

High Performance Power Entry Module with Switch



- Rated currents up to 10 A
- High quality 2-pole rocker switch
- Optional reduced leakage current versions (A/B type)
- Complies with IEC/EN 60601-1
- Snap-in versions (S type)
- High attenuation performance



Performance indicators

Attenuation performance



Rated current [A]



Approvals & Compliances



The FN 9266 power entry module combines an IEC inlet, mains filter with very high filter attenuation based on nano crystalline material selection and a switch in a small form factor. Choosing FN 9266 product line brings you rapid availability of a standard filter associated with the necessary safety acceptances. Standard IEC connector filters are a practical solution helping you to pass EMI system approval in a short time. A wide selection on amperage ratings, mounting possibilities and filters for medical applications (acc. to IEC 60601-1 with low leakage current and high performance) are designed to offer you the desired solution.

Features and Benefits

- Excellent conducted attenuation performance, based on chokes with high saturation resistance and good thermal behavior
- High quality 2-pole rocker switch for all-pole disconnection
- Faston terminals for easy assembly
- FN 9266 B versions comply with the requirements of 1MOP acc. to IEC/EN 60601-1 for creepage and clearance, leakage current and high potential testing
- As flange mount and snap-in types available

Family Technical Specifications

Maximum continuous operating voltage	250 VAC, 50/60 Hz
Nominal operating voltage	230 VAC
Rated currents	1 to 10 A @ 40°C
Operating frequency	DC to 400 Hz
High potential test voltage	P -> PE 2000 VAC for 2 sec (Standard) P -> PE 2500 VAC for 2 sec (B-types) P -> N 760 VAC for 2 sec
Temperature range (operation and storage)	-25°C to +85°C (25/85/21)
Protection category	IP 40 according to IEC 60529
Flammability corresponding to	Switch plastic: UL 94 V-0 Inlet plastic: UL 94 V-0 Switch plastic: UL 94 V-0 Switch plastic: UL 94 V-0 Switch plastic: UL 94 V-0 Switch plastic: UL 94 V-0 Switch plastic: UL 94 V-0 Switch plastic: UL 94 V-0 Switch plastic: UL 94 V-0 Switch plastic: UL 94 V-0
Design corresponding to	UL 60939-3, CSA Std C22.2 No. 8, IEC/EN 60939-3, GB/T 15287, GB/T 15288
MTBF (Mil-HB-217F)	>2,100,000 h @ 40°C/230 V
Switch ratings	
Function	2-pole, dark not illuminated Marking I - 0
Electrical specifications	Inrush current 100 A 50,000 on-off operations for 10 A according to EN 610581-1
Europe (ENEC)	10 A (4 A), 250 VAC* 5E4 16 A (4 A), 250 VAC* 1E4 16 A (4 A), 250 VAC* 1E4 16 A (4 A), 250 VAC* 1E4 16 A (4 A), 250 VAC* 1E4 16 A (4 A), 250 VAC* 1E4 16 A (4 A), 250 VAC* 1E4
USA (UL)	20 A, 125 VAC 1 HP 250 VAC 2 HP

Typical Applications













- Medical electrical devices (MD) and In-Vitro Diagnostic (IVD) medical devices
- Portable electrical and electronic equipment
- EDP and office equipment
- Single-phase power supplies
- Switch-mode power supplies
- Test and measurement equipment

* Value in () relates to the inductive current charge: cos(phi) = 0.65

Articles

Article	Rated Current @ambient (A)	Leakage current IEC60939 (A)	Inductance		Capacitance		Resistance (kΩ)	Dist. stock	Read More
			L1		Cx1 (μF)	Cy1 (μF)			
FN9266SA-1-06	1	0.07	40		0.15	0.15	1000		
FN9266-1-06	1	0.31	40		0.15	2.2	1000		
FN9266-2-06	2	0.31	20		0.15	2.2	1000		
FN9266-4-06	4	0.31	7		0.15	2.2	1000		
FN9266-6-06	6	0.31	3		0.15	2.2	1000		
FN9266-10-06	10	0.31	1.15		0.15	2.2	1000		
FN9266S-1-06	1	0.31	40		0.15	2.2	1000		
FN9266S-2-06	2	0.31	20		0.15	2.2	1000		
FN9266S-4-06	4	0.31	7		0.15	2.2	1000		
FN9266S-6-06	6	0.31	3		0.15	2.2	1000		
FN9266S-10-06	10	0.31	1.15		0.15	2.2	1000		
FN9266A-1-06	1	0.07	40		0.15	0.15	1000		
FN9266A-2-06	2	0.07	20		0.15	0.15	1000		
FN9266A-4-06	4	0.07	7		0.15	0.15	1000		
FN9266A-6-06	6	0.07	3		0.15	0.15	1000		
FN9266A-10-06	10	0.07	1.15		0.15	0.15	1000		
FN9266S-10-06-30	10	0.31	1.15		0.15	2.2	1000		
FN9266SA-2-06	2	0.07	20		0.15	0.15	1000		
FN9266SA-4-06	4	0.07	7		0.15	0.15	1000		
FN9266SA-6-06	6	0.07	3		0.15	0.15	1000		
FN9266SA-10-06	10	0.07	1.15		0.15	0.15	1000		
FN9266B-1-06	1	0	40		0.15		1000		
FN9266B-2-06	2	0	20		0.15		1000		
FN9266B-4-06	4	0	7		0.15		1000		
FN9266B-6-06	6	0	3		0.15		1000		

Articles

Article	Rated Current @ambient (A)	Leakage current IEC60939 (A)	Inductance	Capacitance		Resistance (kΩ)	Dist. stock	Read More
			L1	Cx1 (μF)	Cy1 (μF)			
FN9266B-10-06	10	0	1.15	0.15		1000		
FN9266SB-1-06	1	0	40	0.15		1000		
FN9266SB-2-06	2	0	20	0.15		1000		
FN9266SB-4-06	4	0	7	0.15		1000		
FN9266SB-6-06	6	0	3	0.15		1000		
FN9266SB-10-06	1	0	1.15	0.15		1000		

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