

Electronic Expansion Valves Series CX2

Pulse width modulated with exchangeable orifices for high-pressure CO₂ applications

Can be used with EC2 display case controllers

Features

- Pulse width modulated
- Shut-off function eliminates the necessity of a separate solenoid valve
- Dampened plunger reduces noise effects of water hammer
- One valve body can be combined with 6 orifices to make 7 capacity ranges up to 28.2 kW (R744)
- Long lifetime, high reliability
- PS: 90bar
- MOPD: 65 bar



CX2 with Orifice

Selection Chart

Valve		Orifice		Nominal Capacity kW (R744)
Type	Part No.	Type	Part No.	
CX2-I00	801 095	EX0-00X	801 084	1.5
CX2-I00	801 095	EX0-000	801 085	2.6
CX2-I00	801 095	EX0-001	801 086	5.2
CX2-I00	801 095	EX0-002	801 087	7
CX2-I00	801 095	EX0-003	801 088	11.8
CX2-I00	801 095	EX0-004	801 089	17.9
CX2-I00	801 095			28.2
Coil				
Type	Part No.	Description		
ASC3 24V	801 079	Coil 24 VAC 50 (60)Hz (8W)		

* Orifice should be selected at max. 80% of Q_n to allow covering the load fluctuation

Description	Type	PCN (single packing)	PCN (bulk packing)
Plug and cable assembly (1.5 m)	ASC-N15	804570	804570M
Plug and cable assembly (3.0 m)	ASC-N30	804571	804571M
Plug and cable assembly (6.0 m)	ASC-N60	804572	-
Plug PG9	Plug	801012	-
Plug PG11	Plug	801013	-

For other operating conditions the selection tool “Controls Navigator” can be downloaded from www.emersonclimate.eu.