ATV650D90N4

Schneider Electric ATV650D90N4 - Altivar Process ATV650 Variable Speed Drive 90kW 380-480V IP55

BRAND
Schneider Electric

PRODUCT FAMILY
Altivar Process ATV600

SUPPLY BASIS
RFQ / on request - no stock claim

ORDER CODE / PRODUCT REFERENCE
ATV650D90N4

CATEGORY
VFD

RECORD IDENTITY
Catalog identity matched

PRODUCT DESCRIPTION

This Altivar Process ATV600 variable speed drive can feed 3-phase synchronous and asynchronous power motors. It features 3 built-in RJ45 communication ports as standard, 1 Ethernet port, 2 serial ports. It works at a rated supply voltage from 380V to 480V AC. This drive provides up to 30% energy saving when on standby due to the innovative ??Stop and Go??operation without additional costs. It is suitable for motors with power rating up to 90kW / 125hp for applications requiring slight overload (up to 120%). It is suitable for motors with power rating up to 75kW / 100hp for applications requiring significant overload (up to 150%). It weighs 191.8kg and its dimensions are, 345mm wide, 1250mm high, 375mm deep. This drive is focused on fluids management processing and energy saving, it offers extensive flexibility in water and wastewater, mining, minerals and metals, oil and gas and food and beverage applications. Accessories (fan kit, graphic display terminal) and options (I/O expansion modules, communication modules, EMC input filters) are available with Altivar Process ATV600 drives, depending on the drive rating. It is designed to be mounted in vertical position (+/- 10 °) on a wall. This new concept of drives meets the major needs of process and utilities in terms of equipment efficiency and total cost of ownership by supporting the energy management, asset management and also the overall performance of the process. Schneider Electric ATV650D90N4 is the exact manufacturer re

RECORDED SPECIFICATIONS

Depth	375 mm
Width	345 mm
Height	1250 mm
Phases	3 phases
IP protection	IP55
Safety function	STO SIL 3
Output frequency	0.0001...0.5 kHz
Switching frequency	2.5 kHz
Rated supply voltage	380...480 V
Manufacturer part number	ATV650D90N4

ADDITIONAL SPECIFICATIONS

Motor power (Heavy Duty)	75 kW
Motor power (Normal Duty)	90 kW
Rated power (hp, Heavy Duty)	100 hp
Rated power (hp, Normal Duty)	125 hp
Continuous output current (Normal Duty)	173 A

MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.