

**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)

**I/O Card I**

- 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)
- I** = 10DI (10 x DI)

**I/O Card II**

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

**I/O Card III**

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

**I/O Card IV**

- A** = None
- D** = 2IGBT (2 x IGBT High speed outputs), excludes I/O Card III, slot 4
- E** = QD (VAM 3QD control card)
- G** = 6DI+4DO (6 x DI, 4 x DO)
- 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) <sup>(1)</sup>

**DI nominal activation voltage**

- 1** = 24 VDC / 110 VAC
- 2** = 110 VDC / 220 VAC
- 3** = 220 VDC

**Note**

1) 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 :**

Order Code	Explanation	Note
<b>VAM 3L</b>	Fiber sensor I/O unit (VAMP221 & 321)	3 fiber loops, 1 trip relay
<b>VAM 3LX</b>	Fiber sensor I/O unit (VAMP221 & 321)	3 fiber loops, 1 trip relay, adjustable sensitivity
<b>VAM 4C</b>	Current I/O unit (VAMP221 & 321)	3 current inputs, 1 trip relay
<b>VAM 4CD</b>	Current I/O unit (VAMP221 & 321)	3 current inputs, 1 trip relay, flush mounting
<b>VAM 10L</b>	Point sensor I/O unit (VAMP221 & 321)	10 sensor inputs, 1 trip relay
<b>VAM 10LD</b>	Point sensor I/O unit (VAMP221 & 321)	10 sensor inputs, 1 trip relay, flush mounting
<b>VAM 12L</b>	Point sensor I/O unit (VAMP221 & 321)	10 sensor inputs, 3 trip relays
<b>VAM 12LD</b>	Point sensor I/O unit (VAMP221 & 321)	10 sensor inputs, 3 trip relays, flush mounting
<b>VAMP 4R</b>	Trip Multiplier Relay	4 x NO, 4 x NC, 2 groups
<b>VA 1 DA-6</b>	Arc Sensor	Cable length 6m
<b>VA 1 DA-20</b>	Arc Sensor	Cable length 20m
<b>VA 1 DA-6s</b>	Arc Sensor, shielded	Cable length 6m
<b>VA 1 DA-20s</b>	Arc Sensor, shielded	Cable length 20m
<b>VA 1 DA-6-HF</b>	Arc Sensor, halogen free	Cable length 6m
<b>VA 1 DA-20-HF</b>	Arc Sensor, halogen free	Cable length 20m
<b>VA 1 EH-6</b>	Arc Sensor (Pipe type)	Cable length 6m
<b>VA 1 EH-20</b>	Arc Sensor (Pipe type)	Cable length 20m
<b>VA 1 DV-5</b>	Arc Sensor, shielded (metal pipe)	Cable length 5m
<b>VA 1 DV-10</b>	Arc Sensor, shielded (metal pipe)	Cable length 10m
<b>VA 1 DV-15</b>	Arc Sensor, shielded (metal pipe)	Cable length 15m
<b>VA 1 DP-5</b>	Portable Arc Sensor	Cable length 5m
<b>VA 1 DP-5D</b>	Portable Arc Sensor	Cable length 5m
<b>ARC SLm-x</b>	Fiber sensor, 8 000 lx	x = fiber length (1
<b>SLS-1</b>	Fiber joint SLS-1	Max one joint per fibre
<b>VX001-xx</b>	Modular Cable VAM <-> VAM ( xx = Cable length [m] )	Preferred Cable Lengths (2
<b>VX031-5</b>	Extension cable for VA1DP-5D	Cable length 5m
<b>VX052-3</b>	USB programming cable (Vampset)	Cable length 3m
<b>VX072</b>	VAMP 300/321 profibus cable	Cable length 3m
<b>VYX001</b>	Surface Mounting Plate for Sensors	Z-shaped
<b>VYX002</b>	Surface Mounting Plate for Sensors	L-shaped
<b>VYX 628</b>	Surface Mounting Plate for VA 1 DV Sensor	U-shaped
<b>VYX 695</b>	Projection for 300-serie	Height 45 mm
<b>VSE001PP</b>	Fiber optic module (plastic - plastic)	RS-232 mode only
<b>VSE002</b>	RS485 module	RS-232 mode only
<b>VPA3CG</b>	Profibus DP fieldbus option board	

Note 1. Fibre lengths 1, 5, 10, 15, 20, 25, 30, 35, 40, 50, 60 or 70 m

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