



EXD-U01 808052

# EXD-U01 Universal Driver Module

The EXD-U01 is a universal driver that enables the operation of Emerson EX4 - EX 8 stepper motor driven valves used in applications such as solenoid valves, electronic expansion valves, hot gas bypass or evaporator pressure regulator as capacity control, crankcase pressure regulator, heat reclaim regulator, and liquid level control.

## Features

- Plug and play, no parameter settings required
- Digital input can be used to force valve closing
- Dip-switches for selection of EX control valve type, analog input and start mode

## Specifications

Supply voltage .....	24 VAC ± 10%, 50-60 Hz
<b>Note:</b> .....	24 VDC supply voltage can be used but it results to lower MOPD .....and it needs to be verified by system manufacturer
Supply current.....	To be protected by a 1.0A external fuse
Power consumption.....	10VA in conjunction with EX valve
Temperature.....	Storage: -4°F to 149°F (-20° C to 65°C) ..... Operating: 32°F to +140°F (0°C to 60°C)
Humidity.....	< 90% R.H. non condensing
Approvals.....	EMC EN 61326-1, EN50081, EN50082
Marking .....	CE, EAC
Protection class.....	IP20
Input analogue signal.....	4-20 mA or 0-10V ..... Burden 364 Ω ..... Impedance 27KΩ
Digital input.....	24V AC ±10%, 50-60Hz, 24V DC ±10%
Connection to EX4-8 .....	Via 4 wires cable, AWG 20/22
Connector.....	Screw terminals for wire size 0.5-2.5 mm <sup>2</sup>
Mounting.....	DIN rail mounted
Housing.....	Aluminum

### EXD-U01 universal driver module

Description	Model number	Item number
Universal Driver Module with Terminal Kit for EX4-EX8 and CX4-CX6	EXD-U01 808052	097795