CAT. N° 4 149 18

MEASUREMENT MODULE CX³ - DIRECT CONNECTION UP TO 63A - 3 X SINGLE-PHASE + 3 COILS - 1 MODULE

Pack (number of units)	1
Volume (dm³)	0,332
Weight (g)	115,00

Product characteristics

Measurement modules
- For measuring current, voltage, active/reactive power and other values
- Conform to IEC/EN 61557-12
- Accuracy: class 0.5

Direct connection up to 63 A with closed Rogowski coils
- Allow the passage of prong-type supply busbars (upper side)
- Supplied with closed Rogowski coils
- 3 x single-phase measuring module + 3 coils
- Consumption: 0,418 W - 34,8 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Installation instructions & related documents
- LE08380AC

Installation & technical data
- F02335EN-03
- ModbusTable_EMS_414918_3x1PN_v1

CAT. N° 4 149 19

MEASUREMENT MODULE CX³ - DIRECT CONNECTION UP TO 63A - SINGLE-PHASE + COIL - 1 MODULE

Pack (number of units)	1
Volume (dm³)	0,332
Weight (g)	112,00

Product characteristics

Measurement modules
- For measuring current, voltage, active/reactive power and other values
- Conform to IEC/EN 61557-12
- Accuracy: class 0.5

Direct connection up to 63 A with closed Rogowski coils
- Allow the passage of prong-type supply busbars (upper side)
- Supplied with closed Rogowski coils
- Enables upstream busbar connection
- Single-phase measuring module and closed Rogowski coil up to 63 A
- Consumption: 0.409 W - 34.1 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.100)

Installation & technical data
- F02335EN-03
- ModbusTable_EMS_414919_1PN_v1
- Instal-Manual-RA00163AB-EN

Installation instructions & related documents
- LE08380AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 20

MEASUREMENT MODULE CX³ - DIRECT CONNECTION UP TO 63A - 3-PHASE + 3 COILS - 1 MODULE

Pack (number of units)	1
Volume (dm³)	0,332
Weight (g)	136,00

Product characteristics

Measurement modules
- For measuring current, voltage, active/reactive power and other values
- Conform to IEC/EN 61557-12
- Accuracy: class 0.5

Direct connection up to 63 A with closed Rogowski coils
- Allow the passage of prong-type supply busbars (upper side)
- Supplied with closed Rogowski coils
- Enables upstream busbar connection
- 3-phase measuring module and closed
- Rogowski coil up to 63 A
- Consumption: 0.418 W - 34.8 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.100)

Installation & technical data
- F02335EN-03
- ModbusTable_EMS_414920_3PN_v1
- ModbusTable_EMS_414920_3P_v1
- Instal-Manual-RA00163AB-EN

Installation instructions & related documents
- LE08380AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 21

MEASUREMENT MODULE CX³ - DIRECT CONNECTION UP TO 125A - THREE-PHASE + 3 COILS - 1 MODULE

Pack (number of units)	1
Volume (dm³)	0,332
Weight (g)	138,00

Product characteristics

Measurement modules
- For measuring current, voltage, active/reactive power and other values
- Conform to IEC/EN 61557-12
- Accuracy: class 0.5

Direct connection up to 125 A with closed Rogowski coils
- Allow the passage of prong-type supply busbars (upper side)
- Supplied with closed Rogowski coils
- 3-phase measuring module + 3 coils
- Consumption: 0.418 W - 34.8 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

⚒ Installation instructions & related documents
- LE08380AC

📖 Installation & technical data
- F02335EN-03
- ModbusTable_EMS_414921_3PN_v1
- ModbusTable_EMS_414921_3P_v1

CAT. N° 4 149 22

MEASUREMENT MODULE CX³ DIRECT CONNECTION WITH OPEN FLEXIBLE ROGOWSKI COIL - 3-PHASE + 3 COILS UP TO 630A

Pack (number of units)	1
Volume (dm³)	3,276
Weight (g)	501,00

Product characteristics

Measurement modules
- For measuring current, voltage, active/reactive power and other values
- Conform to IEC/EN 61557-12
- Accuracy: class 0.5

Direct connection with open, fexible Rogowski coils
- Allow the passage of prong-type supply busbars (upper side)
- Supplied with opened, fexible Rogowski coils and fixing supports for busbars
- 3-phase measuring module + 3 coils up to 630 A
- Consumption: 0.418 W - 34.8 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

🛠 **Installation instructions & related documents**
- LE11697AA

📖 **Installation & technical data**
- F03110EN-00
- ModbusTable_EMS_414922-24-25-27_3PN
- ModbusTable_EMS_414922-24-25-27_3P_v1

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CAT. N° 4 149 23

MEASUREMENT MODULE CX³ - CONNECTION WITH CT - 5 A - 1 MODULE

Pack (number of units)	1
Volume (dm³)	0,332
Weight (g)	104,00

Product characteristics

Measurement modules
- For measuring current, voltage, active/reactive power and other values
- Conform to IEC/EN 61557-12
- Accuracy: class 0.5

Connection with CT
- 5 A measuring module connected via current transformers (CT)
- Consumption: 0.391 W - 32.6 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.100)

Installation & technical data
- F02336EN-03
- ModbusTable_EMS_414923_1PN_v1
- ModbusTable_EMS_414923_3PN_v1
- ModbusTable_EMS_414923_3P_v1
- Instal-Manual-RA00163AB-EN

Installation instructions & related documents
- LE08380AC

Softwares
- Legrand Energy Management Software

* All prices given are the manufacturer's list prices for professional customers, and are given for information only. They are not to be considered as a mandatory retail price - Basis : before-tax price list, May 2018

The information given in this e-catalogue (characteristics and dimensions) may be amended, and therefore does not represent an undertaking on our part. The e-catalogue is reserved for professionals only. You are also reminded that all products must be installed by a qualified professional in accordance with the installation rules.

CAT. N° 4 149 24

MEASUREMENT MODULE CX³ DIRECT CONNECTION WITH OPEN FLEXIBLE ROGOWSKI COIL - 3-PHASE + 3 COILS UP TO 1600A

Pack (number of units)	1
Volume (dm³)	3,276
Weight (g)	545,00

Product characteristics

Measurement modules
- For measuring current, voltage, active/reactive power and other values
- Conform to IEC/EN 61557-12
- Accuracy: class 0.5
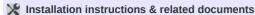
Direct connection with open, fexible Rogowski coils
- Allow the passage of prong-type supply busbars (upper side)
- Supplied with opened, fexible Rogowski coils and fixing supports for busbars
- 3-phase measuring module + 3 coils up to 1600 A
- Consumption: 0.418 W - 34.8 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Installation instructions & related documents
- LE11697AA

Installation & technical data
- F03110EN-00
- ModbusTable_EMS_414922-24-25-27_3PN
- ModbusTable_EMS_414922-24-25-27_3P_v1

CAT. N° 4 149 25

MEASUREMENT MODULE CX³ DIRECT CONNECTION WITH OPEN FLEXIBLE ROGOWSKI COIL - 3-PHASE + 3 COILS UP TO 3200A

Pack (number of units)	1
Volume (dm³)	7,171
Weight (g)	653,00

Product characteristics

Measurement modules
- For measuring current, voltage, active/reactive power and other values
- Conform to IEC/EN 61557-12
- Accuracy: class 0.5

Direct connection with open, fexible Rogowski coils
- Allow the passage of prong-type supply busbars (upper side)
- Supplied with opened, fexible Rogowski coils and fixing supports for busbars
- 3-phase measuring module + 3 coils up to 3200 A
- Consumption: 0.418 W - 34.8 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

⚒ Installation instructions & related documents
- LE11697AA

📖 Installation & technical data
- F03110EN-00
- ModbusTable_EMS_414922-24-25-27_3PN
- ModbusTable_EMS_414922-24-25-27_3P_v1

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CAT. N° 4 149 27

MEASUREMENT MODULE CX³ DIRECT CONNECTION WITH OPEN FLEXIBLE ROGOWSKI COIL - 3-PHASE + 3 COILS UP TO 6300A

Pack (number of units)	1
Volume (dm³)	7,171
Weight (g)	748,00

Product characteristics

Measurement modules
- For measuring current, voltage, active/reactive power and other values
- Conform to IEC/EN 61557-12
- Accuracy: class 0.5

Direct connection with open, fexible Rogowski coils
- Allow the passage of prong-type supply busbars (upper side)
- Supplied with opened, fexible Rogowski coils and fixing supports for busbars
- 3-phase measuring module + 3 coils up to 6300 A
- Consumption: 0.418 W - 34.8 mA (12 V =)

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

🔧 **Installation instructions & related documents**	📖 **Installation & technical data**
▪ LE11697AA	▪ F03110EN-00
	▪ ModbusTable_EMS_414922-24-25-27_3PN
	▪ ModbusTable_EMS_414922-24-25-27_3P_v1

CAT. N° 4 149 15

EXTENSION KIT FOR ROGOWSKI COILS FOR CX³ MEASUREMENT MODULE - LENGTH 1M

Pack (number of units)	1
Volume (dm³)	0,252
Weight (g)	50,00

Product characteristics

Extension kits for Rogowski coils
- Supplied with connectors
- Lenght : 1 m

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Installation instructions & related documents
- LE11697AA

Installation & technical data
- F02335EN-03
- F03110EN-00

CAT. N° 4 149 16

EXTENSION KIT FOR ROGOWSKI COILS FOR CX³ MEASUREMENT MODULE - LENGTH 3M

Pack (number of units)	1
Volume (dm³)	0,468
Weight (g)	128,00

Product characteristics

Extension kits for Rogowski coils
- Supplied with connectors
- Lenght : 3 m

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Installation instructions & related documents
- LE11697AA

Installation & technical data
- F02335EN-03
- F03110EN-00

CAT. N° 4 149 26

PULSE CONCENTRATOR CX³ - UP TO 3 PULSE CIRCUITS - 1 MODULE

Pack (number of units)	1
Volume (dm³)	0,219
Weight (g)	63,00

Product characteristics

Pulse concentrator
- Enables upstream busbar connection
- For collecting and transmitting measurements taken by universal pulse energy meters (water, gas, etc…)
- Up to 3 pulse circuits
- Consumption: 0.288 W - 24 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.100)

Installation & technical data
- F02337EN-03
- ModbusTable_EMS_414926_v1
- Instal-Manual-RA00163AB-EN
- ModbusTable EMS 414926

Installation instructions & related documents
- LE08380AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 29

STATE REPORTING MODULESULE CX³ - AUXILIARY + FAULT SIGNALLING CONTACT - 0.5 MODULE

Pack (number of units)	1
Volume (dm³)	0,219
Weight (g)	55,00

Product characteristics

State reporting modules

Auxiliary + fault signalling contact
- Enables upstream busbar connection
- Indicates the position of the contacts and the fault tripping of its associated device.
- To fit on the left-hand side of DX3 MCBs, RCCBs, RCBOs and isolating switches
- Consumption: 0.236 W - 19.7 mA (12 V =)
- Number of modules : 0.5

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.100)

Installation & technical data
- F02334EN-03
- ModbusTable_EMS_414929_v1
- ModbusTable EMS 414929

Installation instructions & related documents
- LE08383AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 30

STATE REPORTING MODULES CX³ - UNIVERSAL SIGNALLING - 3 LED LIGHTS - 1 MODULE

Pack (number of units)	1
Volume (dm³)	0,219
Weight (g)	62,00

Product characteristics

State reporting modules

Universal signalling module
- Enables upstream busbar connection
- Equipped with 3 LED lights: green, red and yellow
- Indicates various type of information, according to selected configuration:
- contacts position, plugged-in or drawn-out product, etc…
- Equipped with DIP switches (on the side) allowing product configuration: selection of information type and of the LED behaviour
- Compatible with symmetrical rail mounting protection devices or head equipment (DMX³ and DPX³)
- Consumption: 0.377 W - 31.4 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.100)

Installation & technical data
- F02332EN-03
- ModbusTable_EMS_414930_Break Posit_v1
- ModbusTable_EMS_414930_Break Stat_v1
- ModbusTable_EMS_414930_Contactor_v1
- ModbusTable_EMS_414930_Gen Input_v1
- ModbusTable_EMS_414930_Spring Stat_v1
- Instal-Manual-RA00163AB-EN
- MODBUS TABLE EMS 414930 State Breaker
- MODBUS TABLE EMS 414930 State GenericInput
- MODBUS TABLE EMS 414930 State Position
- MODBUS TABLE EMS 414930 State Spring

Installation instructions & related documents
- LE08383AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 32

UNIVERSAL CONTROL MODULES CX³ - 2 RELAYS 240 V~ - 6 A - 1 MODULE

Pack (number of units)	1
Volume (dm³)	0,219
Weight (g)	62,00

Product characteristics

Universal control module
- Enables upstream busbar connection
- 2 relays: 240 V~ - 6 A
- Enables to remotely control different electrical loads or motorised controls associated to symmetrical rail mounting protection devices or head equipment (DPX³ MCCBs)
- Equipped with DIP switches (on the side) allowing product configuration: contact type (NO + NC, 2 NO, etc...) and function (maintained or momentary contact)
- Consumption: 0.456 W - 38 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.100)

Installation & technical data
- F02333EN-02
- ModbusTable_EMS_414932_Breaker_v1
- ModbusTable_EMS_414932_Contactor_v1
- ModbusTable_EMS_414932_Generic_v1
- Instal-Manual-RA00163AB-EN
- MODBUS TABLE EMS 414932 Command Breaker
- MODBUS TABLE EMS 414932 Command GenericOutput

Installation instructions & related documents
- LE08383AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 31

CONTROL & STATE REPORTING MODULES CX³ - FOR LATCHING RELAY OR CONTACTOR - 1 MODULE

Pack (number of units)	1
Volume (dm³)	0,332
Weight (g)	89,00

Product characteristics

Control and state reporting module

For CX³ latching relays and 1 and 2-module contactors up to 25 A

- Enables upstream busbar connection
- Indicates the position of the contacts and enables remote control of its associated product
- Equipped with DIP switches (on the side) allowing product configuration: selection of the main product (latching relay or contactor).
- To fit on the left-hand side of the CX³ latching relays and contactors
- Consumption: 0.372 W - 31 mA (12 V =)
- Number of modules : 1

General characteristics

CX³ energy management system

- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.100)

Installation & technical data
- F02341EN-03
- ModbusTable_EMS_414931_Contactor_v1
- Instal-Manual-RA00163AB-EN
- MODBUS TABLE EMS 414931 Command Contactor
- MODBUS TABLE EMS 414931 State Contactor

Installation instructions & related documents
- LE08383AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 36

STAND ALONE CONFIGURATION MODULES CX³ - RAIL MOUNTING - 4 MODULES

Pack (number of units)	1
Volume (dm³)	0,716
Weight (g)	143,00

Product characteristics

Stand alone configuration module

Rail mounting
- Enables upstream busbar connection
- Optional module for "stand alone" supervision need
- Enables to configure, test and control CX³ energy management system and to visualize supervision data
- No computer or IP connection required
- Consumption: 0.438 W - 36.5 mA (12 V =)
- Number of modules : 4

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.101)

Installation & technical data
- F02340EN-03

Installation instructions & related documents
- LE08387AB

Softwares
- Legrand Energy Management Software

legrand®

CAT. N° 0 261 56

PANEL BOARD DISPLAY FOR DX-HP, DPX³, DMX³ OR EMDX³ - 18-30 V=

Pack (number of units)	1
Volume (dm³)	2,896
Weight (g)	329,00

Product characteristics

Door mounting touch screen
- Optional touch screen allowing to:
- visualize information coming from DX³, DPX³ and DMX³ protection devices and EMDX³ multi-function measuring units and
- control protection devices equipped with the universal control module Cat.No 4 149 32
- 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

General characteristics

DPX³ 160, 250, 630 and 1600 - power supervision system

Documentation

Catalogue pages & additional information
- Description page (p.101)
- Description page (p.154)

Firmwares
- Legrand Power Control Station software

Installation instructions & related documents
- LE05864AA
- LE08865AB
- LE08866AB
- RA00093AA_S_EN
- RA00093AA_T_EN
- RA00093AA_U_EN

CAT. N° 4 149 38

ENERGY MANAGEMENT SOFTWARE - FOR 32 MODBUS ADRESSES OR PULSE MODULES

Pack (number of units)	1
Volume (dm³)	0,105
Weight (g)	20,00

Product characteristics

Energy management software for 1 computer (user licence key)
- Allows remote configuration, test, control and visualization of data collected from EMDX³ electrical energy meters and multi-function measuring units and CX³ energy management system on one computer connected to the network
- 30-day free trial version available for download via E-Catalogue
- Software licence agreement (user key) for 32
- Modbus adresses or 32 pulse modules

General characteristics

Power supervision system - remote control, monitoring and measurement
- With the Legrand Power supervision system, circuit breakers are integrated in a supervision system
- You can therefore check the status of the circuit breakers, measure the electrical values and control the circuit breakers remotely
- MODBUS protocol

Documentation

Catalogue pages & additional information
- Description page (p.101)
- Description page (p.103)
- Description page (p.105)
- Technical page (p.108-109)

Installation & technical data
- Instal-Manual-RA00163AB-EN
- Para-Table-RA00163AB-EN
- Software-Manual-RA00163AB-EN

Installation instructions & related documents
- LE09516AA

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 39

ENERGY MANAGEMENT SOFTWARE - FOR 255 MODBUS ADRESSES OR PULSE MODULES

Pack (number of units)	1
Volume (dm³)	0,105
Weight (g)	19,00

Product characteristics

Energy management software for 1 computer (user licence key)
■ Allows remote configuration, test, control and visualization of data collected from EMDX³ electrical energy meters and multi-function measuring units and CX³ energy management system on one computer connected to the network
■ 30-day free trial version available for download via E-Catalogue
■ Software licence agreement (user key) 255 Modbus adresses or 255 pulse modules

General characteristics

Power supervision system - remote control, monitoring and measurement
■ With the Legrand Power supervision system, circuit breakers are integrated in a supervision system
■ You can therefore check the status of the circuit breakers, measure the electrical values and control the circuit breakers remotely
■ MODBUS protocol

Documentation

Catalogue pages & additional information
■ Description page (p.101)
■ Description page (p.103)
■ Description page (p.105)
■ Technical page (p.108-109)

Installation & technical data
■ Instal-Manual-RA00163AB-EN
■ Para-Table-RA00163AB-EN
■ Software-Manual-RA00163AB-EN

Installation instructions & related documents
■ LE09516AA

Softwares
■ Legrand Energy Management Software

CAT. N° 4 149 47

ENERGY MANAGEMENT MULTI-SUPPORT WEB SERVER FOR 10 MODULES BUS ADRESSES OR 10 PULSE MODULES

Pack (number of units)	1
Volume (dm³)	0,716
Weight (g)	174,00

Product characteristics

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 (DX³ add-on modules with integrated measurement control unit, DPX³ and DMX³), EMDX³ electricity meters and multi-function measuring units, CX³ 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 to be ordered separately
- For 10 Modbus adresses or 10 pulse modules
- Number of modules : 4

General characteristics

Power supervision system - remote control, monitoring and measurement
- With the Legrand Power supervision system, circuit breakers are integrated in a supervision system
- You can therefore check the status of the circuit breakers, measure the electrical values and control the circuit breakers remotely
- MODBUS protocol

Documentation

Catalogue pages & additional information
- Description page (p.101)
- Description page (p.103)
- Description page (p.105)
- Technical page (p.108-109)

Installation & technical data
- F02466EN-02
- RA00160AE_T_EN
- RA00160AE_U_EN
- RA00160AE_S_EN

Installation instructions & related documents
- LE10102AB

Softwares
- Legrand Energy Management Web Server Software

CAT. N° 4 149 48

ENERGY MANAGEMENT MULTI-SUPPORT WEB SERVER FOR 32 MODULES BUS ADRESSES OR 32 PULSE MODULES

Pack (number of units)	1
Volume (dm³)	0,716
Weight (g)	195,00

Product characteristics

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 (DX³ add-on modules with integrated measurement control unit, DPX³ and DMX³), EMDX³ electricity meters and multi-function measuring units, CX³ 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 to be ordered separately
■ For 32 Modbus adresses or 32 pulse modules
■ Number of modules : 4

General characteristics

Power supervision system - remote control, monitoring and measurement
■ With the Legrand Power supervision system, circuit breakers are integrated in a supervision system
■ You can therefore check the status of the circuit breakers, measure the electrical values and control the circuit breakers remotely
■ MODBUS protocol

Documentation

Catalogue pages & additional information
■ Description page (p.101)
■ Description page (p.103)
■ Description page (p.105)
■ Technical page (p.108-109)

Installation & technical data
■ F02466EN-02
■ RA00160AE_T_EN
■ RA00160AE_U_EN
■ RA00160AE_S_EN

Installation instructions & related documents
■ LE10102AB

Softwares
■ Legrand Energy Management Web Server Software

CAT. N° 4 149 49

ENERGY MANAGEMENT MULTI-SUPPORT WEB SERVER FOR 255 MODBUS ADRESSES OR 255 PULSE MODULES

Pack (number of units)	1
Volume (dm³)	7,752
Weight (g)	1 367,00

Product characteristics

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 (DX³ add-on modules with integrated measurement control unit, DPX³ and DMX³), EMDX³ electricity meters and multi-function measuring units, CX³ energy management system and Green'up charging stations for electric vehicles

Fixing on plate
- For 255 Modbus adresses or 255 pulse modules
- Supplied with external power supply and fixing brackets

General characteristics

Power supervision system - remote control, monitoring and measurement
- With the Legrand Power supervision system, circuit breakers are integrated in a supervision system
- You can therefore check the status of the circuit breakers, measure the electrical values and control the circuit breakers remotely
- MODBUS protocol

Documentation

Catalogue pages & additional information
- Description page (p.101)
- Description page (p.103)
- Description page (p.105)
- Technical page (p.108-109)

Installation & technical data
- F02556EN-01
- RA00161AE_T_EN
- RA00161AE_U_EN
- RA00161AE_S_EN

Installation instructions & related documents
- LE10471AB

Softwares
- Legrand Energy Management Web Server Software

CAT. N° 0 046 89

IPCONVERTER EMDX³ FOR RS 485 / ETHERNET CONVERSION - 2 MODULES

Pack (number of units)	1
Volume (dm³)	0,605
Weight (g)	154,00

Product characteristics

Accessories

IP converter
- RS485 / Ethernet conversion (for connection to an IP network)
- Number of modules : 3

General characteristics

Power supervision system - remote control, monitoring and measurement
- With the Legrand Power supervision system, circuit breakers are integrated in a supervision system
- You can therefore check the status of the circuit breakers, measure the electrical values and control the circuit breakers remotely
- MODBUS protocol

Documentation

Catalogue pages & additional information
- Description page (p.101)
- Description page (p.103)
- Description page (p.105)

Installation instructions & related documents
- LE05866AA

CAT. N° 4 149 40

COMMUNICATION INTERFACE CX³ FOR RS 485 / RAIL BUS CONVERSION - 1 MODULE

Pack (number of units)	1
Volume (dm³)	0,219
Weight (g)	62,00

Product characteristics

Communication interfaces

RS485 / CX³ energy management system
■ RS485 / CX³ energy management system conversion
■ Consumption: 0.344 W - 28.7 mA (12 V =)
■ Number of modules : 1

General characteristics

CX³ energy management system
■ Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
■ Power supply with specific module Cat.No 4 149 45
■ 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)

Documentation

Catalogue pages & additional information
■ Description page (p.101)

Installation & technical data
■ F02338EN-03
■ ModbusTable_EMS_414940_v1
■ Instal-Manual-RA00163AB-EN

Installation instructions & related documents
■ LE08388AB

Softwares
■ Legrand Energy Management Software

CAT. N° 4 149 45

POWER SUPPLY MODULES CX³ - 500 MA - 12 V= - 1 MODULE

Pack (number of units)	1
Volume (dm³)	0,219
Weight (g)	99,00

Product characteristics

Power supply module
- 500 mA 12 V = stablized power supply module for CX³ energy management system
- Number of modules : 1

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.101)

Installation & technical data
- F02339EN-03
- Instal-Manual-RA00163AB-EN

Installation instructions & related documents
- LE08378AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 01

COMMUNICATION RAIL CX³ - FOR RAIL OR SPACER - 18 MODULES

Pack (number of units)	1
Volume (dm³)	0,264
Weight (g)	44,00

Product characteristics

Connection accessories

Communication rails
- To be fitted on rail or spacer
- Allows data transmission between the different modules of CX³ energy supervision system
- For other lengths, please consult us
- 18 modules

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.101)

Installation & technical data
- F02339EN-03

Installation instructions & related documents
- LE08378AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 02

COMMUNICATION RAIL CX³ - FOR RAIL OR SPACER - 24 MODULES

Pack (number of units)	1
Volume (dm³)	0,196
Weight (g)	83,00

Product characteristics

Connection accessories

Communication rails
- To be fitted on rail or spacer
- Allows data transmission between the different modules of CX³ energy supervision system
- For other lengths, please consult us
- 24 modules

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.101)

Installation & technical data
- F02339EN-03

Installation instructions & related documents
- LE08378AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 03

COMMUNICATION RAIL CX³ - FOR RAIL OR SPACER - 36 MODULES

Pack (number of units)	1
Volume (dm³)	0,531
Weight (g)	126,00

Product characteristics

Connection accessories

Communication rails
- To be fitted on rail or spacer
- Allows data transmission between the different modules of CX³ energy supervision system
- For other lengths, please consult us
- 36 modules

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.101)

Installation & technical data
- F02339EN-03

Installation instructions & related documents
- LE08378AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 07

COMMUNICATION PATCH CORD CX³ - LENGTH 250 MM

Pack (number of units)	1
Volume (dm³)	0,162
Weight (g)	55,00

Product characteristics

Connection accessories

Communication patch cords
- Allows data transmission between the different modules of CX³ 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)

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.101)

Installation & technical data
- F02339EN-03

Installation instructions & related documents
- LE08378AC

Softwares
- Legrand Energy Management Software

COMMUNICATION PATCH CORD CX³ - LENGTH 500 MM

Pack (number of units)	1
Volume (dm³)	0,572
Weight (g)	93,00

Product characteristics

Connection accessories

Communication patch cords

- Allows data transmission between the different modules of CX³ energy supervision system
- Can be used instead of communication rails or to create a link between two rows (individually connected with communication rails)
- Length 500 mm (10 patch cords)

General characteristics

CX³ energy management system

- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.101)

Installation & technical data
- F02339EN-03

Installation instructions & related documents
- LE08378AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 09

COMMUNICATION PATCH CORD CX³ - LENGTH 1000 MM

Pack (number of units)	1
Volume (dm³)	0,396
Weight (g)	87,00

Product characteristics

Connection accessories

Communication patch cords
- Allows data transmission between the different modules of CX³ energy supervision system
- Can be used instead of communication rails or to create a link between two rows (individually connected with communication rails)
- Length 1000 mm (5 patch cords)

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.101)

Installation & technical data
- F02339EN-03

Installation instructions & related documents
- LE08378AC

Softwares
- Legrand Energy Management Software

CAT. N° 4 149 10

COMMUNICATION PATCH CORD CONNECTOR CX³ - MAX. LENGTH 3 M

Pack (number of units)	1
Volume (dm³)	0,041
Weight (g)	16,00

Product characteristics

Connection accessories

Communication patch cord connector
- ■ Enables to extend communication patch cords length by clipping them together
- ■ Max. length: 3 m

General characteristics

CX³ energy management system
- ■ Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- ■ Power supply with specific module Cat.No 4 149 45
- ■ 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)

Documentation

Catalogue pages & additional information
- ■ Description page (p.101)

Installation & technical data
- ■ F02339EN-03

Installation instructions & related documents
- ■ LE08378AC

Softwares
- ■ Legrand Energy Management Software

CAT. N° 4 149 14

PLASTIC COVER FOR COMMUNICATION RAIL CX³ - DIRECT FIXING ON RAIL - 36 MODULES

Pack (number of units)	1
Volume (dm³)	0,3
Weight (g)	67,00

Product characteristics

Connection accessories

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

General characteristics

CX³ energy management system
- Conform to IEC/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...) and head equipment (DMX³ and DPX³), 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 communication patch cords)
- Power supply with specific module Cat.No 4 149 45
- 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)

Documentation

Catalogue pages & additional information
- Description page (p.101)

Installation & technical data
- F02339EN-03

Installation instructions & related documents
- LE08378AC

Softwares
- Legrand Energy Management Software