



XLPro³

Tool Selectivity Backup



XL PRO3 TOOL Selectivity & Back-up User guide

Introduction XLPro³ Tool SB :

- Main Menu  and Quick access bar : 
 - **Start** : Create, Open
 - **Save** study
 - **Générales Informations** : Social reason, Term of use Privacy Policy
 - **Print** the selection.

XLPro³ Tool SB is the software enables display :

- a representation of device operating curves, thermal stress limit curves, and current limit curves. .
- The result of selectivities and Back-up between the selected products.
- The guide to Coordination between protection devices .
- Selectivity table.
- Back-up table.

Introduction

Presentation

selectivities and
Back-up & curves

Selectivity table
Back-up table

Print document

Glossary

XL PRO3 TOOL Selectivity & Back-up User guide

Introduction

Presentation

selectivities and
Back-up & curves

Selectivity table
Back-up table

Print document

Glossary

Quick access bar

Main menu

Strip : Select products / Tables Codes

The button indicates that data may be modified

Use arrows to move the device upstream or downstream

Right-click to display the menu:

- Change of color
- Change of product
- Delete
- Display Selectivity
- Display back-up

It will automatically filter the selectivity (back-up) values in the selectivity table (back-up table) tab. For more information, refer to the chapter on table tab operation.)

Polarity selection
ex : (3P+PEN ou 3P+PEN)
(2P ou P+N)

Help

Language

Selectivity guide of Legrand



Choice of curve type.

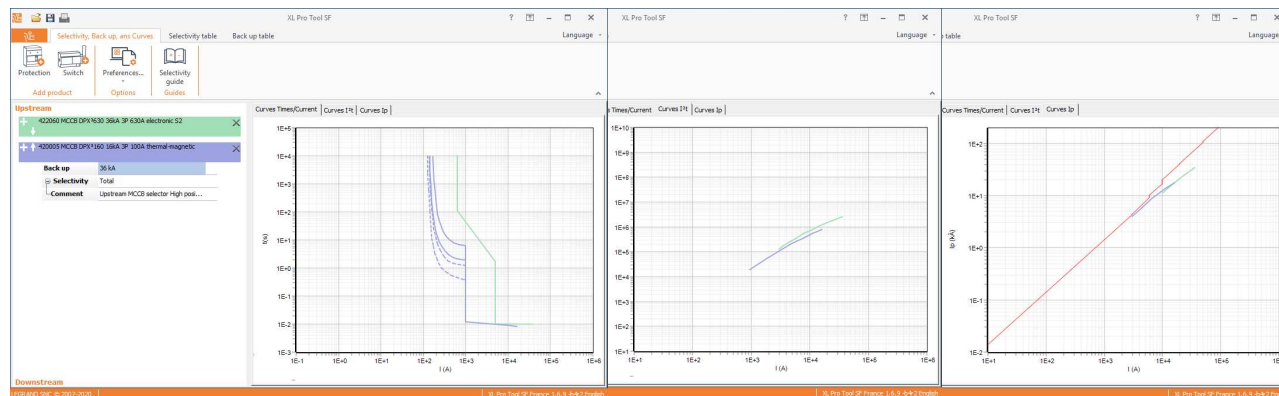
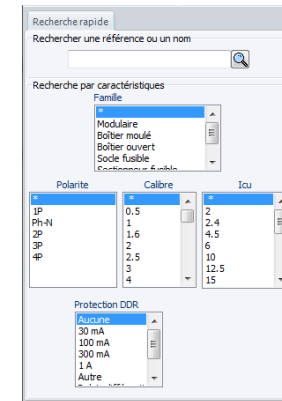
Delete selection :

Version of software

XL PRO3 TOOL Selectivity & Back-up User guide

Selectivity, back-up and curves :

- Choose a protection  a Switch 
 - Reference : Direct addition with the product reference
 - Technical characteristics : using the following filters :
 - Family, Polarity, Rating, Breaking capacity (Icu),
 - Earth leakage protection (option)
 - Repeat the procedure to add another product.
- Display of curves automatically:



XL PRO3 TOOL Selectivity & Back-up User guide

Selectivity table :

- The 'Table' filter can be used to filter some of the available information in the form of a modular table.
- After the choice of table, the filter for 'upstream code' and 'downstream code', the software will focus on the selectivity values for the 2 chosen families..

Preference menu \Color the grill :
(on screen, on print)

| (Data range in kA) | | In (A) >= | 10 | 16 | 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 |
|-------------------------|-----------|-----------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|
| DX ³ 10kA BC | In (A) <= | Ir (A) | 0.075 | 0.12 | 0.15 | 0.187 | 0.7 | 1.2 | 1.5 | 3 | 4 | T | T |
| | 6 | | 0.12 | 0.15 | 0.187 | 0.5 | 0.7 | 1 | 1.5 | 3 | 5 | T | T |
| | 10 | | 0.12 | 0.15 | 0.187 | 0.4 | 0.6 | 0.7 | 1.5 | 2.5 | 4 | 6 | |
| | 13 | | 0.12 | 0.15 | 0.187 | 0.3 | 0.5 | 0.7 | 1.3 | 2 | 3.6 | 5.5 | |
| | 16 | | 0.15 | 0.187 | 0.3 | 0.5 | 0.7 | 1.3 | 2 | 3.6 | 5.5 | | |
| | 20 | | 0.187 | 0.3 | 0.4 | 0.5 | 1 | 1.6 | 3 | 4 | | | |
| | 25 | | 0.24 | 0.4 | 0.5 | 0.8 | 1.3 | 2.4 | 3.3 | | | | |
| | 32 | | 0.3 | 0.5 | 0.6 | 1 | 1.8 | 2.7 | | | | | |
| | 40 | | 0.4 | 0.6 | 0.8 | 1.6 | 2.4 | | | | | | |
| | 50 | | 0.5 | 0.8 | 0.9 | 1.7 | | | | | | | |
| | 63 | | 0.65 | 0.9 | 1.2 | | | | | | | | |

LEGRAND SNC © 2007-2020 | T : Total selectivity, up to downstream circuit breaker breaking capacity acc | XL Pro Tool SF France 1.6.9 - 4/4/2 English

Back-up table :

- Choice of table, the filter for 'upstream code' 'downstream code' (see § G glossary) and voltage :

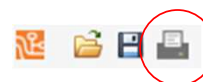
| (Data range in kA) | | In (A) | 16 | 25 | 40 | 63 | 80 | 160 |
|-------------------------|----|--------|----|----|----|----|----|-----|
| DX ³ 10kA BC | < | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 20 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 25 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 32 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 40 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 50 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 63 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |

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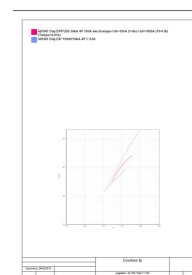
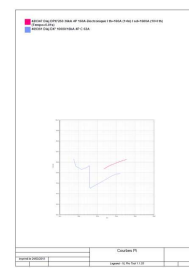
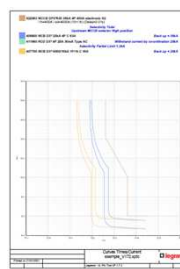
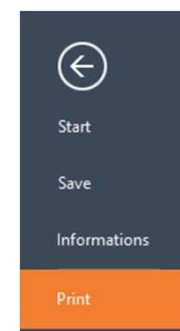
XL PRO3 TOOL Selectivity & Back-up User guide

Print document :

Access from the quick access bar or main menu :



The printed document depends on the tab chosen:



Introduction

Presentation

selectivities and
Back-up & curves

Selectivity table
Back-up table

Print document

Glossary

XL PRO3 TOOL Selectivity & Back-up User guide

Glossary :

| Code | Famille (Fra) | Familly (Eng) |
|-------------------------|---|---|
| 3ID2P230 | Inter diff DX ³ 2P - 230V | RCCB ³ 2P - 230V |
| 3ID4P400 | Inter diff DX ³ 4P - 400V | RCCB ³ 4P - 400V |
| aM | Fusible aM | Fuse aM |
| D13-13-25kA | DPX ³ 25kA pour déclaration D13-13 | DPX ³ 25kA French selectivity standard |
| D13-13-36kA | DPX ³ 36kA pour déclaration D13-13 | DPX ³ 36kA French selectivity standard |
| DMX | DMX tous PdC | DMX all breaking capacity |
| DMX ³ B 1600 | DMX ³ 1600 42kA | DMX ³ 1600 42kA |
| DMX ³ H 2500 | DMX ³ 2500 65kA | DMX ³ 2500 65kA |
| DMX ³ H 4000 | DMX ³ 4000 65kA | DMX ³ 4000 65kA |
| DMX ³ L 2500 | DMX ³ 2500 100kA | DMX ³ 2500 100kA |
| DMX ³ L 4000 | DMX ³ 4000 100kA | DMX ³ 4000 100kA |
| DMX ³ L 6300 | DMX ³ 6300 100kA | DMX ³ 6300 100kA |
| DMX ³ N 2500 | DMX ³ 2500 50kA | DMX ³ 2500 50kA |
| DMX ³ N 4000 | DMX ³ 4000 50kA | DMX ³ 4000 50kA |
| DNX | DNX - 230V | DNX - 230V |
| DPX 125 | DPX 125 tous PdC | DPX 125 all breaking capacity |
| DPX 125 16kA | DPX 125 16kA | DPX 125 16kA |
| DPX 125 25kA | DPX 125 25kA | DPX 125 25kA |
| DPX 125 36kA | DPX 125 36kA | DPX 125 36kA |
| DPX 1250 | DPX 1250 tous PdC | DPX 1250 all breaking capacity |
| DPX 160 | DPX 160 tous PdC | DPX 160 all breaking capacity |
| DPX 160 25kA | DPX 160 25kA | DPX 160 25kA |
| DPX 160 50kA | DPX 160 50kA | DPX 160 50kA |
| DPX 1600 | DPX 1600 tous PdC | DPX 1600 all breaking capacity |
| DPX 250 | DPX 250 tous PdC | DPX 250 all breaking capacity |
| DPX 250 AB | DPX 250 pour puissance surveillée (Tarif Jaune) | DPX 250 Low power |
| DPX 250 EL | DPX 250 Electronique tous PdC | DPX 250 Electronic all breaking capacity |
| DPX 250 ER | DPX 250 ER tous PdC | DPX 250 ER all breaking capacity |
| DPX 250 ER 25kA | DPX 250 ER 25kA | DPX 250 ER 25kA |
| DPX 250 ER 50kA | DPX 250 ER 50kA | DPX 250 ER 50kA |
| DPX 250 MT | DPX 250 Magnétothermique tous PdC | DPX 250 Thermal magnetic all breaking capacity |
| DPX 400 AB | DPX 400 pour puissance surveillée (Tarif Jaune) | DPX 400 Low power |
| DPX 630 | DPX 630 tous PdC | DPX 630 all breaking capacity |
| DPX 630 EL | DPX 630 Electronique tous PdC | DPX 630 Electronic all breaking capacity |

XL PRO3 TOOL Selectivity & Back-up User guide

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|-------------------------|---|---|
| 3ID2P230 | Inter diff DX ³ 2P - 230V | RCCB ³ 2P - 230V |
| 3ID4P400 | Inter diff DX ³ 4P - 400V | RCCB ³ 4P - 400V |
| aM | Fusible aM | Fuse aM |
| D13-13-25kA | DPX ³ 25kA pour déclaration D13-13 | DPX ³ 25kA French selectivity standard |
| D13-13-36kA | DPX ³ 36kA pour déclaration D13-13 | DPX ³ 36kA French selectivity standard |
| DMX | DMX tous PdC | DMX all breaking capacity |
| DMX ³ B 1600 | DMX ³ 1600 42kA | DMX ³ 1600 42kA |
| DMX ³ H 2500 | DMX ³ 2500 65kA | DMX ³ 2500 65kA |
| DMX ³ H 4000 | DMX ³ 4000 65kA | DMX ³ 4000 65kA |
| DMX ³ L 2500 | DMX ³ 2500 100kA | DMX ³ 2500 100kA |
| DMX ³ L 4000 | DMX ³ 4000 100kA | DMX ³ 4000 100kA |
| DMX ³ L 6300 | DMX ³ 6300 100kA | DMX ³ 6300 100kA |
| DMX ³ N 2500 | DMX ³ 2500 50kA | DMX ³ 2500 50kA |
| DMX ³ N 4000 | DMX ³ 4000 50kA | DMX ³ 4000 50kA |
| DNX | DNX - 230V | DNX - 230V |
| DPX 125 | DPX 125 tous PdC | DPX 125 all breaking capacity |
| DPX 125 16kA | DPX 125 16kA | DPX 125 16kA |
| DPX 125 25kA | DPX 125 25kA | DPX 125 25kA |
| DPX 125 36kA | DPX 125 36kA | DPX 125 36kA |
| DPX 1250 | DPX 1250 tous PdC | DPX 1250 all breaking capacity |
| DPX 160 | DPX 160 tous PdC | DPX 160 all breaking capacity |
| DPX 160 25kA | DPX 160 25kA | DPX 160 25kA |
| DPX 160 50kA | DPX 160 50kA | DPX 160 50kA |
| DPX 1600 | DPX 1600 tous PdC | DPX 1600 all breaking capacity |
| DPX 250 | DPX 250 tous PdC | DPX 250 all breaking capacity |
| DPX 250 AB | DPX 250 pour puissance surveillée (Tarif Jaune) | DPX 250 Low power |
| DPX 250 EL | DPX 250 Electronique tous PdC | DPX 250 Electronic all breaking capacity |
| DPX 250 ER | DPX 250 ER tous PdC | DPX 250 ER all breaking capacity |
| DPX 250 ER 25kA | DPX 250 ER 25kA | DPX 250 ER 25kA |
| DPX 250 ER 50kA | DPX 250 ER 50kA | DPX 250 ER 50kA |
| DPX 250 MT | DPX 250 Magnétothermique tous PdC | DPX 250 Thermal magnetic all breaking capacity |
| DPX 400 AB | DPX 400 pour puissance surveillée (Tarif Jaune) | DPX 400 Low power |
| DPX 630 | DPX 630 tous PdC | DPX 630 all breaking capacity |
| DPX 630 EL | DPX 630 Electronique tous PdC | DPX 630 Electronic all breaking capacity |

XL PRO3 TOOL Selectivity & Back-up User guide

Glossary :

| Code | Famille (Fra) | Familly (Eng) |
|---------------------------------|--|---|
| DPX ³ 250 36kA MT | DPX ³ 250 36kA Magnétothermique | DPX ³ 250 36kA Thermal magnetic |
| DPX ³ 250 50kA | DPX ³ 250 50kA | DPX ³ 250 50kA |
| DPX ³ 250 50kA EL | DPX ³ 250 50kA Electronique | DPX ³ 250 50kA Electronic |
| DPX ³ 250 50kA MT | DPX ³ 250 50kA Magnétothermique | DPX ³ 250 50kA Thermal magnetic |
| DPX ³ 250 70kA | DPX ³ 250 70kA | DPX ³ 250 70kA |
| DPX ³ 250 70kA EL | DPX ³ 250 70kA Electronique | DPX ³ 250 70kA Electronic |
| DPX ³ 250 70kA MA | DPX ³ 250 70kA Magnétique seul | DPX ³ 250 70kA Magnétique seul |
| DPX ³ 250 70kA MT | DPX ³ 250 70kA Magnétothermique | DPX ³ 250 70kA Thermal magnetic |
| DPX ³ 250 AB | DPX ³ 250 pour puissance surveillée (Tarif Jaune) | DPX ³ 250 Low power |
| DPX ³ 400 AB | DPX ³ 400 pour puissance surveillée (Tarif Jaune) | DPX ³ 400 Low power |
| DPX ³ 630 | DPX ³ 630 tous PdC | DPX ³ 630 all breaking capacity |
| DPX ³ 630 100kA | DPX ³ 630 100kA | DPX ³ 630 100kA |
| DPX ³ 630 100kA EL | DPX ³ 630 100kA Electronique | DPX ³ 630 100kA Electronic |
| DPX ³ 630 100kA MT | DPX ³ 630 100kA Magnétothermique | DPX ³ 630 100kA Thermal magnetic |
| DPX ³ 630 36kA | DPX ³ 630 36kA | DPX ³ 630 36kA |
| DPX ³ 630 36kA EL | DPX ³ 630 36kA Electronique | DPX ³ 630 36kA Electronic |
| DPX ³ 630 36kA MA_EL | DPX ³ 630 36kA Magnétothermique & Electronique | DPX ³ 630 36kA Thermal magnetic & Electronic |
| DPX ³ 630 36kA MT | DPX ³ 630 36kA Magnétothermique | DPX ³ 630 36kA Thermal magnetic |
| DPX ³ 630 50kA | DPX ³ 630 50kA | DPX ³ 630 50kA |
| DPX ³ 630 50kA EL | DPX ³ 630 50kA Electronique | DPX ³ 630 50kA Electronic |
| DPX ³ 630 50kA MT | DPX ³ 630 50kA Magnétothermique | DPX ³ 630 50kA Thermal magnetic |
| DPX ³ 630 70kA | DPX ³ 630 70kA | DPX ³ 630 70kA |
| DPX ³ 630 70kA EL | DPX ³ 630 70kA Electronique | DPX ³ 630 70kA Electronic |
| DPX ³ 630 70kA MA_EL | DPX ³ 630 70kA Magnétothermique & Electronique | DPX ³ 630 70kA Thermal magnetic & Electronic |
| DPX ³ 630 70kA MT | DPX ³ 630 70kA Magnétothermique | DPX ³ 630 70kA Thermal magnetic |
| DPX-H 1250 | DPX 1250 65kA | DPX 1250 65kA |
| DPX-H 1600 | DPX 1600 65kA | DPX 1600 65kA |
| DPX-H 250 | DPX 250 65kA | DPX 250 65kA |
| DPX-H 250 EL | DPX 250 65kA Electronique | DPX 250 65kA Electronic |
| DPX-H 250 MT | DPX 250 65kA Magnétothermique | DPX 250 65kA Thermal magnetic |
| DPX-H 630 | DPX 630 65kA | DPX 630 65kA |
| DPX-H 630 EL | DPX 630 65kA Electronique | DPX 630 65kA Electronic |
| DPX-H 630 MT | DPX 630 65kA Magnétothermique | DPX 630 65kA Thermal magnetic |
| DPX-L 1250 | DPX 1250 100kA Magnétothermique | DPX 1250 100kA Thermal magnetic |

XL PRO3 TOOL Selectivity & Back-up User guide

Glossary :

| Code | Famille (Fra) | Familly (Eng) |
|--------------------------|--|--|
| DPX-L 250 EL | DPX 250 100kA Electronique | DPX 250 100kA Electronic |
| DPX-L 250 MT | DPX 250 100kA Magnétothermique | DPX 250 100kA Thermal magnetic |
| DPX-L 630 EL | DPX 630 100kA Electronique | DPX 630 100kA Electronic |
| DPX-L 630 MT | DPX 630 100kA Magnétothermique | DPX 630 100kA Thermal magnetic |
| DPX-SBAM | DPX Electronique Amont SEL Low | DPX Electronic Upstream SEL Low |
| DPX-SBAV | DPX Electronique Aval SEL Low | DPX Electronic downstream SEL Low |
| DPX-SHAM | DPX Electronique Amont SEL High | DPX Electronic Upstream SEL High |
| DPX-SHAV | DPX Electronique Aval SEL High | DPX Electronic downstream SEL High |
| DX 10kA | DX 10kA (toutes courbes) | DX 10kA (all curves) |
| DX 25kA MA | DX 25kA Magnétique seul | DX 25kA Magnetic only |
| DX 4500 P+N C | DX 4500 P+N courbe C - 230V | DX 4500 P+N curve C - 230V |
| DX 50kA MA | DX 50kA Magnétique seul | DX 50kA Magnetic only |
| DX 6kA | DX 6kA (toutes courbes) | DX 6kA (all curves) |
| DX B | DX courbe B tous PdC | DX curve B all breaking capacity |
| DX B 10kA | DX 10kA courbe B | DX 10kA curve B |
| DX C | DX courbe C tous PdC | DX curve C all breaking capacity |
| DX C 10kA | DX 10kA courbe B | DX 10kA curve B |
| DX P+N B | DX P+N courbe B - 230V | DX P+N curve B - 230V |
| DX P+N C | DX P+N courbe C - 230V | DX P+N curve C - 230V |
| DX ³ 10kA B | DX ³ 10kA courbe B | DX ³ 10kA curve B |
| DX ³ 10kA BC | DX ³ 10kA courbe B et C | DX ³ 10kA curve B and C |
| DX ³ 10kA C | DX ³ 10kA courbe C | DX ³ 10kA curve C |
| DX ³ 10kA D | DX ³ 10kA courbe D | DX ³ 10kA curve D |
| DX ³ 16kA B | DX ³ 16kA courbe B | DX ³ 16kA curve B |
| DX ³ 16kA BC | DX ³ 16kA courbe B et C | DX ³ 16kA curve B and C |
| DX ³ 16kA C | DX ³ 16kA courbe C | DX ³ 16kA curve C |
| DX ³ 16kA D | DX ³ 16kA courbe D | DX ³ 16kA curve D |
| DX ³ 25kA B | DX ³ 25kA courbe B | DX ³ 25kA curve B |
| DX ³ 25kA BC | DX ³ 25kA courbe B et C | DX ³ 25kA curve B and C |
| DX ³ 25kA BCZ | DX ³ 25kA B courbe B , C et Z | DX ³ 25kA B curve B , C and Z |
| DX ³ 25kA C | DX ³ 25kA courbe C | DX ³ 25kA curve C |
| DX ³ 25kA D | DX ³ 25kA courbe D | DX ³ 25kA curve D |
| DX ³ 25kA MA | DX ³ 25kA Magnétique seul | DX ³ 25kA Magnetic only |
| DX ³ 25kA Z | DX ³ 25kA courbe Z | DX ³ 25kA curve Z |

XL PRO3 TOOL Selectivity & Back-up User guide

Glossary :

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|------------------------------|--|--|
| DX ³ 36kA C | DX ³ 36kA courbe C | DX ³ 36kA curve C |
| DX ³ 50kA B | DX ³ 50kA courbe B | DX ³ 50kA curve B |
| DX ³ 50kA BC | DX ³ 50kA courbe B et C | DX ³ 50kA curve B and C |
| DX ³ 50kA C | DX ³ 50kA courbe C | DX ³ 50kA curve C |
| DX ³ 50kA D | DX ³ 50kA courbe D | DX ³ 50kA curve D |
| DX ³ 50kA MA | DX ³ 50kA Magnétique seul | DX ³ 50kA Magnetic only |
| DX ³ 6kA BC | DX ³ 6kA courbe B et C | DX ³ 6kA curve B and C |
| DX ³ 6kA C | DX ³ 6kA courbe C | DX ³ 6kA curve C |
| DX ³ P+N 10kA | DX ³ P+N 10kA - 230V | DX ³ P+N 10kA - 230V |
| DX ³ P+N 10kA BC | DX ³ P+N 10kA courbe B et C - 230V | DX ³ P+N 10kA curve B and C - 230V |
| DX ³ P+N 16kA | DX ³ P+N 16kA - 230V | DX ³ P+N 16kA - 230V |
| DX ³ P+N 16kA C | DX ³ P+N 16kA courbe C - 230V | DX ³ P+N 16kA curve C - 230V |
| DX ³ P+N 4,5kA BC | DX ³ P+N 4,5kA courbe B et C - 230V | DX ³ P+N 4,5kA curve B and C - 230V |
| DX ³ P+N 4,5kA C | DX ³ P+N 4,5kA courbe C - 230V | DX ³ P+N 4,5kA curve C - 230V |
| DX ³ P+N 4,5kA D | DX ³ P+N 4,5kA courbe D - 230V | DX ³ P+N 4,5kA curve D - 230V |
| DX ³ P+N 6kA | DX ³ P+N 6kA - 230V | DX ³ P+N 6kA - 230V |
| DX ³ P+N 6kA BC | DX ³ P+N 6kA courbe B et C - 230V | DX ³ P+N 6kA curve B and C - 230V |
| DX ³ TJ 16k | DX ³ 16kA pour puissance surveillée (Tarif Jaune) | DX ³ 16kA Low power |
| DX-D 15kA | DX 15kA courbe D | DX 15kA curve D |
| DX-D 25kA | DX 25kA courbe D | DX 25kA curve D |
| DX-H B | DX 10000-25kA courbe B | DX 10000-25kA curve B |
| DX-H C | DX 10000-25kA courbe C | DX 10000-25kA curve C |
| DX-L B | DX 50kA courbe B | DX 50kA curve B |
| DX-L C | DX 50kA courbe C | DX 50kA curve C |
| DX-MA | DX Magnétique seul | DX Magnetic only |
| DX-MA 25kA<6.3A | DX Magnétique seul 25kA In<6.3A | DX Magnetic only 25kA In<6.3A |
| EL | Electronique | Electronic |
| gG | Fusible gG | Fuse gG |
| MA | Magnétique seul | Magnetic only |
| MA_EL | Magnétothermique & Electronique | Thermal magnetic & Electronic |
| MT | Magnétothermique | Thermal magnetic |

Introduction

Presentation

selectivities and
Back-up & curves

Selectivity table
Back-up table

Print document

Glossary