

## Add-on modules DX<sup>3</sup>

for 1.5 module/pole DX<sup>3</sup> MCBs



Performance of DX<sup>3</sup> add-on modules p. 76-77

Conform to IEC 61009-1, IEC 62423 (F type)  
Voltage independent tripping except Cat.Nos 4 106 57/58/59

- AC type : detect AC components faults
- F type (High immunity) : detect faults with AC and DC components, increased immunity to false tripping
- Hpi type : detect faults with AC and DC components, increased immunity to false tripping
- Detection of high frequency fault currents

For mounting on the right-hand side of 1.5 module per pole DX<sup>3</sup> MCBs

Pack	Cat.Nos	2-pole - 230 V $\sim$		
1	4 105 76	<b>F type</b>	Nominal rating In (A)	Number of modules
	4 105 77	Sensitivity (mA) 30		
1	4 105 83	<b>F type</b> adjustable	Nominal rating In (A)	Number of modules
	4 105 84	from 300 to 1000		

Pack	Cat.Nos	3-pole - 400 V $\sim$		
1	4 106 05	<b>F type</b>	Nominal rating In (A)	Number of modules
	4 106 06	Sensitivity (mA) 30		
1	4 106 11	<b>F type</b> adjustable	Nominal rating In (A)	Number of modules
	4 106 12	from 300 to 1000		

Pack	Cat.Nos	4-pole - 400 V $\sim$		
1	4 106 24	<b>AC Type</b>	Nominal rating In (A)	Number of modules
	4 106 28	Sensitivity (mA) 30		
1	4 106 36	<b>F type</b>	Nominal rating In (A)	Number of modules
	4 106 37	Sensitivity (mA) 30		
1	4 106 43	<b>F type</b> adjustable	Nominal rating In (A)	Number of modules
	4 106 44	from 300 to 1000		

Pack	Cat.Nos	4-pole 400 V $\sim$ - Metering		
LCD display For displaying active energy, instantaneous power and current per phase (A) consumption				
1	4 106 57	<b>Hpi type</b> with integrated energy meter	Nominal rating (A)	Number of modules
	4 106 58	Sensitivity (mA) 30 à 3000		

Pack	Cat.Nos	4-pole 400 V $\sim$ - Measurement		
LCD display For displaying current per phase, voltage, frequency, active and reactive power, power factor, active and reactive energy consumption and harmonics				
1	4 106 59	<b>Hpi type</b> with integrated measurement unit	Nominal rating (A)	Number of modules
		Sensitivity (mA) 30 à 3000		

## Add-on modules DX<sup>3</sup>

technical characteristics

### Compatibility MCBs/add-on modules

Breaking capacity	Curve	Number of poles	Add-on module for 1 module/pole MCBs	Add-on module for 1.5 module/pole MCBs
6000 / 10 kA	B, C, D	2P, 3P, 4P	All range	-
10000 / 16 kA	B, C, D	2P, 3P, 4P	In ≤ 63 A	In ≥ 80 A
		3P, 4P	In ≤ 25 A	In ≥ 32 A
25 kA	B, C, Z	2P	In ≤ 32 A	In ≥ 40 A
		3P, 4P	In ≤ 10 A	In ≥ 12,5 A
			2P	In ≤ 25 A
36kA, 50 kA	B, C, D	2P, 3P, 4P	-	All range

### Adjustable add-on modules, F type

Easy to access settings on front panel with sealable transparent cover  
Sensitivity: 300, 500 and 1000 mA  
Time delay: instantaneous, selective (60 ms) or delayed (150 ms)



### Hpi type add-on modules with integrated energy meter or measurement unit

Conform to standards EN 61009-1, IEC 62423 F type, EN 60947-2 and 61557-12 (PMD/DD/K55)  
Electronic settings on the front panel  
Sensitivity: 30, 300, 1000, 3000 mA  
Time delay: instantaneous, or delayed (300 ms, 1 s, 3 s)  
For integration in the EMDX<sup>3</sup> display and supervision system with interface Cat.No 4 210 75 (p. 184), to feed back information and the status of the remote MCB.  
Precision: EN 61557-12 Class 1

