



VFD family

Overview order number


HVAC400	
	
1.1...160 kW IP21/54 Onboard communication: BACnet MS/TP, BACnet IP, Modbus RTU, Modbus TCP, Metasys N2 Optional: LONWORKS Emissions: EN61800-3 cat. C2 Languages: central-southern EU	
Order number	kw
HVAC400-1P1-21A	1.1
HVAC400-1P1-54A	1.1
HVAC400-1P5-21A	1.5
HVAC400-1P5-54A	1.5
HVAC400-2P2-21A	2.2
HVAC400-2P2-54A	2.2
HVAC400-3P0-21A	3.0
HVAC400-3P0-54A	3.0
HVAC400-4P0-21A	4.0
HVAC400-4P0-54A	4.0
HVAC400-5P5-21A	5.5
HVAC400-5P5-54A	5.5
HVAC400-7P5-21A	7.5
HVAC400-7P5-54A	7.5
HVAC400-11P-21A	11.0
HVAC400-11P-54A	11.0
HVAC400-15P-21A	15.0
HVAC400-15P-54A	15.0
HVAC400-18P-54A	18.0
HVAC400-18P-21A	18.5
HVAC400-22P-21A	22.0
HVAC400-22P-54A	22.0
HVAC400-30P-21A	30.0
HVAC400-30P-54A	30.0
HVAC400-37P-21A	37.0
HVAC400-37P-54A	37.0
HVAC400-45P-21A	45.0
HVAC400-45P-54A	45.0
HVAC400-55P-21A	55.0
HVAC400-55P-54A	55.0
HVAC400-75P-21A	75.0
HVAC400-75P-54A	75.0
HVAC400-90P-21A	90.0
HVAC400-90P-54A	90.0
HVAC400-110-21A	110.0
HVAC400-110-54A	110.0
HVAC400-132-21A	132.0
HVAC400-132-54A	132.0
HVAC400-160-21A	160.0
HVAC400-160-54A	160.0

Display door option
HVAC-DOOR-KIT

HVAC232/402	
	
1.1...18.5 kW IP20/21 Onboard communication: Modbus RTU Optional: LONWORKS Emissions: EN61800-3 cat. C2	
Order number	kw
208-240V, 1 ~ Version IP20/21	
HVAC232-P37-20	0.37
HVAC232-P55-20	0.55
HVAC232-P75-20	0.75
HVAC232-1P1-20	1.1
HVAC232-1P5-20	1.5
HVAC232-2P2-20	2.2
380-480V, 3 ~ Version IP20/21	
HVAC402-P55-20	0.55
HVAC402-P75-20	0.75
HVAC402-1P1-20	1.1
HVAC402-1P5-20	1.5
HVAC402-2P2-20	2.2
HVAC402-3P0-20	3
HVAC402-4P0-20	4

Covers for option	
ENC-Slot-MI 1...3	≤5.5 kW

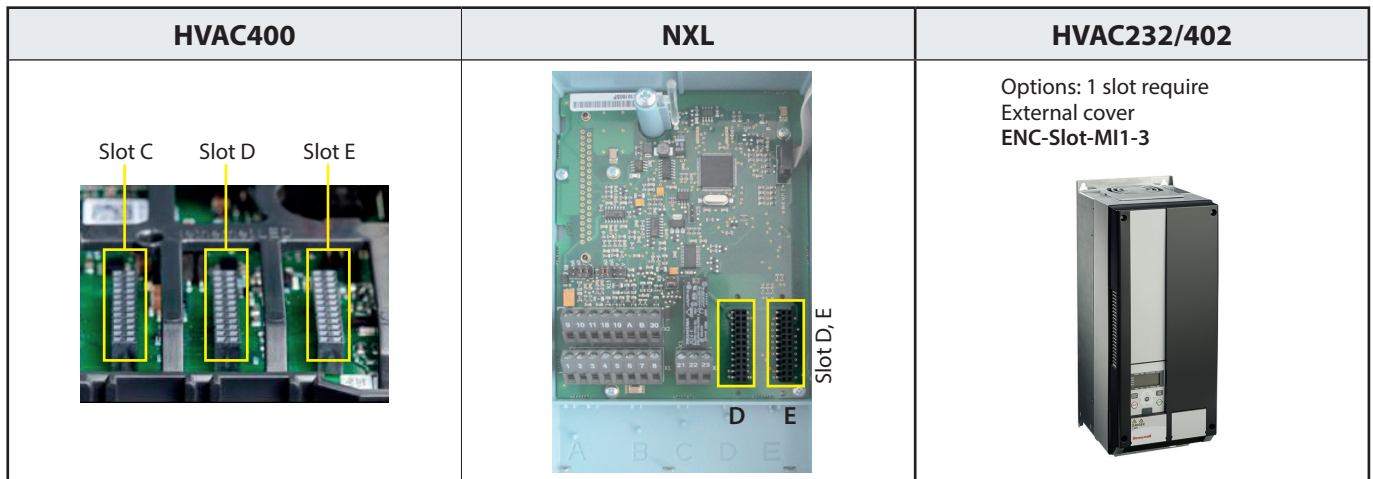
Display door option
HVACDOORKIT

NXL	
	
1.1...400 kW Communication with option-board: Modbus/N2, Profibus DP, CANopen, DeviceNet, Modbus TCP, BACnet MS/TP Emissions: EN61800-3 cat 2 ≤ 160kW, EN61800-3 cat 3 > 160kW	
Order number	kw
HVAC03C5	1.1
HVAC04C5	1.5
HVAC05C5	2.2
HVAC07C5	3.0
HVAC09C5	4.0
HVAC12C5	5.5
HVAC16C5	7.5
HVAC23C5	11.0
HVAC31C5	15.0
HVAC38C5	18.5
HVAC46C5	22.0
HVAC61C5	30.0

Display door option
DRA-02L, 2 m
DRA-04L, 4 m

VFD

Drive accessories



Communication	HVAC400	NXL	HVAC232/402	Slot	Order number
LONWORKS	▲	▲	–	C, D	OPTC4
Modbus/N2 (RS-485)	■	■	–	C, D	NXOPTC2
Profibus DP	–	▲	–	C, D	NXOPTC3
CANopen (slave)	–	▲	–	C, D	NXOPTC6
DeviceNet	■	▲	–	C, D	NXOPTC7
BACnet MS/TP	■	▲	–	C, C	NXOPTCJ
Modbus TCP Ethernet/IP	–	–	▲*	DE	OPTE9

E/A Module	HVAC400	NXL	HVAC232/402	Slot	Order number
6× inputs/outputs progr.	▲	–	▲*	B, C, D, E	OPTB1
2 AO & 1 AI mA	▲	▲	▲*	B, C, D, E	OPTB4
3× Relays	▲	▲	▲*	B, C, D, E	OPTB5
1× RO, 5× inputs 42...240 V	▲	–	▲*	B, C, D, E	OPTB9
1 AI mA, 1RO, 1DO op. col.	▲	–	▲*	D, E	OPTBF
3× DI, 1× Relay, 1× DO	–	▲	–	D, E	NXLOPTAA
1 Thermistor, 2× RO	■	–	▲*	E	OPTB2
PT1000, Ni1000, KTY84x	▲	–	▲*	B, C, D, E	OPTBH

■ = embedded ▲ = fit ▲* = Needs optional option item, ENC-Slot-MI1-3

Communication with PC	Order number
HVAC400, HVAC232/402, 3 m cable	SMARTDRIVE- USBC
Interface required for HVAC232/402 PC communication	COMP-LOADER

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