

Air circuit breakers DMX³ 6300

5000 A and 6300 A



Electronic protection units for DMX³ 2500, 4000 and 6300



0 284 81 + 0 283 06

Dimensions p. 232
Electrical characteristics p. 233 to 235

Automatic air circuit breakers must be equipped with electronic protection unit, imperatively ordered together for factory assembly. Please ask for DMX³ order form. Conform to IEC 60947-2.

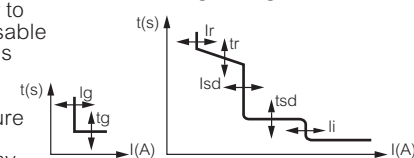
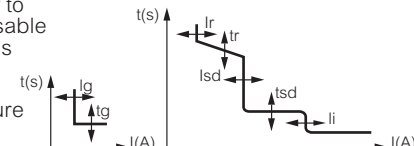
Pack	Cat.Nos	Fixed version
		Supplied with: - 2 auxiliary contacts: NO/NC - rear terminals for horizontal connection with bars - door sealing
		DMX³ - L 6300 Breaking capacity I _{cu} 100 kA (415 V~)
		In(A) 5000 6300
1	0 284 80 0 284 82	
1	0 284 81 0 284 83	
		Draw-out version Supplied with: - 2 auxiliary contacts: NO/NC - draw-out base and kit - flat rear terminals for connection with bars - door sealing
		DMX³ - L 6300 Breaking capacity I _{cu} 100 kA (415 V~)
		In(A) 5000 6300
1	0 284 85 0 284 87	
1	0 284 86 0 284 88	



0 283 04 0 283 06 4 149 45 4 149 40

DMX³ circuit breakers must be equipped with electronic protection units (to be ordered together for factory assembly) enabling very precise adjustments of the protection conditions, while maintaining total discrimination with downstream devices.

Pack	Cat.Nos	MP2.10 protection units with LED matrix screen
		Integrated LED matrix screen to show electrical values and settings Adjustment via rotating encoder Adjustment of I _r , t _r , i _{sd} , t _{sd} , I _i , I _g and t _g Possibility to enable/disable protections Without mesure With mesure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log
		JANUARY 2024
1	0 283 04	
1	0 283 05 ¹	
		MP4.10 protection units with LCD screen Integrated LCD screen for displaying electrical values, settings and log Equipped with batteries for powering in case of main fault or when the breaker is open or not connected Adjustment via rotating encoder Adjustment of I _r , t _r , i _{sd} , t _{sd} , I _i , I _g and t _g Possibility to enable/disable protections Without mesure With mesure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log
		JANUARY 2024
1	0 283 06	
1	0 283 07 ¹	
		Bluetooth communication key USB key for Bluetooth communication with DMX ³ protection units. Needed to remotely configure, monitor and manage the DMX ³ protection units through EnerUp + Project App USB connection port on front of protection unit
1	0 283 10 ²	
		Power supply module 500 mA 12V _{DC} stabilized power supply module for CX ³ energy management system
1	4 149 45	Number of modules 1
		Communication interface RS485 / CX ³ energy management system conversion Consumption: 0.344 W - 28.7 mA (12 V _{DC})
1	4 149 40	Number of modules 1
		External neutral For DMX ³ 6300 For DMX ³ 2500 and DMX ³ 4000
1	0 281 97 ³	
1	0 281 98 ³	



1: For the correct working of metering function it's necessary to connect a CX³ EMS power supply module Cat.No 4 149 45
2: EnerUp + Project App for smartphone and tablet available on Apple Store and Google Play. Configuration, monitoring and management software (PCS) available for download via e-catalogue (does not require the use of Bluetooth communication key Cat.No 0 283 10)
3: Optional accessories, to be ordered when ordering electronic protection unit and DMX³ air circuit breakers for factory assembly