

# Air circuit breakers DMX-SP 4000

from 3200 A to 4000 A



6 702 71 + 0 283 06

Dimensions p. 210-211  
Technical characteristics p. 205

Automatic air circuit breakers must be equipped with DMX-SP 4000 electronic protection units Cat.Nos 0 238 04/05/06/07, imperatively ordered together for factory assembly  
Please ask for DMX-SP order form  
Conform to IEC 60947-2

Pack	Cat.Nos	Fixed version
		Supplied with - 1 auxiliary contact: NO/NC - door sealing
		<b>Breaking capacity Icu 50 kA (415 V~)</b>
		In (A)
1	6 702 60   6 702 62	3200
1	6 702 61   6 702 63	4000
		<b>Breaking capacity Icu 65 kA (415 V~)</b>
1	6 702 65   6 702 67	3200
1	6 702 66   6 702 68	4000

Pack	Cat.Nos	Draw-out version
		Supplied with: - 1 auxiliary contact: NO/NC - door sealing To be installed on a draw-out base Cat.No 6 696 12 or 6 696 13
		<b>Breaking capacity Icu 50 kA (415 V~)</b>
		In (A)
1	6 702 70   6 702 72	3200
1	6 702 71   6 702 73	4000
		<b>Breaking capacity Icu 65 kA (415 V~)</b>
1	6 702 75   6 702 77	3200
1	6 702 76   6 702 78	4000

Pack	Cat.Nos	Draw-out base
1	6 696 12   6 696 13	For DMX-SP/DMX-SP-I 4000

Old range DMX-SP 4000  
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# DMX-SP 4000 electronic protection units



0 283 04

0 283 06

4 149 45

4 149 40

DMX-SP 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  
Conform to IEC 60947-2

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 Ir, tr, isd, tsd, li, Ig and tg Possibility to enable/disable protections Without measure With measure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log
1	0 283 04	
1	0 283 05 <sup>1</sup>	
		<b>MP4.10 protection units with LCD screen</b>
		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 Ir, tr, isd, tsd, li, Ig and tg Possibility to enable/disable protections Without measure With measure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log
1	0 283 06	
1	0 283 07 <sup>1</sup>	
		<b>Power supply module</b>
1	4 149 45	500 mA 12V = stabilized power supply module for CX <sup>3</sup> energy management system
		<b>Communication interface</b>
1	4 149 40	RS485 / CX <sup>3</sup> energy management system conversion Consumption: 0.344 W - 28.7 m~ (12 V=)
		<b>External neutral</b>
1	0 281 98 <sup>3</sup>	For DMX-SP 4000
		<b>Bluetooth communication key</b>
1	0 283 10 <sup>2</sup>	USB key for Bluetooth communication with DMX <sup>3</sup> protection units. Needed to remotely configure, monitor and manage the DMX <sup>3</sup> protection units through EnerUp + Project App USB connection port on front of protection unit

1: For the correct working of metering function it's necessary to connect a CX<sup>3</sup> 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 DMX-SP air circuit breakers for factory assembly