Schneider Electric

V55 - ☐ X ☐☐☐☐☐☐ -   **Voltage and Frequency Protection Relay**

Relay type
	=	Default
S	=	(slimline)

Nominal voltage [V]
4	=	50...400Vac

None

Supply Voltage [V]
A	=	40.. 265Vac/dc
B	=	18.. 36Vdc

mA output option
A	=	None
B	=	mA output

DI nominal activation voltage
1	=	24 Vdc / 110 Vac
2	=	110 Vdc / 220Vac
3	=	220 Vdc

Optional I/O extension modules
A	=	None
B	=	Digital I/O; 4xDI + 1xDI/DO

Optional communication module 1
A	=	None
D	=	Plastic/Plastic serial fibre interface
E	=	Glass/Glass serial fibre interface
F	=	Rx Plastic/Tx Glass serial fibre interface
G	=	Rx Glass/Tx Plastic serial fibre interface
K	=	RJ-45 10Mbps ethernet interface and RS-232
P	=	Profibus interface
R	=	2 x ST 100Mbps ethernet fibre interface inc. IEC 61850 (*
S	=	2 x RJ-45 100Mbps ethernet interface inc. IEC 61850
B	=	RS 485 interface (2-wire) with option for module 2
L	=	RS-232 remote port inteface and support for module 2
M	=	RS-232 remote port interface with IRIG B and extension port and support for module 2

Optional communication module 2
A	=	None
B	=	IRIG-B time syncronisation input (**
C	=	RTD interface (Glass fibre) (**
E	=	RJ-45 10Mbps ethernet interface inc. IEC 61850 (**
G	=	LC 100Mbps ethernet fibre interface inc. IEC 61850 (**

Note:

(* Supply voltage has to be 110 Vac/dc or more

(** Option available only with communication module 1: B, L and M

Accessories:

Order code	Explanation	Note
VX052-3	USB programming cable (Vampset)	Cable length 3m
VX054-3	Interface cable to VPA 3 CG (Profibus module) for RS 232	Cable length 3m
VX044	Interface cable to VIO 12 (RTD module)	Cable length 2m
VSE001PP	Fiber optic module (plastic - plastic)	Max. distance 1 km
VSE001GG	Fiber optic module (glass - glass)	Max. distance 1 km
VSE001GP	Fiber optic Interface Module (glass - plastic)	Max. distance 1 km
VSE001PG	Fiber optic Interface Module (plastic - glass)	Max. distance 1 km
VSE002	RS485 module	
VPA3CG	Profibus DP fieldbus option board	Requires external power module, to be used when both ethernet and profibus communications are needeed
VX054-3	Interface cable to VPA 3 CG (Profibus module) for RS 232	Cable length 3m
VIO 12 AA	RTD input module, 12pcs RTD inputs, Optical Tx Communication (24-230 Vac/dc)	
VIO 12 AB	RTD input module, 12pcs RTD inputs, RS 485 Communication (24-230 Vac/dc)	
VIO 12 AC	RTD and mA output/input module, 12pcs RTD inputs, PTC, mA inputs/outputs, RS232, RS485 and Optical Tx/Rx Communication (24 Vdc)	
VIO 12 AD	RTD/mA Module, 12pcs RTD inputs, PTC, mA inputs/outputs, RS232, RS485 and Optical Tx/Rx Communication (48-230 Vac/dc)	
VA 1 DA-6	Arc Sensor	Cable length 6m
VA 1 DA-20	Arc Sensor	Cable length 20m
V50WAF	V50 wall assembly frame	