

ATCA System 450/40 FC Series, 14 Slot, DC



The nVent SCHROFF ATCA 450/40 FC Series is a family of AdvancedTCA Shelves that provide cooling and power per slot for 450 W blades. The backplane is verified in accordance to 40GBASE-KR4 for 40 Gbit Ethernet. Shelves with air flow from bottom to top as well as shelves with air flow from front to rear are available.

CERTIFICATIONS



FEATURES

Conforms to AdvancedTCA Standard PICMG 3.0 rev.3.0

Input voltage -48 VDC/-60 VDC, two redundant power entry modules (PEM)

2 redundant hot-swap fan trays in push-pull configuration

450 W cooling capacity per slot at an ambient temperature of 55 °C

Prepared for 2 x SCHROFF shelf managers with Pigeon Point ShMM 700

Shelf Manager slots on the right hand side in the AdvancedTCA card cage

Shelf Manager consoles and Telco alarm interface in lower fan tray

Air filter access from front

SPECIFICATIONS

Table 1/3

Catalog Number	Product Type	Number of Slots	Type	Backplane Type	Data Transfer	Power per Slot
11990-190	System	14	19" Rack Mount	Dual Star, Bussed IPMB	40 GbE	450W

CatalogNumber	Product Type	Number ofSlots	Type	BackplaneType	Data Transfer	Power per Slot
11990-192	System	14	19" Rack Mount	Dual Star, Bussed IPMB	40 GbE	450W

Table 2/3

Catalog Number	Input Voltage DC	Airflow Direction	Rack Height	Power Supply Type	Power Supply Included	Rear I/O
11990-190	-48V, -60V	Bottom to Top	14U	(2) DC PEM	Yes	Yes
11990-192	-48V, -60V	Front to Rear	14U	(2) DC PEM	Yes	Yes

Table 3/3

Catalog Number	Complies With	Depth	Package Quantity	Quick Ship
11990-190	PICMG 3.0 R3.0	383mm	1	No
11990-192	PICMG 3.0 R3.0	383mm	1	No

ADDITIONAL PRODUCT DETAILS

Modified systems available on request.

Completely assembled, cabled and tested.

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

North America

All locations
+1.763.422.2661
Chat with us:
nvent.com/schroff

Europe

Straubenhardt, Germany
+49.7082.794.0
Betschdorf, France
+33.3.88.90.64.90
Warsaw, Poland
+48.22.209.98.35
Assago, Italy
+39.02.932.7141
Chat with us:
nvent.com/schroff

Asia

Shanghai, China
+86.21.2412.6943
Qingdao, China
+86.532.8771.6101
Singapore
+65.6768.5800
Shin-Yokohama, Japan
+81.45.476.0271
Chat with us:
nvent.com/schroff

Middle East & India

Dubai, United Arab Emirates
+971.4.378.1700
Bangalore, India
+91.80.6715.2001
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