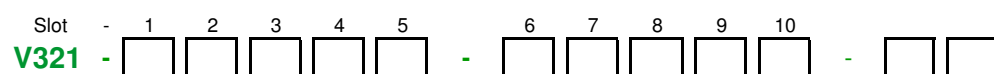


VAMP 321 ordering code



Nominal Supply voltage [V]

- A** = Power A 110 - 240 V (80 - 265Vac/dc, T1, A1, SF)
- B** = Power B 24 - 48 V (18 - 60Vdc, T1, A1, SF) ⁽¹⁾

I/O Card I ⁽²⁾

- A** = None
- B** = 3BIO+2Arc (3 x BI/BO, 2 x Arc sensor, T2, T3, T4)
- C** = F2BIO+1Arc (Fibre 2 x BI/BO, 1 x Arc loop sensor, T2, T3, T4)
- G** = 6DI+4DO (6 x DI, 4 x DO)
- H** = 6DI+4DO (6 x DI, 4 x DO(NC))
- I** = 10DI (10 x DI)

I/O Card II ⁽²⁾

- A** = None
- G** = 6DI+4DO (6 x DI, 4 x DO)
- H** = 6DI+4DO (6 x DI, 4 x DO(NC))
- I** = 10DI (10 x DI)

I/O Card III ⁽²⁾

- A** = None
- G** = 6DI+4DO (6 x DI, 4 x DO)
- H** = 6DI+4DO (6 x DI, 4 x DO(NC))
- I** = 10DI (10 x DI)

I/O Card IV ⁽²⁾

- A** = None
- D** = 2IGBT (2 x IGBT High speed outputs), excludes I/O Card III, slot 4
- E** = QD (VAM 3QD control card)
- F** = 3TD/3ED (VAM 3TD/3ED control interface)
- G** = 6DI+4DO (6 x DI, 4 x DO)
- H** = 6DI+4DO (6 x DI, 4 x DO(NC))
- I** = 10DI (10 x DI)

I/O Option card I

- A** = None
- D** = 4Arc (4 x Arc sensor)

I/O Option card II

- A** = None
- D** = 4Arc (4 x Arc sensor)

Analog measurement card [A, V]

- A** = 3L+U+Io (5/1A)
- G** = 3L + Io (5/1A) + U, Ring lug terminals

Communication interface I

- A** = None
- B** = RS232 (RS232, IRIG-B)
- C** = RS232+RJ (RS232, IRIG-B + Ethernet RJ-45 100 Mbs)
- D** = RS232+LC (RS232, IRIG-B + Ethernet LC 100 Mbs)
- N** = 2xRJ (Ethernet RJ 100 Mbs, RSTP)
- O** = 2xLC (Ethernet LC 100 Mbs, RSTP)
- P** = PP (Plastic / Plastic serial fibre)
- R** = GG (Glass / Glass serial fibre)

Communication interface II

- A** = None
- B** = RS232
- P** = PP (Plastic / Plastic serial fibre)
- R** = GG (Glass / Glass serial fibre)

Display type

- A** = 128x64 (128 x 64 LCD matrix)
- B** = 128x128 (128 x 128 LCD matrix)
- C** = 128x128Ext (128 x 128 LCD matrix, detachable) ⁽³⁾

DI nominal activation voltage

- 1** = 24 VDC / 110 VAC
- 2** = 110 VDC / 220 VAC
- 3** = 220 VDC
- A** = 24Vdc/ac, WITH conformal coating
- B** = 110 Vdc/ac, WITH conformal coating
- C** = 220 Vdc/ac, WITH conformal coating

- Note
- 1) In case Auxiliary supply variant "D" is chosen then must use 24 Vdc/ac DI nominal voltage
 - 3) Optional I/O cards for slots 2-5 have to be chosen in the following order: G modules first and then I or H modules
 - 2) By default cable length is 2 m. In case other length is needed order separately VX001-1, Vx001-3 or VX001-5 for 1 m, 3 m and 5 m respectively.

Accessories :

Cortec code	Explanation	Note
VAM 3LSE	Fiber sensor I/O unit (VAMP221 & 321)	3 fiber loops, 1 trip relay
VAM 3LXSE	Fiber sensor I/O unit (VAMP221 & 321)	3 fiber loops, 1 trip relay, adjustable sensitivity
VAM 4CSE	Current I/O unit (VAMP221 & 321)	3 current inputs, 1 trip relay, clamp connector
VAM 4CSE-RL	Current I/O unit (VAMP221 & 321)	3 current inputs, 1 trip relay, ring-lug connector
VAM 4CDSE	Current I/O unit (VAMP221 & 321)	3 current inputs, 1 trip relay, clamp connector, flush mounting
VAM 10LSE	Point sensor I/O unit (VAMP221 & 321)	10 sensor inputs, 1 trip relay
VAM 10LDSE	Point sensor I/O unit (VAMP221 & 321)	10 sensor inputs, 1 trip relay, flush mounting
VAM 12LSE	Point sensor I/O unit (VAMP221 & 321)	10 sensor inputs, 3 trip relays
VAM 12LDSE	Point sensor I/O unit (VAMP221 & 321)	10 sensor inputs, 3 trip relays, flush mounting
VAMP 4R	Trip Multiplier Relay	4 x NO, 4 x NC, 2 groups
VA 1 DA-6	Arc Sensor	Cable length 6m
VA 1 DA-20	Arc Sensor	Cable length 20m
VA 1 DA-6s	Arc Sensor, shielded	Cable length 6m
VA 1 DA-20s	Arc Sensor, shielded	Cable length 20m
VA 1 DA-6-HF	Arc Sensor, halogen free	Cable length 6m
VA 1 DA-20-HF	Arc Sensor, halogen free	Cable length 20m
VA 1 EH-6	Arc Sensor (Pipe type)	Cable length 6m
VA 1 EH-20	Arc Sensor (Pipe type)	Cable length 20m
VA 1 EH-6S-IP	Arc Sensor, shielded (Pipe type, IP65)	Cable length 6m
VA 1 EH-20S-IP	Arc Sensor, shielded (Pipe type, IP65)	Cable length 20m
VA 1 EH-20-IP	Arc Sensor (Pipe type, IP65)	Cable length 20m
VA 1 DP-5	Portable Arc Sensor	Cable length 5m
VA 1 DP-5D	Portable Arc Sensor	Cable length 5m
VA 1 GIS-1,5	Arc Sensor, shielded with GIS adapter	Cable length 1,5m
VA 1 GIS-3	Arc Sensor, shielded with GIS adapter	Cable length 3m
VA 1 GIS-5	Arc Sensor, shielded with GIS adapter	Cable length 5m
VA 1 GIS-10	Arc Sensor, shielded with GIS adapter	Cable length 10m
ARC SLM-x	Fiber sensor, 8 000 lx	x = fiber length (1
SLS-1	Fiber joint SLS-1	Max one joint per fibre
VX001-xx	Modular Cable VAM <-> VAM (xx = Cable length [m])	Preferred Cable Lengths (2
VX031-5	Extension cable for VA1DP-5D	Cable length 5m
VX052-3	USB programming cable (Vampset)	Cable length 3m
VX072	VAMP 300/321 profibus cable	Cable length 3m
VYX001	Surface Mounting Plate for Sensors	Z-shaped
VYX002	Surface Mounting Plate for Sensors	L-shaped
VYX 628	Surface Mounting Plate for VA 1 DV Sensor	U-shaped
VYX 695	Projection for 300-serie	Height 45 mm
VSE001PP	Fiber optic module (plastic - plastic)	RS-232 mode only
VSE002	RS485 interface module	RS-232 mode only
VPA3CG	Profibus DP fieldbus option board	

Note 1. Fibre lengths 1, 5, 10, 15, 20, 25, 30, 35, 40 or 50m

Note 2. Cable lengths 1, 3, 5, 7, 10, 15, 20, 25 & 30