AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

OS30AJ12

Three-Pole Fusible Disconnect Switch

TYPE	REFERENCE	FAMILY	SCOPE
Three-Pole Fusible Disconnect Switch	**OS30AJ12**	**ABB PowerLine**	**Exact-model data**

ABB OS30AJ12 is a three-pole fusible disconnect switch in the PowerLine range. ABB lists this model at 30 A and up to 600 V AC under its North American ratings. It accepts Class J fuses rather than the Class CC fuses specified for the similarly named OS30ACC12.

01 DOCUMENTED PRODUCT REFERENCE

Pole count	3
UL general-purpose current	30 A
Maximum UL/CSA operating voltage	600 V AC
UL fuse class	Class J
Three-phase motor ratings	5 hp at 200 V; 7.5 hp at 208/240 V; 15 hp at 480 V; 20 hp at 600 V
Single-phase motor ratings	2 hp at 120 V; 3 hp at 240 V
IEC insulation voltage	1000 V
IEC AC-21A operational current	32 A at the catalogued ≤500 V and ≤690 V limits

Manufacturer data summarized for the identified model and stated conditions.

02 TECHNICAL DATA

IEC AC-23 operational power	14 kW at 400 V; 15 kW at 415 V; 25 kW at 690 V
Conductor compatibility	Copper, 18-8 AWG
Mounting methods	Base or DIN rail
Fuse cover	Standard
Terminal lug arrangement	Integral lugs
Contact arrangement	Double-break contacts
Operating mechanism	Quick-make / quick-break

03 APPLICATION AND CONFIGURATION

- Match OS30AJ12 and the carton code
- Verify a Class J fuse arrangement
- Confirm mounting and handle geometry
- Check the exact listed combination
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB NEC 409 / UL 508A Short Circuit Current Ratings, 1SXU000078D0201

ABB AC 1000 catalog 17.76, 17.78, 17.83; ABB 1SXU000078D0201 p.14; original unit and carton labels.

Independently prepared Amikon reference summary, not an original manufacturer manual. Ratings apply only under their documented conditions. Confirm the supplied marking and approved configuration before selection, installation or replacement.

AMIKON PRODUCT SUPPORT

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