

CX³ energy management system (continued)



Conform to IIEC/EN 61131-2 (Programmable controllers)

CX³ energy management system enables to measure, control and visualize the state of rail mounting protection devices (MCBs, RCCBs, RCBOs, etc...) or head equipment (ACBs, MCCBs, etc...), locally ("Stand alone") or remotely. All the modules of the system are equipped with two specific communication ports: one at the backside (for communication rail) and one underneath (for patch cords). Power supply with specific module Cat.No 4 149 45 (p. 101)

Remote configuration possible with the help of the Energy Management Configuration Software, available for free download via E-Catalogue (giving also access to a 30-day trial version of Energy Management Software Cat.No 4 149 38/39)

Pack	Cat.Nos	Stand alone configuration module	Number of modules	Pack	Cat.Nos	Communication interfaces	Number of modules
1	4 149 36 ¹	┌ rail mounting Optional module for "stand alone" supervision need Enables to configure, test and control CX ³ energy management system and to visualize supervision data No computer or IP connection required Consumption: 0.438 W - 36.5 mA (12 V =)	4	1	4 149 40	RS485 / CX³ energy management system RS485 / CX ³ energy management system conversion Consumption: 0.344 W - 28.7 mA (12 V =)	1
1	0 261 56	Door mounting touch screen Optional touch screen allowing to: - visualize information coming from DX ³ , DPX ³ and DMX ³ protection devices and EMDX ³ multi-function measuring units and - control protection devices equipped with the universal control module Cat.No 4 149 32 (p. 100) Can manage up to 9 devices Power supply: 18-30 V = IP connection For mounting on door or solid faceplate Door cut: 92 x 92 mm		1	0 046 89	RS485 / Ethernet RS485 / Ethernet conversion (for connection to an IP network)	3
1	4 149 38	Energy management software for 1 computer (user licence key) Allows remote configuration, test, control and visualization of data collected from EMDX ³ electrical energy meters and multi-function measuring units and CX ³ energy management system on one computer connected to the network 30-day free trial version available for download via E-Catalogue		1	4 149 45	Power supply module 500 mA 12 V = stabilized power supply module for CX ³ energy management system	1
1	4 149 39	Software licence agreement (user key) for 32 Modbus addresses or 32 pulse modules		1	4 149 01 ²	Connection accessories Communication rails To be fitted on ┌ rail or spacer Allows data transmission between the different modules of CX ³ energy supervision system 18 modules	
1	4 149 39	Software licence agreement (user key) 255 Modbus addresses or 255 pulse modules		1	4 149 02 ²	24 modules	
1	4 149 47	Energy management multi-support web servers Allow remote configuration, test, control and visualization, via a web browser on PCs, smartphones, web viewers, tablet computers, of data collected from: protection devices (DX ³ add-on modules with integrated measurement control unit, DPX ³ and DMX ³), EMDX ³ electricity meters and multi-function measuring units, CX ³ energy management system and Green'up charging stations for electric vehicles. ┌ rail mounting Direct IP connection Power supply: 9 to 28 V = with the help of a single-phase switching mode power supply Cat.No 1 467 21 (p. 97) to be ordered separately	4	1	4 149 03 ²	36 modules	
1	4 149 48	For 32 Modbus addresses or 32 pulse modules	4	1	4 149 07	Communication patch cords Allows data transmission between the different modules of CX ³ energy supervision system Can be used instead of communication rails or to create a link between two rows (individually connected with communication rails) Length 250 mm (10 patch cords)	
1	4 149 49	For 255 Modbus addresses or 255 pulse modules Supplied with external power supply and fixing brackets		1	4 149 08	Length 500 mm (10 patch cords)	
		Fixing on plate		1	4 149 09	Length 1000 mm (5 patch cords)	
				1	4 149 10	Communication patch cord connector Enables to extend communication patch cords length by clipping them together Max. length: 3 m	
				1	4 149 14	Plastic cover for communication rail Must be used for protection of the unused parts of the communication rail Length: 36 modules Can be cut to the required length. Fixing: direct clip on to the rail	

1: Enables upstream busbar connection
2: For other lengths, please consult us

