



D: 4 DIN Rail

XEV SERIES: SUPERHEAT MANAGEMENT – SERIAL OUTPUT

- Drivers for ON/OFF (pulsed) and stepper electronic expansion valve management
- ON/OFF (pulsed) expansion valve support with 30W max power and coil c.a.
- Temperature analog inputs (NTC, PTC, PT1000)
- Pressure analog inputs (0÷5V, 4÷20mA)
- Possibility to broadcast via LAN the pressure signal to multiplexed cabinets
- Alarm management (visual, relay)
- Cool Defrost for defrost time reduction
- Standard communication protocol ModBUS-RTU
- Hot Key or Prog tool kit connector for a quick and easy programming
- 6VA max power absorption
- Display with red LED (10,5mm high) and icons

HOW TO ORDER

XEV X E V D - A B C D E

-17.8

For blue display please contact Dixell

A	B	C	D	E
Power supply	Temperature probe	Pressure probe	Measurement unit	Buzzer
2 = 24Vac 4 = 120Vac 5 = 230Vac	P = Pt1000 N = NTC	0 = 0÷5V 1 = 4÷20mA 2 = PP11 3 = PP30 2 = PPR15 3 = PPR30	C = °C/bar F = °F/psi P = °C/psi	0 = No 1 = Yes

XEV

DRIVERS for ON/OFF and STEPPER ELECTRONIC EXPANSION VALVE MANAGEMENT

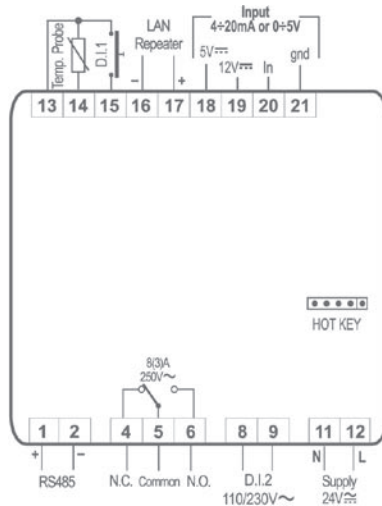


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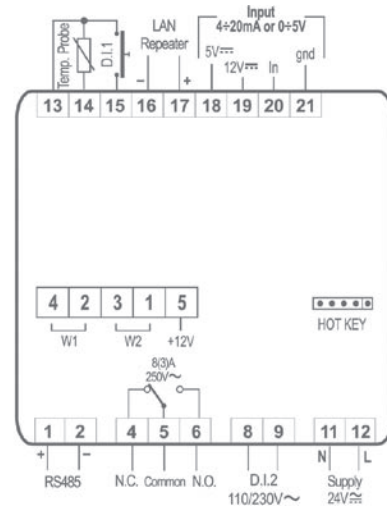
XEV11D	ON/OFF electronic expansion valve driver
XEV12D	ON/OFF electronic expansion valve driver with integrated display
XEV21D	Stepper electronic expansion valve driver
XEV22D	Stepper electronic expansion valve driver with integrated display

FEATURES	XEV11D	XEV12D	XEV21D	XEV22D
Kind of valves	ON/OFF	ON/OFF	stepper	stepper
Display: n° digits		± 3 d.p.		± 3 d.p.
Keyboard: push buttons		3		3
Power supply	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac
Probe inputs				
Suction pressure	4÷20mA/0÷5V config	4÷20mA/0÷5V config	4÷20mA/0÷5V config	4÷20mA/0÷5V config
Suction temperature	Pt1000/NTC config	Pt1000/NTC config	Pt1000/NTC config	Pt1000/NTC config
Digital inputs				
Free of voltage	pres	pres	pres	pres
High voltage	pres	pres	pres	pres
Relay output				
Alarm	8A config	8A config	8A config	8A config
Other				
Valve driver output up to 30W	pres	pres		
Hot Key/Prog Tool Kit output	pres	pres	pres	pres
Remote keyboard output	KB1-PRG		KB1-PRG	
Serial output	RS485	RS485	RS485	RS485
Alarm recovery by LAN	pres	pres	pres	pres

XEV11D
XEV21D



XEV12D
XEV22D



100x64mm

KB1-PRG

6 key programming keyboard for XEV11D – XEV21D

Display: n° digits: ± 3 d.p.

Keyboard: push buttons: 6



For the connection between the keyboard and the XEV11D – XEV21D modules the **CAB/KB11** cable is available, 1m