



America

CERTIFICATE

No. U10 023217 0006 Rev. 00

Holder of Certificate: Paul Vahle GmbH & Co.KG

Westicker Str. 52
59174 Kamen
GERMANY

Certification Mark:



C US

Product:

**Control Equipment
(for industrial automation systems)**

**Tested
according to:**

UL 61010-1:2012/R:2024-11
CSA C22.2 No. 61010-1:2012/U4:2024-11
UL 61010-2-201:2018/R:2022-08
CSA C22.2 No. 61010-2-201:2018

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. The certificate holder shall not transfer this certificate to third parties. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing, Certification, Validation and Verification Regulations (TCVVR)". For Canadian standards TÜV SÜD America Inc. is accredited by the Standards Council of Canada to ISO/IEC 17065.

Test report no.: 713348570

Date, 2026-01-20

Siemon

(Thorsten Siemon)

ZERTIFIKAT ◆ CERTIFICATE ◆ CERTIFICADO ◆ CERTIFICAT ◆ 認 證 證 書 ◆



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Model(s): VCSx - AA - B C - D EEE F G - H III J K - L M
N O P - Q - RRR

Brand Name(s): Vahle



Parameters: see next page

Conditions of Acceptability:

- This equipment is for indoor use in non-hazardous locations, operated by qualified personnel skilled in its use.
- A suitable disconnect device (circuit breaker acc. to IEC 60947-2 or switch acc. to IEC 60947-3) shall installed in end use application.
- The connecting cable for the power supply must have a minimum cross-section of 14 AWG and must be able to handle a current of 20 A continuously.



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Parameters:

Input voltage and frequency:
400 VAC ±10 % at 50 Hz or 480 VAC ±10 % at 60 Hz
Input power:
depending on configuration

Nomenclature:

VCSx - ST A E - L 075 V 1 - L 075 V 1 - 1 1 1 0 E - S - 001
VCSx - AA B C - D EEE F G - H III J K - L M N O P - Q - RRR

	Product identifier
	VCSx Vahle multi-axis control
AA	Communication variant
	ST Standard (SMGM)
	SR VSR safety relay (PCB)
	SA SAFE PROFIsafe (SMGM)
B	Supply (voltage type)
	A Alternating voltage AC, 3-phase
	D Direct voltage DC
C	Motor protection
	E External (built internally, operated externally)
	X Unavailable
D	Safety option for Axis 1
	L CSL (large)
	W CSO (without)
	X Unavailable
EEE	Axis 1 (Power frequency inverter)
	075 0.75 kW
	150 1.50 kW
	220 2.20 kW
	300 3.00 kW
	400 4.00 kW
	550 5.50 kW
	750 7.50 kW



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- F Brake Axis 1
V Vahle brake switch - 2 outputs
v Vahle brake switch - 1 output
S SEW brake switch - 2 outputs
s SEW brake switch - 1 output
F SEW brake switch fail safe - 2 outputs
f SEW brake switch fail safe - 1 output
X No brake
- G Brake resistance of Axis 1
1 Internal brake resistance
2 external brake resistance
3 internal & external brake resistance
- H Safety option for Axis 2
L CSL (large)
W CSO (without)
X Unavailable
- III Axis 2 (Power frequency inverter)
075 0.75 kW
150 1.50 kW
220 2.20 kW
000 No converter
- J Brake Axis 2
V Vahle brake switch - 2 outputs
v Vahle brake switch - 1 output
S SEW brake switch - 2 outputs
s SEW brake switch - 1 output
F SEW brake switch fail safe - 2 outputs
f SEW brake switch fail safe - 1 output
X No brake
- K Brake resistance of Axis 2
1 Internal brake resistance
0 No brake resistance
- L POS 1 (top) - IO module space (interface module)
1 IM.1
2 IM.2



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M	POS 2 (middle) - IO module space (IO module)
	1 IO.1 (address IO.1-1)
	2 IO.2
	3 IO.3 (address IO.3-1)
	0 No module
N	POS 3 (bottom) - IO module space (IO module)
	1 IO.1 (address IO.1-2)
	2 IO.2
	3 IO.3 (address IO.3-2)
	0 No module
O	POS 4 (reserve) - IO module space (IO module)
	0 No module
P	Connection X4
	E IO extensions
	A Handheld control (not SAFE)
	S Handheld control (SAFE)
	X Unavailable (recess cover)
Q	Housing design
	S Standard
	C Compact
	W Wide
	P Configuration
	M Modular
	R Rittal (NRTL-housing)
RRR	Variant
	...
	Alphanumeric code for a corresponding variant
	If "P/M/R" is listed for housing design:
	-> the last 3 digits of the object number are listed
	If "S/C/W" is listed for the housing design:
	-> Control variant: consecutive number, starting with 1
	-> Default controls: 0

When installing all requirements of mentioned test specification(s) and conditions of acceptability must be fulfilled.