

# Air circuit breakers DMX<sup>3</sup> 1600

from 630 A to 1600 A



# DMX<sup>3</sup> 1600 electronic protection units



0 283 34 + 0 283 00 (factory assembly)

Dimensions p. 226-227  
Electrical characteristics p. 225

Automatic air circuit breakers must be equipped with DMX<sup>3</sup> 1600 electronic protection units Cat.Nos 0 283 00/01/02/03, imperatively ordered together for factory assembly  
Please ask for DMX<sup>3</sup> 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 42 kA (415 V~)</b>
			In (A)
	3P	4P	
1	0 283 20	0 283 25	630
1	0 283 21	0 283 26	800
1	0 283 22	0 283 27	1000
1	0 283 23	0 283 28	1250
1	0 283 24	0 283 29	1600
			<b>Breaking capacity Icu 50 kA (415 V~)</b>
1	0 283 30	0 283 35	630
1	0 283 31	0 283 36	800
1	0 283 32	0 283 37	1000
1	0 283 33	0 283 38	1250
1	0 283 34	0 283 39	1600
			<b>Draw-out version</b>
			Supplied with: - 1 auxiliary contact: NO/NC - door sealing To be installed on a draw-out base Cat.No 0 281 53 or 0 281 54
			<b>Breaking capacity Icu 42 kA (415 V~)</b>
			In (A)
	3P	4P	
1	0 283 40	0 283 45	630
1	0 283 41	0 283 46	800
1	0 283 42	0 283 47	1000
1	0 283 43	0 283 48	1250
1	0 283 44	0 283 49	1600
			<b>Breaking capacity Icu 50 kA (415 V~)</b>
1	0 283 50	0 283 55	630
1	0 283 51	0 283 56	800
1	0 283 52	0 283 57	1000
1	0 283 53	0 283 58	1250
1	0 283 54	0 283 59	1600
			<b>Draw-out base</b>
1	3P	4P	0 281 53 0 281 54
			For DMX <sup>3</sup> and DMX <sup>3</sup> -I 1600 Cat.No 0 283 40 to 0 283 59 and 0 284 90 to 0 284 99 (p. 213)



0 283 00      0 283 02      4 149 45      4 149 40

DMX<sup>3</sup> 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 I <sub>r</sub> , t <sub>r</sub> , i <sub>sd</sub> , t <sub>sd</sub> , I <sub>i</sub> , I <sub>g</sub> and t <sub>g</sub> 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 00		
1	0 283 01 <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 mains fault or when the breaker is open or not connected Adjustment via rotating encoder Adjustment of I <sub>r</sub> , t <sub>r</sub> , i <sub>sd</sub> , t <sub>sd</sub> , I <sub>i</sub> , I <sub>g</sub> and t <sub>g</sub> 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 02		
1	0 283 03 <sup>1</sup>		
		<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	
		<b>Power supply module</b>	
1	4 149 45	500 mA 12 V <sub>DC</sub> stabilized power supply module for CX <sup>3</sup> energy management system	Number of modules 1
		<b>Communication interface</b>	
1	4 149 40	RS485 / CX <sup>3</sup> energy management system conversion Consumption: 0.344 W - 28.7 mA (12 V=)	Number of modules 1
		<b>External neutral</b>	
1	0 281 25 <sup>3</sup>	For DMX <sup>3</sup> 1600	

Old range DMX<sup>3</sup> 1600  
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Auxiliaries and accessories  
for DMX<sup>3</sup> 1600 p. 214



Red catalogue numbers: New products

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<sup>3</sup> air circuit breakers for factory assembly