

## Product data sheet

### Characteristics

# LC1V610P7

Contactor Vidare Lc1-V - 3 Poli - 610 A Ac-3 -  
Bobina 220 - 240 V C.A.



### Principal

|                              |                                    |
|------------------------------|------------------------------------|
| Gama                         | TeSys                              |
| Nume produs                  | TeSys V                            |
| Tip produs sau componenta    | Contactor cu vid                   |
| Nume scurt al dispozitivului | LC1V                               |
| Aplicatie contactor          | Sarcina rezistiva<br>Comanda motor |
| Categorie de utilizare       | AC-3<br>AC-4<br>AC-1               |
| Tip circuit de comanda       | C.a.                               |
| Tip bobina                   | Standard                           |
| Descriere poli               | 3P                                 |
| Compozitie contact pol       | 3 NO                               |

### Suplimentar

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tehnologie bobine                             | Fara supresor cu dioda limitatoare de varf bidirectionalaincorporat                                                                                                                                                                                                                                                                                                                                                      |
| [Ie] curent nominal de utilizare              | 610 A (at <55 °C) c.a. AC-3 for circuit de alimentare<br>630 A (at <40 °C) c.a. AC-1 for circuit de alimentare<br>540 A c.a. AC-4 for circuit de alimentare                                                                                                                                                                                                                                                              |
| Putere motor kW                               | 160 KW at 230 V c.a. 50/60 Hz (AC-3)<br>300 KW at 400 V c.a. 50/60 Hz (AC-3)<br>400 KW at 525 V c.a. 50/60 Hz (AC-3)<br>560 KW at 690 V c.a. 50/60 Hz (AC-3)<br>800 kW at 1000 V c.a. 50/60 Hz (AC-3)                                                                                                                                                                                                                    |
| Putere motor hp                               | 1000 CP at 1000 V c.a. 50/60 Hz conforming to CSA<br>1300 CP at 1500 V c.a. 50/60 Hz conforming to CSA<br>150 CP at 200 V c.a. 50/60 Hz conforming to CSA<br>200 CP at 240 V c.a. 50/60 Hz conforming to CSA<br>300 CP at 380 V c.a. 50/60 Hz conforming to CSA<br>400 CP at 480 V c.a. 50/60 Hz conforming to CSA<br>500 CP at 600 V c.a. 50/60 Hz conforming to CSA<br>700 CP at 800 V c.a. 50/60 Hz conforming to CSA |
| Compozitie contact auxiliar                   | 1 NO + 1 NC                                                                                                                                                                                                                                                                                                                                                                                                              |
| [Uc] control circuit voltage                  | 220...240 V c.a. 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                |
| Limite de tensiune circuit de comanda         | 0,8...1,1 Uc at 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                 |
| [Ui] tensiune nominala de izolatie            | Circuit de alimentare 1500 V<br>Circuit de legare la pamant 2000 V<br>Circuit de comanda 690 V                                                                                                                                                                                                                                                                                                                           |
| [Uimp] tensiune de tinere la impuls           | 8 kV                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Suport de montare                             | Placa<br>Sina                                                                                                                                                                                                                                                                                                                                                                                                            |
| Conexiuni - borne                             | Circuit de comanda conector 1 x 2,5 mm <sup>2</sup><br>Circuit de alimentare conexiune cu surub                                                                                                                                                                                                                                                                                                                          |
| Cuplu de strangere                            | Circuit de alimentare 39 N.m - pornit conector - cablu 185 mm <sup>2</sup> hexagonal                                                                                                                                                                                                                                                                                                                                     |
| [Ue] tensiune nominala de functionare         | Circuit de alimentare <= 1000 V c.a. 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                            |
| [Ith] curent termic conventional in aer liber | 10 A for circuit de comanda<br>630 A for circuit de alimentare                                                                                                                                                                                                                                                                                                                                                           |
| Irms capacitatea nominala la inchidere        | 7300 A at 1500 V c.a. for circuit de alimentare conforming to SR EN 60947                                                                                                                                                                                                                                                                                                                                                |
| Capacitate de rupere nominala                 | 6100 A at 1500 V for circuit de alimentare conforming to SR EN 60947                                                                                                                                                                                                                                                                                                                                                     |

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|                                   |                                                                                                             |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------|
| Calibrul fuzibilului asociat      | 10 A gG for circuit de comanda<br>630 A aM at <= 1000 V for circuit de alimentare conforming to SR EN 60947 |
| Consum de energie conectare in VA | 1700 VA                                                                                                     |
| Consum de energie mentinere in VA | 28 VA                                                                                                       |
| Timp de functionare               | 24...32 ms la închidere<br>95...115 ms la deschidere                                                        |
| Durabilitate mecanica             | 2000000 cic                                                                                                 |
| Viteza maxima de functionare      | 1200 cic/h                                                                                                  |
| Inaltime                          | 356 mm                                                                                                      |
| Latime                            | 201 mm                                                                                                      |
| Adancime                          | 178 mm                                                                                                      |
| Greutate neta                     | 13 kg                                                                                                       |

## Mediu

|                                         |                                                   |
|-----------------------------------------|---------------------------------------------------|
| Standarde                               | SR EN 60947-4-1<br>IEC 60947-4-1                  |
| Grad de protectie IP                    | IP00 conformitate cu SR EN 60529                  |
| Temperatura ambientala de functionare   | -5...55 °C                                        |
| Temperatura ambietala pentru depozitare | -40...80 °C                                       |
| Altitudinea de functionare              | 3600...4500 m                                     |
| Rezistenta la foc                       | 850 °C conformitate cu IEC 60695-2-1              |
| Rezistenta la socuri                    | 10 gn contactor închis<br>10 gn contactor deschis |
| Rezistenta la vibratii                  | 2 gn 10...500 Hz                                  |

## Unitati de ambalare

|                                                      |          |
|------------------------------------------------------|----------|
| Unitate de masura pentru prima forma de impachetare  | PCE      |
| Numar unitati in prima forma de impachetare          | 1        |
| Inaltime prima forma de impachetare                  | 34,54 cm |
| Latime prima forma de impachetare                    | 30,73 cm |
| Lungime prima forma de impachetare                   | 50,8 cm  |
| Greutate prima forma de impachetare                  | 15,56 kg |
| Unitate de masura pentru a doua forma de impachetare | S06      |
| Numar unitati in a doua forma de impachetare         | 2        |
| Inaltime a doua forma de impachetare                 | 73,5 cm  |
| Latime a doua forma de impachetare                   | 60 cm    |
| Lungime a doua forma de impachetare                  | 80 cm    |
| Greutate a doua forma de impachetare                 | 42,4 kg  |

## Sustenabilitatea ofertei

|                         |                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Directiva RoHS UE       | Neconform                                                                                                                                                                        |
| Fara mercur             | Da                                                                                                                                                                               |
| Regulamentul RoHS China |  <a href="#">Declaratia RoHS China</a>                                                        |
| WEEE                    | În Uniunea Europeana, produsele trebuie reciclate respectand sistemul specific de colectare a deseurilor si nu trebuie sa ajunga in pubelele de colectare a deseurilor menajere. |

## Garanție contractuală

|          |         |
|----------|---------|
| Garantie | 18 luni |
|----------|---------|