



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 35 rue Joseph Monier – CS-30323 92506 Rueil-Malmaison France
DESCRIPTION	Moulded case circuit breaker 3 and 4 poles, fixed and draw out type
TYPES	EasyPact ^{①②③} ①=Product series: CVS= moulded case circuit breaker Vigi CVS= moulded case circuit breaker with residual current module ②= Current ratings: 100=100A 160= 160A 250= 250A 400= 400A 630= 630A ③= Breaking capacity: Moulded case circuit breaker: B, F, N, H

Certificate No.	19/20057
Issue Date	12 September 2019
Expiry Date	11 September 2024
Sheet	1 of 8

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



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APPLICATION Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2 and ENV3 (for use in general power distribution zone) as defined in LR Test Specification No. 1: May 2018

STANDARD IEC 60947-1:2007 + A1:2010 + A2:2014
IEC 60947-2:2016

RATINGS Moulded case circuit breakers EasyPact CVS 2.5 to 250 A

Type	Trip unit	Rated current [A]	Operational voltage	Breaking capacity I _{cu} [kA] / I _{cs} kA]	Utilisation category
		at 40° C	[VAC, 50/60 Hz]	for power factor 0.2/0.25/0.3 ⁽¹⁾	
CVS100 B	TMD	16-100	220/240 380/415 440	40 / 40 25 / 25 20 / 15	A
CVS160 B	TMD	100 - 160	220/240 380/415 440	40 / 40 25 / 25 20 / 15	A
CVS250 B	TMD	200/250	220/240 380/415 440	40 / 40 25 / 25 20 / 15	A
CVS100 F	TMD	16-100	220/240 380/415 440	70 / 70	A
	MA	2.5-100		36 / 36 36 / 18	
CVS160 F	TMD	100 - 160	220/240 380/415 440	70 / 70	A
	MA	100/150		36 / 36 36 / 18	
CVS250 F	TMD	200/250	220/240 380/415 440	70 / 70	A
	MA	220		36 / 36 36 / 18	

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LR031.1.2016.06

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RATINGS continued

Moulded case circuit breakers EasyPact CVS 2.5 to 250 A

Type	Trip unit	Rated current [A]	Operational voltage	Breaking capacity	Utilisation category
				I _{cu} [kA] / I _{cs} kA	
		at 40° C	[VAC, 50/60 Hz]	for power factor 0.2/0.25/0.3 ⁽¹⁾	
CVS100 N	TMD	16-100	220/240	90 / 90	A
	MA	2.5-100	380/415 440	50 / 50 50 / 38	
CVS160 N	TMD	100 - 160	220/240	90 / 90	A
	MA	100/150	380/415 440	50 / 50 50 / 38	
CVS250 N	TMD	200/250	220/240	90 / 90	A
	MA	220	380/415 440	50 / 50 50 / 38	
CVS100 H	TMD	16-100	220/240	100 / 100	A
	MA	2.5-100	380/415 440	70 / 70 65 / 49	
CVS160 H	TMD	100 - 160	220/240	100 / 100	A
	MA	100/150	380/415 440	70 / 70 65 / 49	
CVS250 H	TMD	200/250	220/240	100 / 100	A
	MA	220	380/415 440	70 / 70 65 / 49	

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RATINGS continued

Moulded case circuit breakers EasyPact CVS 320 to 630 A

Type	Trip unit	Rated current [A]	Operational voltage	Breaking capacity	Utilisation category	
				I _{cu} [kA] / I _{cs} kA		
		at 40° C	[VAC, 50/60 Hz]	for power factor 0.2/0.25/0.3 ⁽¹⁾		
CVS400	F	TMD	320/400	220/240	40 / 40	A
		MA	320	380/415	36 / 36	
		ETS2.3	400	440	30 / 23	
CVS630	F	TMD	500/600	220/240	40 / 40	A
		MA	500	380/415	36 / 36	
		ETS2.3	630	440	30 / 23	
CVS400	N	TMD	320/400	220/240	70 / 70	A
		MA	320	380/415	50 / 50	
		ETS2.3	400	440	42 / 32	
CVS630	N	TMD	500/600	220/240	70 / 70	A
		MA	500	380/415	50 / 50	
		ETS2.3	630	440	42 / 32	
CVS400	H	TMD	320/400	220/240	100 / 100	A
		MA	320	380/415	70 / 70	
		ETS2.3	400	440	65 / 49	
CVS630	H	TMD	500/600	220/240	100 / 100	A
		MA	500	380/415	70 / 70	
		ETS2.3	630	440	65 / 49	

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RATINGS continued

Moulded case circuit breakers with residual current module
EasyPact Vigi CVS 25 to 250 A

Type	Rated current [A]	Operational voltage	Breaking capacity I_{cu} [kA] / I_{cs} kA]	Rated residual operating current	RCD Type
Vigi	at 40° C	[VAC, 50/60 Hz]	for power factor 0.2/0.25/0.3 ⁽¹⁾	$I\Delta n$ [A]	
CVS100 B	25 - 100	220/240 380/415 440	40 / 40 25 / 25 20 / 15	0.1 - 0.5	AC
CVS160 B	100 - 160	220/240 380/415 440	40 / 40 25 / 25 20 / 15	0.1 - 0.5	AC
CVS250 B	200/250	220/240 380/415 440	40 / 40 25 / 25 20 / 15	0.1 - 0.5	AC
CVS100 F	25 - 100	220/240 380/415 440	70 / 70 36 / 36 36 / 18	0.1 - 0.5	AC
CVS160 F	100 - 160	220/240 380/415 440	70 / 70 36 / 36 36 / 18	0.1 - 0.5	AC
CVS250 F	200/250	220/240 380/415 440	70 / 70 36 / 36 36 / 18	0.1 - 0.5	AC

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RATINGS continued

Moulded case circuit breakers with residual current module
EasyPact Vigi CVS 25 to 250 A

Type	Rated current [A]	Operational voltage	Breaking capacity I_{cu} [kA] / I_{cs} kA]	Rated residual operating current	RCD Type
Vigi	at 40° C	[VAC, 50/60 Hz]	for power factor 0.2/0.25/0.3 ⁽¹⁾	$I\Delta n$ [A]	
CVS100 N	25 - 100	220/240 380/415 440	90 / 90 50 / 50 50 / 38	0.1 - 0.5	AC
CVS160 N	100 - 160	220/240 380/415 440	90 / 90 50 / 50 50 / 38	0.1 - 0.5	AC
CVS250 N	200/250	220/240 380/415 440	90 / 90 50 / 50 50 / 38	0.1 - 0.5	AC
CVS100 H	25 - 100	220/240 380/415 440	100 / 100 70 / 70 65 / 49	0.1 - 0.5	AC
CVS160 H	100 - 160	220/240 380/415 440	100 / 100 70 / 70 65 / 49	0.1 - 0.5	AC
CVS250 H	200/250	220/240 380/415 440	100 / 100 70 / 70 65 / 49	0.1 - 0.5	AC

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RATINGS continued

Moulded case circuit breakers with residual current module
EasyPact Vigi CVS 320 to 600 A

Type	Rated current [A]	Operational voltage	Breaking capacity I_{cu} [kA] / I_{cs} kA]	Rated residual operating current	RCD Type
Vigi	at 40° C	[VAC, 50/60 Hz]	for power factor 0.2/0.25/0.3 ⁽¹⁾	$I\Delta n$ [A]	
CVS400 F	320/400 ⁽²⁾	220/240 380/415	40 / 40 36 / 36 30 / 23	0.3 – 30	A AC
	400 ⁽³⁾	440			
CVS630 F	500/600 ⁽²⁾	220/240 380/415	40 / 40 36 / 36 30 / 23	0.3 – 30	A AC
	630 ⁽³⁾	440			
CVS400 N	320/400 ⁽²⁾	220/240 380/415	70 / 70 50 / 50 42 / 32	0.3 – 30	A AC
	400 ⁽³⁾	440			
CVS630 N	500/600 ⁽²⁾	220/240 380/415	70 / 70 50 / 50 42 / 32	0.3 – 30	A AC
	630 ⁽³⁾	440			
CVS400 H	320/400 ⁽²⁾	220/240 380/415	100 / 100 70 / 70 65 / 49	0.3 – 30	A AC
	400 ⁽³⁾	440			
CVS630 H	500/600 ⁽²⁾	220/240 380/415	100 / 100 70 / 70 65 / 49	0.3 – 30	A AC
	630 ⁽³⁾	440			

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RATINGS continued

- ⁽¹⁾ for $I > 50 \text{ kA} = 0.2, I \leq 50 \text{ kA} = 0.25, I \leq 20 \text{ kA} = 0.3$
- ⁽²⁾ TMD type
- ⁽³⁾ Control unit ETS2.3 : ASIC version: 00020102

OTHER CONDITIONS

Derating for ambient temperature above 40°C according to manufacturer's derating table.

PLACE OF PRODUCTION

Schneider Electric Industries SAS
31 rue Pierre Mendes France – Eybens
38050 Grenoble Cedex9
France

Schneider (Beijing) Medium & Low Voltage Co. Ltd.
No.2 Liang Shui He 2nd Street
Beijing Economic Technological Development Area
100176 Beijing
China

The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rule 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 38766-19 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Part 2

Circuit Breakers (ENV Tested) (Part 2)

Producer/ Licence No.	Type	Standard	Rating				Short Circuit	Category/ Additional Tests	Remarks	Cert. No.	
			Normal Current Amperes	A.C. 50/60/400Hz		D.C.					
				Voltage	Power Factor	Voltage					Time Constant Seconds
Schneider Electric Industries SAS 35 rue Joseph Monier - CS-30323 92506 Rueil- Malmaison France	Moulded Case Circuit Breaker Type EasyPact ①②③ 3poles, 4 poles, fixed mounted, draw out type ①= Product series: CVS= moulded case circuit breaker Vigi CVS= moulded case circuit breaker with residual current module ②= Current ratings: 100=100A 160= 160A 250= 250A 400= 400A 630= 630A	IEC 60947-1:2007 + A1:2010 + A2:2014 IEC 60947-2:2016						ENV1 ENV2 ENV3 (May 2018) (For use in general power distribution zone) Utilisation Category: A Rating: 50/60 Hz applicable only. Derating for ambient temperature above 40°C according to manufacturer's derating table.	Expires: 11 September 2024	19/20057	



Part 2

Circuit Breakers (ENV Tested) (Part 2)

Producer/ Licence No.	Type	Standard	Rating				Short Circuit	Category/ Additional Tests	Remarks	Cert. No.	
			Normal Current Amperes	A.C. 50/60/400Hz		D.C.					
				Voltage	Power Factor	Voltage					Time Constant Seconds
	Ⓢ=Breaking capacity: Moulded case circuit breaker: B, F, N, H		at 40°C								
	CVS100B Trip unit: TMD		16-100	220/240 380/415 440	0.25 0.25 0.3			Icu [kA] / Ics [kA] 40 / 40 25 / 25 20 / 15			
	CVS160B Trip unit: TMD		100-160	220/240 380/415 440	0.25 0.25 0.3			40 / 40 25 / 25 20 / 15			
	CVS250B Trip unit: TMD		200/250	220/240 380/415 440	0.25 0.25 0.3			40 / 40 25 / 25 20 / 15			
	CVS100F Trip unit: TMD		16-100	220/240 380/415 440	0.2 0.25 0.25			70 / 70 36 / 36 36 / 18			
	CVS100F Trip unit: MA		2.5-100	220/240 380/415 440	0.2 0.25 0.25			70 / 70 36 / 36 36 / 18			
	CVS160F Trip unit: TMD		100-160	220/240 380/415 440	0.2 0.25 0.25			70 / 70 36 / 36 36 / 18			
	CVS160F Trip unit: MA		100/150	220/240 380/415 440	0.2 0.25 0.25			70 / 70 36 / 36 36 / 18			
	CVS250F Trip unit: TMD		200/250	220/240 380/415 440	0.2 0.25 0.25			70 / 70 36 / 36 36 / 18			

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Part 2

Circuit Breakers (ENV Tested) (Part 2)

Producer/ Licence No.	Type	Standard	Rating				Short Circuit	Category/ Additional Tests	Remarks	Cert. No.	
			Normal Current Amperes	A.C. 50/60/400Hz		D.C.					
				Voltage	Power Factor	Voltage					Time Constant Seconds
			at 40°C				Icu [kA] / Ics [kA]				
	CVS250F Trip unit: MA		220	220/240 380/415 440	0.2 0.25 0.25		70 / 70 36 / 36 36 / 18				
	CVS400F Trip unit: TMD		320/400	220/240 380/415 440	0.25		40 / 40 36 / 36 30 / 23				
	CVS400F Trip unit: MA		320	220/240 380/415 440	0.25		40 / 40 36 / 36 30 / 23				
	CVS400F Trip unit: ETS2.3		400	220/240 380/415 440	0.25		40 / 40 36 / 36 30 / 23				
	CVS630F Trip unit: TMD		500/600	220/240 380/415 440	0.25		40 / 40 36 / 36 30 / 23				
	CVS630F Trip unit: MA		500	220/240 380/415 440	0.25		40 / 40 36 / 36 30 / 23				
	CVS630F Trip unit: ETS2.3		630	220/240 380/415 440	0.25		40 / 40 36 / 36 30 / 23				
	CVS100N Trip unit: TMD		16-100	220/240 380/415 440	0.2 0.25 0.25		90 / 90 50 / 50 50 / 38				
	CVS100N Trip unit: MA		2.5-100	220/240 380/415 440	0.2 0.25 0.25		90 / 90 50 / 50 50 / 38				
	CVS160N Trip unit: TMD		100-160	220/240 380/415 440	0.2 0.25 0.25		90 / 90 50 / 50 50 / 38				

Part 2

Circuit Breakers (ENV Tested) (Part 2)

Producer/ Licence No.	Type	Standard	Rating				Short Circuit	Category/ Additional Tests	Remarks	Cert. No.	
			Normal Current Amperes	A.C. 50/60/400Hz		D.C.					
				Voltage	Power Factor	Voltage					Time Constant Seconds
			at 40°C				Icu [kA] / Ics [kA]				
	CVS160N Trip unit: MA		100/150	220/240 380/415 440	0.2 0.25 0.25		90 / 90 50 / 50 50 / 38				
	CVS250N Trip unit: TMD		200/250	220/240 380/415 440	0.2 0.25 0.25		90 / 90 50 / 50 50 / 38				
	CVS250N Trip unit: MA		220	220/240 380/415 440	0.2 0.25 0.25		90 / 90 50 / 50 50 / 38				
	CVS400N Trip unit: TMD		320/400	220/240 380/415 440	0.2 0.25 0.25		70 / 70 50 / 50 42 / 32				
	CVS400N Trip unit: MA		320	220/240 380/415 440	0.2 0.25 0.25		70 / 70 50 / 50 42 / 32				
	CVS400N Trip unit: ETS2.3		400	220/240 380/415 440	0.2 0.25 0.25		70 / 70 50 / 50 42 / 32				
	CVS630N Trip unit: TMD		500/600	220/240 380/415 440	0.2 0.25 0.25		70 / 70 50 / 50 42 / 32				
	CVS630N Trip unit: MA		500	220/240 380/415 440	0.2 0.25 0.25		70 / 70 50 / 50 42 / 32				
	CVS630N Trip unit: ETS2.3		630	220/240 380/415 440	0.2 0.25 0.25		70 / 70 50 / 50 42 / 32				
	CVS100H Trip unit: TMD		16-100	220/240 380/415 440	0.2		100 / 100 70 / 70 65 / 49				

Part 2

Circuit Breakers (ENV Tested) (Part 2)

Producer/ Licence No.	Type	Standard	Rating				Short Circuit	Category/ Additional Tests	Remarks	Cert. No.	
			Normal Current Amperes	A.C. 50/60/400Hz		D.C.					
				Voltage	Power Factor	Voltage					Time Constant Seconds
			at 40°C								
	CVS100H Trip unit: MA		2.5-100	220/240 380/415 440	0.2			Icu [kA] / Ics [kA] 100 / 100 70 / 70 65 / 49			
	CVS160H Trip unit: TMD		100-160	220/240 380/415 440	0.2			100 / 100 70 / 70 65 / 49			
	CVS160H Trip unit: MA		100/150	220/240 380/415 440	0.2			100 / 100 70 / 70 65 / 49			
	CVS250H Trip unit: TMD		200/250	220/240 380/415 440	0.2			100 / 100 70 / 70 65 / 49			
	CVS250H Trip unit: MA		220	220/240 380/415 440	0.2			100 / 100 70 / 70 65 / 49			
	CVS400H Trip unit: TMD		320/400	220/240 380/415 440	0.2			100 / 100 70 / 70 65 / 49			
	CVS400H Trip unit: MA		320	220/240 380/415 440	0.2			100 / 100 70 / 70 65 / 49			
	CVS400H Trip unit: ETS2.3		400	220/240 380/415 440	0.2			100 / 100 70 / 70 65 / 49			
	CVS630H Trip unit: TMD		500/600	220/240 380/415 440	0.2			100 / 100 70 / 70 65 / 49			

Part 2

Circuit Breakers (ENV Tested) (Part 2)

Producer/ Licence No.	Type	Standard	Rating				Short Circuit	Category/ Additional Tests	Remarks	Cert. No.	
			Normal Current Amperes	A.C. 50/60/400Hz		D.C.					
				Voltage	Power Factor	Voltage					Time Constant Seconds
			at 40°C				Icu [kA] / Ics [kA]				
	CVS630H Trip unit: MA		500	220/240 380/415 440	0.2		100 / 100 70 / 70 65 / 49				
	CVS630H Trip unit: ETS2.3		630	220/240 380/415 440	0.2		100 / 100 70 / 70 65 / 49	RCD Type			
	Vigi CVS100B Rated residual operating current I _{Δn} [A] 0.1 - 0.5		25-100	220/240 380/415 440	0.25 0.25 0.3		40 / 40 25 / 25 20 / 15	AC			
	Vigi CVS160B Rated residual operating current I _{Δn} [A] 0.1 - 0.5		100-160	220/240 380/415 440	0.25 0.25 0.3		40 / 40 25 / 25 20 / 15	AC			
	Vigi CVS250B Rated residual operating current I _{Δn} [A] 0.1 - 0.5		200/250	220/240 380/415 440	0.25 0.25 0.3		40 / 40 25 / 25 20 / 15	AC			
	Vigi CVS100F Rated residual operating current I _{Δn} [A] 0.1 - 0.5		25-100	220/240 380/415 440	0.2 0.25 0.25		70 / 70 36 / 36 36 / 18	AC			
	Vigi CVS160F Rated residual operating current I _{Δn} [A] 0.1 - 0.5		100-160	220/240 380/415 440	0.2 0.25 0.25		70 / 70 36 / 36 36 / 18	AC			



Part 2

Circuit Breakers (ENV Tested) (Part 2)

Producer/ Licence No.	Type	Standard	Rating				Short Circuit	Category/ Additional Tests	Remarks	Cert. No.	
			Normal Current Amperes	A.C. 50/60/400Hz		D.C.					
				Voltage	Power Factor	Voltage					Time Constant Seconds
			at 40°C				Icu [kA] / Ics [kA]	RCD Type			
	Vigi CVS250F Rated residual operating current I _{Δn} [A] 0.1 - 0.5		200/250	220/240 380/415 440	0.2 0.25 0.25		70 / 70 36 / 36 36 / 18	AC			
	Vigi CVS400F Trip unit: TMD Rated residual operating current I _{Δn} [A] 0.3 - 30		320/400	220/240 380/415 440	0.25		40 / 40 36 / 36 30 / 23	A AC			
	Vigi CVS400F Trip unit: ETS2.3 Rated residual operating current I _{Δn} [A] 0.3 - 30		400	220/240 380/415 440	0.25		40 / 40 36 / 36 30 / 23	A AC			
	Vigi CVS630F Trip unit: TMD Rated residual operating current I _{Δn} [A] 0.3 - 30		500/600	220/240 380/415 440	0.25		40 / 40 36 / 36 30 / 23	A AC			
	Vigi CVS630F Trip unit: ETS2.3 Rated residual operating current I _{Δn} [A] 0.3 - 30		630	220/240 380/415 440	0.25		40 / 40 36 / 36 30 / 23	A AC			
	Vigi CVS100N Rated residual operating current I _{Δn} [A] 0.1 - 0.5		25-100	220/240 380/415 440	0.2 0.25 0.25		90 / 90 50 / 50 50 / 38	AC			
	Vigi CVS160N Rated residual operating current I _{Δn} [A] 0.1 - 0.5		100-160	220/240 380/415 440	0.2 0.25 0.25		90 / 90 50 / 50 50 / 38	AC			

Part 2

Circuit Breakers (ENV Tested) (Part 2)

Producer/ Licence No.	Type	Standard	Rating				Short Circuit	Category/ Additional Tests	Remarks	Cert. No.	
			Normal Current Amperes	A.C. 50/60/400Hz		D.C.					
				Voltage	Power Factor	Voltage					Time Constant Seconds
			at 40°C				Icu [kA] / Ics [kA]	RCD Type			
	Vigi CVS250N Rated residual operating current I _{Δn} [A] 0.1 - 0.5		200/250	220/240 380/415 440	0.2 0.25 0.25		90 / 90 50 / 50 50 / 38	AC			
	Vigi CVS400N Trip unit: TMD Rated residual operating current I _{Δn} [A] 0.3 - 30		320/400	220/240 380/415 440	0.2 0.25 0.25		70 / 70 50 / 50 42 / 32	A AC			
	Vigi CVS400N Trip unit: ETS2.3 Rated residual operating current I _{Δn} [A] 0.3 - 30		400	220/240 380/415 440	0.2 0.25 0.25		70 / 70 50 / 50 42 / 32	A AC			
	Vigi CVS630N Trip unit: TMD Rated residual operating current I _{Δn} [A] 0.3 - 30		500/600	220/240 380/415 440	0.2 0.25 0.25		70 / 70 50 / 50 42 / 32	A AC			
	Vigi CVS630N Trip unit: ETS2.3 Rated residual operating current I _{Δn} [A] 0.3 - 30		630	220/240 380/415 440	0.2 0.25 0.25		70 / 70 50 / 50 42 / 32	A AC			
	Vigi CVS100H Rated residual operating current I _{Δn} [A] 0.1 - 0.5		25-100	220/240 380/415 440	0.2		100 / 100 70 / 70 65 / 49	AC			
	Vigi CVS160H Rated residual operating current I _{Δn} [A] 0.1 - 0.5		100-160	220/240 380/415 440	0.2		100 / 100 70 / 70 65 / 49	AC			

Part 2

Circuit Breakers (ENV Tested) (Part 2)

Producer/ Licence No.	Type	Standard	Rating				Short Circuit	Category/ Additional Tests	Remarks	Cert. No.	
			Normal Current Amperes	A.C. 50/60/400Hz		D.C.					
				Voltage	Power Factor	Voltage					Time Constant Seconds
			at 40°C				Icu [kA] / Ics [kA]	RCD Type			
	Vigi CVS250H Rated residual operating current I _{Δn} [A] 0.1 - 0.5		200/250	220/240 380/415 440	0.2		100 / 100 70 / 70 65 / 49	AC			
	Vigi CVS400H Trip unit: TMD Rated residual operating current I _{Δn} [A] 0.3 - 30		320/400	220/240 380/415 440	0.2		100 / 100 70 / 70 65 / 49	A AC			
	Vigi CVS400H Trip unit: ETS2.3 Rated residual operating current I _{Δn} [A] 0.3 - 30		400	220/240 380/415 440	0.2		100 / 100 70 / 70 65 / 49	A AC			
	Vigi CVS630H Trip unit: TMD Rated residual operating current I _{Δn} [A] 0.3 - 30		500/600	220/240 380/415 440	0.2		100 / 100 70 / 70 65 / 49	A AC			
	Vigi CVS630H Trip unit: ETS2.3 Rated residual operating current I _{Δn} [A] 0.3 - 30		630	220/240 380/415 440	0.2		100 / 100 70 / 70 65 / 49	A AC			
	ETS2.3 control unit version: ASIC version: 00020102										



Design Appraisal Document

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Date
12 September 2019

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**THE LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2017
ISSUED TO: SCHNEIDER ELECTRIC INDUSTRIES SAS
FOR: MOULDED CASE CIRCUIT BREAKER 3 AND 4 POLES, FIXED AND DRAW OUT TYPE
EASYPACT CVS100-630, B,F,N,H SERIES; VIGI CVS100-630, B,F,N,H
TYPE APPROVAL CERTIFICATE NO. 19/20057**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register's Type Approval System Procedure TA14 and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Form (2016.10)	Application Checklist-Appendix to Form 2502TA/2502TA MR	14.11.2018
Form 2502TA(2018.08)	Request for Marine Services	20.01.2019
PRJ1109989007-1	Production Quality Assessment, Schneider Beijing, Beijing, China, 2 pages	26.04.2019
CNBJ195538-3-UK	ISO 9001:2015 Certificate, Version 1, 2 pages	26.07.2017
CNBJ195539-3-UK	ISO 14001:2015 Certificate, Version 1, 2 pages	26.07.2017
OH-HK-10077-3- Unnumbered	OHSAS 18001:2007 Certificate, Version 1, 2 pages	26.07.2017
Unnumbered	Company Profile Schneider Beijing, 2 pages	undated
Unnumbered	EasyPact CVS100/160/250 Descriptive, 38 pages	06.2018
Unnumbered	EasyPact CVS400/630 Descriptive, 40 pages	06.2018
FR703659	CB Certificate CVS100-250B-F-TMD, 2 pages	21.08.2018
FR703662	CB Certificate CVS100-250H-TMD, 2 pages	27.08.2018
FR703748	CB Certificate CVS100-250N-TMD, 2 pages	27.08.2018
FR703651	CB Certificate VigiCVS100-250B-F, 2 pages	22.08.2018
FR703750	CB Certificate VigiCVS100-250N-H, 2 pages	27.08.2018

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APPROVAL DOCUMENTATION continued

FR703731	CB Certificate CVS400-630F-N-TMD(40/50°C)-ETS2.3-MA, 2 pages	06.09.2018
FR703710	CB Certificate CVS400-630H, 2 pages	06.09.2018
703709	CB Certificate VigiCVS400-630F-N, 2 pages	06.09.2018
703711	CB Certificate VigiCVS400-630H, 2 pages	07.09.2018
LVED210011EN	Catalogue Easyfact CVS 2016, Ind. 1, 122 pages	05.08.2016

TEST REPORTS

3302407.50	Test Report IEC 60947-2, CVS100-250-B-F-TMD, 78 pages	20.02.2012
3302407.51	Test Report IEC 60947-2, CVS100-250B-F-TMD-Vigi, 228 pages	20.02.2012
3303614.50	Test Report IEC 60947-2, CVS100-250-B-F-TMD, 50°C, 67 pages	12.09.2012
1811990007	Test Report IEC 60947-2, CVS100-250B-F-TMD, 40/50°C, 81 pages	24.07.2018
160119940002 Amd.No.1	Test Report IEC 60947-2, CVS100-250B-F-TMD, 40/50°C, 14 pages	28.06.2016
1811990009	Test Report IEC 60947-2, CVS100-250H-TMD, 37 pages EMC Test Report, 143 pages	24.07.2018 10.11.2017
3304174.50	Test Report IEC 60947-2, CVS100-250N-TMD, 154 pages	18.02.2013
1811990008	Test Report IEC 60947-2, CVS100-250N-TMD, 67 pages	24.07.2018
160119940004 Amd.No.1	Test Report IEC 60947-2, CVS100-250N-TMD, 15 pages	28.06.2016
1811990012	Test Report IEC 60947-2, VigiCVS100-250B-F-TMD, 24 pages	20.07.2018
160119940001-00	Test Report IEC 60947-2, VigiCVS100-250B-F-TMD, 11 pages	30.05.2016
160119940001-01	Test Report IEC 60947-2, VigiCVS100-250B-F-TMD, 14 pages	30.05.2016
160119940001-02	Test Report IEC 60947-2, VigiCVS100-250B-F-TMD, 35 pages	30.05.2016
160119940001-03	Test Report IEC 60947-2, VigiCVS100-250B-F-TMD, 35 pages	30.05.2016
1811990013	Test Report IEC 60947-2, VigiCVS100-250N-H, 134 pages	21.07.2018

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TEST REPORTS continued

3302408.50	Test Report IEC 60947-2, CVS400-630F-N-TMD-ETS2.3, 503 pages	20.03.2012
3302408.51	Test Report IEC 60947-2, CVS400-630F-N-TMD+ETS2.3, 149 pages	30.03.2012
3303613.50	Test Report IEC 60947-2, CVS400-630F-NTMD-50°C, 62 pages	12.09.2012
1711990019	Test Report IEC 60947-2, CVS400-630-F-N-TMD (40/50°C)-ETS2.3, 145 pages	11.12.2017
1811990010	Test Report IEC 60947-2, CVS400-630F-N-TMD (40/50°C -ETS2.3-MA, 74 pages	25.07.2018
160119940006 Amd.-No.1	Test Report IEC 60947-2, CVS400-630F-N-TMD (40/50°C)-ETS2.3, 16 pages	28.06.2016
1811990011	Test Report IEC 60947-2, CVS400-630-H, 76 pages	22.07.2018
3302408.51	Test Report IEC 60947-2, VigiCVS400-630F-N-TMD-ETS2.3, 149 pages	20.03.2012
1811990014	Test Report IEC 60947-2, VigiCVS400-630F-N-TMD-ETS2.3, 31 pages	20.07.2018
160119940005-00	Test Report IEC 60947-2, VigiCVS400-630F-N-TMD-ETS2.3, 11 pages	06.06.2016
160119940005-01	Test Report IEC 60947-2, VigiCVS400-630F-N-TMD-ETS2.3, 15 pages	06.06.2016
160119940005-02	Test Report IEC 60947-2, VigiCVS400-630F-N-TMD-ETS2.3, 47 pages	06.06.2016
160119940005-03	Test Report IEC 60947-2, VigiCVS400-630F-N-TMD-ETS2.3, 10 pages	06.06.2016
160119940005-04	Test Report IEC 60947-2, VigiCVS400-630F-N-TMD-ETS2.3, 41 pages	06.06.2016
1811990015	Test Report IEC 60947-2, Vigi-CVS400-630-H, 153 pages	23.07.2018
1811990016	Environnemental/ EMC Test Report, CVS100-250, 26 pages	26.07.2018
1811990017	Environnemental/ EMC Test Report, CVS400-630, 32 pages	26.07.2018



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