 + A2:2013
Certificate No.	18/20051
Issue Date	23 July 2018
Expiry Date	12 March 2022
Sheet	1 of 5

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS



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RATINGS

Type	Rated current [A]	Operational voltage	Breaking capacity	Utilisation category	
			Icu [kA] / Ics [%]		
	at 40° C	[VAC, 50/60 Hz]	for power factor 0.2 / 0.25 (1)		
EZC 100 3 pole	B	15 -60	110 - 130	10 / 25	A
			220 - 240	10 / 25	
			380	7.5 / 25	
			415	7.5 / 25	
			440	5 / 25	
			550	2.5 / 25	
EZC 100 3 pole	F	15 -100	110 - 130	25 / 50	A
			220 - 240	25 / 50	
			380	10 / 50	
			415	10 / 50	
			440	7.5 / 50	
EZC 100 1 pole	N	15 -100	110 - 130	25 / 50	A
			220 - 240	18 / 50	
			380	2.5 / 50	
			415	2.5 / 50	
EZC 100 3, 4 pole	N	15 -100	110 - 130	25 / 50	A
			220 - 240	25 / 50	
			380	18 / 50	
			415	15 / 50	
			440	10 / 50	
			550	5 / 50	

(1) for I > 50 kA = 0.2 , I ≤ 50 kA = 0.25

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RATINGS continued

Type	Rated current [A]	Operational voltage	Breaking capacity Icu [kA] / Ics [%]	Utilisation category
	at 40° C	[VAC, 50/60 Hz]	for power factor 0.2 / 0.25 ⁽¹⁾	
EZC 100 1 pole H	15 -100	110 - 130	50 / 50	A
		220 - 240	25 / 50	
		380	5 / 50	
		415	5 / 50	
EZC 100 2 pole H	15 -100	110 - 130	100 / 50	A
		220 - 240	100 / 50	
		380	30 / 50	
		415	30 / 25	
		440	20 / 25	
		550	10 / 25	
EZC 100 3, 4 pole H	15 -100	110 - 130	100 / 50	A
		220 - 240	100 / 50	
		380	30 / 50	
		415	30 / 25	
		440	20 / 25	
		550	10 / 25	

⁽¹⁾ for $I > 50 \text{ kA} = 0.2$, $I \leq 50 \text{ kA} = 0.25$

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RATINGS continued

Type	Rated current [A]	Operational voltage	Breaking capacity Icu [kA] / Ics [%]	Utilisation category
	at 25° C	[VAC, 50/60 Hz]	for power factor 0.2 / 0.25 ⁽¹⁾	
EZC 250 3 pole F	100 -250	230	25 / 50	A
		400	18 / 50	
EZC 250 3 pole N	100 -250	230	50 / 50	A
		400	25 / 50	
EZC 100 3, 4 pole H	100 -250	230	85 / 50	A
		400	36 / 50	

Type	Rated current [A]	Operational voltage	Breaking capacity	Type
	at 25° C	VDC	Icu [kA] / Ics [%]	A
EZC 100 1, 2 pole F, N	15 -100	125	5 / 50	A
		250	5 / 50	
EZC 100 1, 2 pole H	15 -100	125	10 / 50	A
		250	10 / 50	
		400	36 / 50	

⁽¹⁾ for I > 50 kA = 0.2 , I ≤ 50 kA = 0.25

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OTHER CONDITIONS	Derating for ambient temperature above 40°C according to manufacturer's derating table.
PLACE OF PRODUCTION	Schneider Electric Thailand Co Ltd. ⁽¹⁾ 540 Soi 9 Bangpoo Industrial Estate, Sukhumvit Road, Muang, 10280 Samutprakarn Thailand Fuji Electric Dalian Co., Ltd ⁽²⁾ No.3, the Third Street of Northeast Dalian Economic & Technological Development Zone 116600 Dalian China

⁽¹⁾ For EZC 100 types only
⁽²⁾ For EZC 250 types only

The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

The Design Appraisal Document No. HTS/ETS 37152-18 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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