

Options

VACON® 100 INDUSTRIAL, VACON® 100 FLOW

Factory option	Loose option	Description	Option slot				AC drive		
			B	C	D	E	VACON 100 INDUSTRIAL	VACON 100 FLOW	Enclosed
I/O options									
	OPT-F3-V	Standard I/O board: 2 x AI, 6 x DI, 1 x AO, 10 Vref, 24 Vin, 2 x 24 Vout, RS485, 3 x RO	■	■			■	■	■
+SBF4	OPT-F4-V	Optional I/O board: 2 x AI, 6 x DI, 1 x AO, 10 Vref, 24 Vin, 2 x 24 Vout, RS485, 2 x RO, Thermistor input	■				■	■	■
+S_B1*	OPT-B1-V	6 x DI / DO, programmable		■	■	■	■	■	■
+S_B2*	OPT-B2-V	2 x RO, Thermistor input		■	■	■	■	■	■
+S_B4*	OPT-B4-V	1 x AI, 2 x AO (isolated)		■	■	■	■	■	■
+S_B5*	OPT-B5-V	3 x RO		■	■	■	■	■	■
+S_B9*	OPT-B9-V	1 x RO, 5 x DI (42-240 VAC)		■	■	■	■	■	■
+S_BF*	OPT-BF-V	1 x AO, 1 x DO, 1 x RO		■	■	■	■	■	■
+S_BH*	OPT-BH-V	3 x Temp sensor inputs (PT100, PT1000, KTY84-130, KTY84-150, KTY84-131, NI1000)		■	■	■	■	■	■
Communication options									
+FBIE		Industrial Ethernet protocols: PROFINET IO and EtherNet/IP (software option onboard)					■	■	■
+S_C4*	OPT-C4-V	LonWorks			■	■	■	■	■
+S_E3*	OPT-E3-V	PROFIBUS DPV1			■	■	■	■	■
+S_E5*	OPT-E5-V	PROFIBUS DPV1 (D9)			■	■	■	■	■
+S_E6*	OPT-E6-V	CANopen			■	■	■	■	■
+S_E7*	OPT-E7-V	DeviceNet			■	■	■	■	■
+S_EC*	OPT-EC-V	EtherCAT			■	■	■	■	■
Other options									
+S_BJ*	OPT-BJ-V	Safe Torque Off (STO) / Safe Stop 1 (SS1) / ATEX				■	■	■	■
+HMTX	VACON-PAN-HMTX-MK01	Text keypad				■	■	■	■
+HMPA	PAN-HMPA-MK01	Panel adapter IP54 (dummy keypad)				■	■	■	■
+SRBT		Real time clock battery				■	■	■	■
+IP54	VACON-ENC-IP54-MR04/05/06	IP54 enclosure; loose option also available for frames MR4, MR5, MR6				■	■	■	■
+IP00		IP00 available for frames MR8-MR12				■	■	■	■
+EMC4		Change to EMC-level C4 for IT networks				■	■	■	■
+DBIN		Internal integrated dynamic braking MR7-MR12				■	■	■	■
+QFLG	ENC-QFLG-MR04/05/06/07	Flange mounting MR4-MR7 / MR8 IP00 / MR9 IP00 Loose option available for frames MR4-MR7				■	■	■	■
+QDSS		Drive supply switch for MR4-MR7 (IP54) and MM4-MM6				■	■	■	■
+QGLC		Conduit plate with inch holes, MR4-MR9				■	■	■	■
+EMAR		Marine construction				■	■	■	■
+POCM		Integrated Common mode filter for IP00 frames MR10 and MR12 and enclosed drives				■	■	■	■
+PODU	ENC-QMMF-MM04/05/06	Integrated dU/dt filter for IP00 frames MR10 and MR12 and enclosed drives				■	■	■	■
+PCTB		External power connection block for IP00 frames MR10 and MR12				■	■	■	■
Kits and cables									
	VACON-PAN-HMDR-MK01-xx	VACON 100 door mounting kit, xx = cable lengths NM (no cable), 2M, 3M, 6M, 15M (2, 3, 6, 15 meter)							
	VACON-PAN-HMHH-MK01	Hand held panel kit, VACON brand							
	CAB-USB/RS485	PC cable for SW tools, USB to RS-485, cable length 3 m							
	VACON-ENC-IN12-MR0x	Type 12 kit, 0x = enclosure sizes (04, 05, 06)							

* Replace '_' with preferred option slot (Example +SCB5 means option board B5 will installed to option slot C in factory)

Factory option	Enclosed drive option description	Group	Option slot				AC drive		
			B	C	D	E	VACON 100 INDUSTRIAL	VACON 100 FLOW	Enclosed
+CAMH	Motor heater control	Auxiliary equipment					■	■	■
+CACH	Cabinet heater						■	■	■
+CACL	Cabinet light						■	■	■
+CAPT	Auxiliary voltage transformer	Cabinet power supply for accessories					■	■	■
+CAPD	24 V DC power supply						■	■	■
+CAPS	AC customer socket						■	■	■
+CDLP	Signal lights and reset button	Door-mounted options					■	■	■
+CTID	Extended I/O terminals	Control terminals					■	■	■
+CAPU	Auxiliary AC supply terminals						■	■	■
+CPS0	STO with emergency stop push button on door	Protection devices					■	■	■
+CPS1	SS1 with emergency stop push button on door						■	■	■
+CPSB	Emergency switch off						■	■	■
+CPIF	Insulation monitoring						■	■	■
+CIFD	AC fuses and fuse switch	Input devices					■	■	■
+CICO	Input contactor						■	■	■
+CHIT	Input cabling from top	Cabeling options					■	■	■
+CHOT	Output cabling from top						■	■	■
+CHCT	Cabling from top						■	■	■
+CHPH	Base plinth 200 mm	Base plinth options					■	■	■
+CHCB	Back channel cooling	Cooling options					■	■	■
+GAUL	UL listed version	Approvals					■	■	■

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Software language package:										
+FL01		English, German, Finnish, Swedish, Italian, French						■	■	■
+FL02		English, German, Finnish, Swedish, Danish, Norwegian						■	■	■
+FL03		English, Italian, French, Spanish, Portuguese Brazil, Dutch, Greek						■	■	■
+FL04		English, German, Polish, Russian, Czech, Slovak, Lithuanian, Latvian						■	■	■
+FL05		English, German, Estonian, Hungarian, Romanian, Turkish						■	■	■
+FL06		English, Chinese, Russian, Korean						■	■	■
+FL07		English, German, Slovenian, Croatian, Serbian, Bulgarian						■	■	■

Type code key

VACON® 100 INDUSTRIAL, VACON® 100 FLOW

VACON0100	3L	0310	5	ED	FLOW	R02	+IP54
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VACON0100	— ■	Product range VACON 100
3L	— ■	Three-phase input
0310	— ■	Drive rating in Ampere e.g. 0310 = 310 A
5	— ■	Supply voltage 2 = 208-240 V 4 = 380-480 V 5 = 380-500 V 6 = 525-600 V 7 = 525-690 V
ED	— ■	Enclosure type (empty) = Drive module ED = Enclosed drive
FLOW	— ■	Drive type (empty) = VACON® 100 INDUSTRIAL, for multi-purpose applications FLOW = VACON 100 FLOW, for intelligent process control
R02	— ■	Regional code (empty) = International R02 = North America
IP54	— ■	+IP54 = IP54 enclosure Please refer to option chart for available options.