

Air circuit breakers DMX³ 6300

5000 and 6300 A



0 289 51 + 0 288 02

Dimensions **see e-catalogue**
 Electrical characteristics **see e-catalogue**

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
	Frame 6300		Supplied with
			- 4 auxiliary contacts: NO/NC
			- rear terminals for horizontal connection with bars
			- door sealing
			DMX³ - L 6300
			Breaking capacity I _{cu} 100 kA (415 V~)
	3P	4P	In(A)
1	0 289 50	0 289 60	5000
1	0 289 51	0 289 61	6300

Pack	Cat.Nos		Draw-out version
	Frame 6300		Supplied with:
			- 4 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~)
	3P	4P	In(A)
1	0 289 52	0 289 62	5000
1	0 289 53	0 289 63	6300

Dimensions of DMX³ range,
see e-catalogue



Electronic protection units for DMX³ 2500, 4000 and 6300



0 288 02



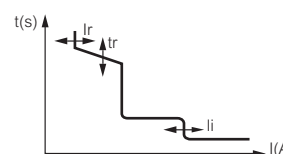
0 288 03

Settings and curves **see e-catalogue**

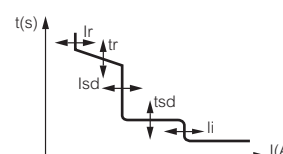
DMX³ circuit breakers must be equipped with electronic protection units (to be ordered together for factory assembly) enabling very precise adjustments of the protection conditions, while maintaining total discrimination with downstream devices
 All protection units are equipped with batteries for powering in case of mains fault or when the breaker is open or not connected

MP4 protection units with LCD screen
 Integrated LCD screen for displaying electrical values, settings and log
 Adjustment via selector switches

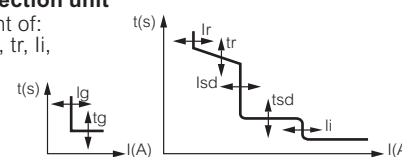
LI protection unit
 Adjustment of: I_l, I_r, t_r



LSI protection unit
 Adjustment of: I_{sd}, t_{sd}, I_r, t_r and I_l



LSIg protection unit
 Adjustment of: I_{sd}, t_{sd}, I_r, t_r, I_l, I_g and t_g



MP6 touch screen protection units
 Measure and display instantaneous, maximum and average values of different electrical values and protection conditions
 Fault signalling and log

LSI protection unit
 Adjustment of: I_{sd}, t_{sd}, I_r, t_r and I_l

LSIg protection unit
 Adjustment of: I_{sd}, t_{sd}, I_r, t_r, I_l, I_g and t_g

Pack	Cat.Nos	Accessories for electronic protection units
1	0 288 05 ¹	Communication option for DMX ³ electronic protection units
1	0 288 06	24 V DC external auxiliary power supply
1	0 288 10 ¹	External neutral for DMX ³ 6300
1	0 288 11 ¹	External neutral for DMX ³ 2500 and 4000
1	0 288 12 ¹	Module programmable output

¹: Optional accessories, to be ordered when ordering electronic protection unit and DMX³ air circuit breakers for factory assembly