Air circuit breakers DMX-SP 2500

from 630 A to 2500 A

6 702 20 + 0 283 02

6 702 44 + 0 283 00

Dimensions **p. 208-209**
Technical characteristics **p. 201**

Automatic air circuit breakers must be equipped with DMX-SP 2500 electronic protection units Cat.No 0 283 00/01/02/03, imperatively ordered together for factory assembly
Please ask for DMX-SP order form
Conform to IEC 60947-2

Fixed version

Supplied with
- 1 auxiliary contact: NO/NC
- door sealing

JANUARY 2024

Frame 2500

Breaking capacity Icu 42 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	6 702 00	6 702 07	630
1	6 702 01	6 702 08	800
1	6 702 02	6 702 09	1000
1	6 702 03	6 702 10	1250
1	6 702 04	6 702 11	1600
1	6 702 05	6 702 12	2000
1	6 702 06	6 702 13	2500

Breaking capacity Icu 50 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	6 702 14	6 702 21	630
1	6 702 15	6 702 22	800
1	6 702 16	6 702 23	1000
1	6 702 17	6 702 24	1250
1	6 702 18	6 702 25	1600
1	6 702 19	6 702 26	2000
1	6 702 20	6 702 27	2500

Draw-out version

Supplied with:
- 1 auxiliary contact: NO/NC
- door sealing

To be installed on a draw-out base Cat.No 6 696 10 or 6 696 11

JANUARY 2024

Frame 2500

Breaking capacity Icu 42 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	6 702 30	6 702 37	630
1	6 702 31	6 702 38	800
1	6 702 32	6 702 39	1000
1	6 702 33	6 702 40	1250
1	6 702 34	6 702 41	1600
1	6 702 35	6 702 42	2000
1	6 702 36	6 702 43	2500

Breaking capacity Icu 50 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	6 702 44	6 702 51	630
1	6 702 45	6 702 52	800
1	6 702 46	6 702 53	1000
1	6 702 47	6 702 54	1250
1	6 702 48	6 702 55	1600
1	6 702 49	6 702 56	2000
1	6 702 50	6 702 57	2500

Draw-out base

Pack	Cat.Nos 3P	Cat.Nos 4P	
1	6 696 10	6 696 11	For DMX-SP/DMX-SP-I 2500

Old range DMX-SP 2500
p. 203

DMX-SP 2500 electronic protection units

0 283 00

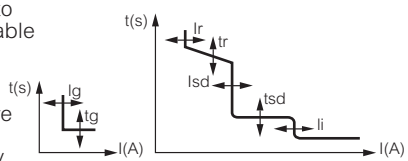
0 283 02

4 149 45

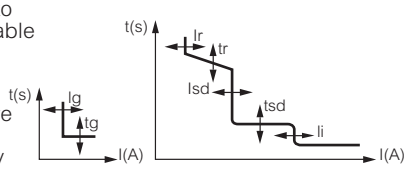
4 149 40

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, Ii, Ig and tg Possibility to enable/disable protections
	JANUARY 2024	
1	0 283 00	Without mesure
1	0 283 01[1]	With mesure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log



Pack	Cat.Nos	
		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 Ir, tr, isd, tsd, Ii, Ig and tg Possibility to enable/disable protections
	JANUARY 2024	
1	0 283 02	Without mesure
1	0 283 03[1]	With mesure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log



Pack	Cat.Nos		Number of modules
1	4 149 45	**Power supply module** 500 mA 12 V⎓ stablized power supply module for CX³ energy management system	1
1	4 149 40	**Communication interface** RS485 / CX³ energy management system conversion Consumption: 0.344 W - 28.7 m~ (12 V⎓)	1
	JANUARY 2024		
1	6 696 20[3]	**External neutral** For DMX-SP 2500	
	JANUARY 2024		
1	0 283 10[2]	**Bluetooth communication key** USB key for Bluetooth communication with DMX³ protection units. Needed to remotely configure, monitor and manage the DMX³ 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 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 DMX-SP air circuit breakers for factory assembly

Red catalogue numbers: New products