Product datasheet

Specifications





circuit breaker EasyPact CVS400F, 36 kA at 415 VAC, 400 A rating thermal magnetic TM-D trip unit, 3P 3d

LV540306

Main

| Range | EasyPact |
|---|--|
| Range Of Product | EasyPact CVS400630 |
| Product Name | EasyPact CVS |
| Device Short Name | CVS400F |
| Product Or Component Type | Circuit breaker |
| Device Application | Distribution |
| Poles Description | 3P |
| Protected Poles Description | 3D |
| Earth Leakage Protection (Vigi Add On) | Without |
| [In] Rated Current | 400 A at 40 °C |
| Network Type | AC |
| Utilisation Category | Category A |
| [Icu] Breaking Capacity | 40 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 30 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| Trip Unit Name | TM-D |
| Trip Unit Technology | Thermal-magnetic |
| Trip Unit Rating | 400 A at 40 °C |
| Protection Type | Short-circuit protection (magnetic) Overload protection (thermal) |

Complementary

| [Uimp] Rated Impulse Withstand Voltage | 8 kV conforming to EN/IEC 60947-2 |
|---|--|
| Network Frequency | 50/60 Hz |
| Breaking Capacity Code | F |
| [Ics] Rated Service Breaking Capacity | 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 36 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 23 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| Mechanical Durability | 15000 cycles |
| Electrical Durability | 6000 cycles 415 V In conforming to IEC 60947-2 |
| Control Type | Toggle |
| Thermal Protection Adjustment Range | 280400 A |
| Long Time Pick-Up Adjustment Type Ir | Adjustable |

| Long Time Pick-Up Adjustment Range | 0.71 x ln |
|---|------------------|
| Long Time Delay Adjustment Type | Fixed |
| Instantaneous Pick-Up Adjustment Type li | Adjustable |
| Instantaneous Pick-Up Adjustment Range | 510 x In |
| Contact Position Indicator | Yes |
| Mounting Support | Backplate |
| Mounting Mode | Fixed |
| Upside Connection | Front |
| Downside Connection | Front |
| Connections - Terminals | Screw connection |
| Connection Pitch | 45 mm |
| Compatibility Code | CVS400 |
| Width | 140 mm |
| Depth | 110 mm |
| Height | 255 mm |
| Net Weight | 4.7 kg |

Environment

| Standards | EN 60947-2 IEC 60947-2 |
|--|-----------------------------|
| Product Certifications | GOST IEC |
| Electrical Shock Protection Class | Class II |
| Pollution Degree | 3 conforming to IEC 60664-1 |
| Ip Degree Of Protection | IP40 |
| Ambient Air Temperature For Operation | -2570 °C |
| Ambient Air Temperature For Storage | -5085 °C |

Packing Units

| Unit Type Of Package 1 | PCE |
|------------------------------|-----------|
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 15.000 cm |
| Package 1 Width | 16.000 cm |
| Package 1 Length | 29.000 cm |
| Package 1 Weight | 4.931 kg |
| Unit Type Of Package 2 | S04 |
| Number Of Units In Package 2 | 3 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 40.000 cm |
| Package 2 Length | 60.000 cm |
| Package 2 Weight | 15.443 kg |

| Unit Type Of Package 3 | P12 |
|------------------------------|------------|
| Number Of Units In Package 3 | 12 |
| Package 3 Height | 45.000 cm |
| Package 3 Width | 80.000 cm |
| Package 3 Length | 120.000 cm |
| Package 3 Weight | 73.772 kg |

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

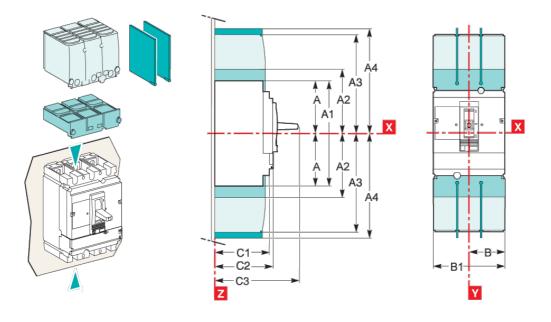
Mercury Free
Rohs Exemption Information Yes
Pvc Free

Certifications & Standards

| Reach Regulation | REACh Declaration |
|--------------------------|---|
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | End of Life Information |

Product datasheet

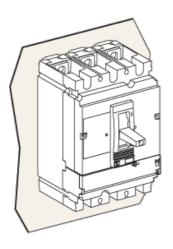
Dimensions Drawings

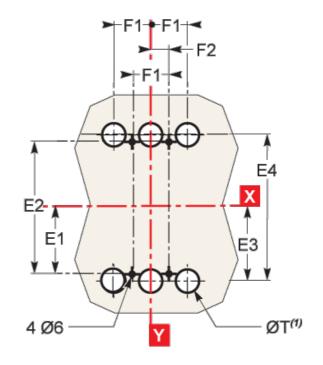


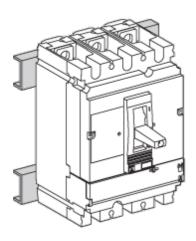
| 4 . | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | в | B1 | B2 | C1 | C2 | C3 | E1 |
|-------|--------------------------------|---------------------------------------|--|---|--|--|---|---|--|---|--|---|---|---|---|---|
| 16.5 | 161 | 64 | 149 | 179.5 | 155.5 | 236 | 169 | 226 | 250.5 | 52.5 | 105 | 146 | 81 | 86 | 161@ | 62.5 |
| 177.6 | 255 | 142.页 | 20 | 297 | 227.5 | 355 | 242.5 | 300 | 337 | 70 | 140 | 189 | 95.5 | 110 | 168 | 100 |
| 2 | E3 | E4 | E5 | E6 | E7 | E8 | F1 | F2 | F3 | G1 | G2 | G3 | G4 | G5 | ØT | U |
| 25 | 73 | 140 | 137.5 | 200 | 148 | 215 | 26 | 17.6 | 70 | 20 | 78 | 13.6 | 25 | 17.5 | 24 | y 32 |
| 200 | 113,5 | 227 | 200 | 300 | 213.5 | 327 | 45 | 22.5 | 90 | - | | - | | - | 32 | y 35 |
| | - 10.5 17.5 12 125 | 6.5 161 27.5 285 12 63 25 70 | 60.5 161 64 27.5 255 142.5 12 63 64 25 75 140 | 103 101 64 145 27.5 255 142.5 200 12 13 14 15 25 70 140 137.5 | 0.5 161 64 145 170.5 27.5 285 142.5 200 287 12 13 14 15 16 25 70 14D 137.5 200 | 165 161 64 145 170,5 155,5 27,5 285 142,5 200 287 227,5 12 13 142 15 16 17 12 13 140 137.5 200 143 | 101 84 145 138.5 155.5 236 27.5 286 142.5 200 237 227.5 385 12 83 142.5 200 237 227.5 385 25 70 140 137.5 200 143 215 | 101 84 149 138.5 155.5 236 103 27.5 286 142.5 200 237 227.5 365 242.5 12 13 142 15 16 17 18 1 27 3 142 137.5 200 237 227.5 365 242.5 28 142 15 16 16 17 18 1 27 70 140 137.5 200 143 215 35 | 101 84 145 178.5 155.5 236 109 220 27.5 286 142.5 200 287 227.5 365 242.5 300 12 13 14 15 6 17 16 1 22 25 70 140 137.5 200 145 216 35 17.5 | Init 1421 84 1425 179.5 155.5 226 169 220 253.5 27.5 2855 142.5 200 287 227.5 385 242.6 300 337 12 13 114 155 16 17 18 14 2 73 25 70 140 137.5 200 145 215 35 17.5 70 | Ib5 101 84 145 170.5 155.5 236 103 220 253.5 52.5 27.5 285 142.5 200 287 287.5 365 242.5 300 337 70 12 13 144 15 16 17 18 11 2 73 37.7 365 242.5 300 337 70 12 13 144 15 16 17 10 11 2 13 17.6 70 361 17.6 70 361 17.6 70 361 17.6 70 361 37 17.6 70 361 <td< td=""><td>Init Init <th< td=""><td>Init Init <th< td=""><td>Init Init <th< td=""><td>10:5 10:1 84 14:5 179.5 155.5 226 10:9 225.2 52.5 10:5 14:0 81 86 27.5 285 14:2,5 200 287.7 227.5 344.5 300 337 70 14:0 18:0 98.5 110 12 13 14 15 16 17 18 F1 F2 F3 G1 G2 G3 G4 G5 25 70 14:0 18:5 16 17 18 F1 F2 F3 G1 G2 G3 G4 G5 25 70 14:0 18:5 20 14:5 215 32 17.5 70 16:5 73 13:5 23 17.5</td><td>101 64 145 176.5 226 103 225.5 52.5 105 140 81 86 111/7 27.5 285 142.5 200 287 227.5 385 142.5 200 287 140 186 95.5 110 168</td></th<></td></th<></td></th<></td></td<> | Init Init <th< td=""><td>Init Init <th< td=""><td>Init Init <th< td=""><td>10:5 10:1 84 14:5 179.5 155.5 226 10:9 225.2 52.5 10:5 14:0 81 86 27.5 285 14:2,5 200 287.7 227.5 344.5 300 337 70 14:0 18:0 98.5 110 12 13 14 15 16 17 18 F1 F2 F3 G1 G2 G3 G4 G5 25 70 14:0 18:5 16 17 18 F1 F2 F3 G1 G2 G3 G4 G5 25 70 14:0 18:5 20 14:5 215 32 17.5 70 16:5 73 13:5 23 17.5</td><td>101 64 145 176.5 226 103 225.5 52.5 105 140 81 86 111/7 27.5 285 142.5 200 287 227.5 385 142.5 200 287 140 186 95.5 110 168</td></th<></td></th<></td></th<> | Init Init <th< td=""><td>Init Init <th< td=""><td>10:5 10:1 84 14:5 179.5 155.5 226 10:9 225.2 52.5 10:5 14:0 81 86 27.5 285 14:2,5 200 287.7 227.5 344.5 300 337 70 14:0 18:0 98.5 110 12 13 14 15 16 17 18 F1 F2 F3 G1 G2 G3 G4 G5 25 70 14:0 18:5 16 17 18 F1 F2 F3 G1 G2 G3 G4 G5 25 70 14:0 18:5 20 14:5 215 32 17.5 70 16:5 73 13:5 23 17.5</td><td>101 64 145 176.5 226 103 225.5 52.5 105 140 81 86 111/7 27.5 285 142.5 200 287 227.5 385 142.5 200 287 140 186 95.5 110 168</td></th<></td></th<> | Init Init <th< td=""><td>10:5 10:1 84 14:5 179.5 155.5 226 10:9 225.2 52.5 10:5 14:0 81 86 27.5 285 14:2,5 200 287.7 227.5 344.5 300 337 70 14:0 18:0 98.5 110 12 13 14 15 16 17 18 F1 F2 F3 G1 G2 G3 G4 G5 25 70 14:0 18:5 16 17 18 F1 F2 F3 G1 G2 G3 G4 G5 25 70 14:0 18:5 20 14:5 215 32 17.5 70 16:5 73 13:5 23 17.5</td><td>101 64 145 176.5 226 103 225.5 52.5 105 140 81 86 111/7 27.5 285 142.5 200 287 227.5 385 142.5 200 287 140 186 95.5 110 168</td></th<> | 10:5 10:1 84 14:5 179.5 155.5 226 10:9 225.2 52.5 10:5 14:0 81 86 27.5 285 14:2,5 200 287.7 227.5 344.5 300 337 70 14:0 18:0 98.5 110 12 13 14 15 16 17 18 F1 F2 F3 G1 G2 G3 G4 G5 25 70 14:0 18:5 16 17 18 F1 F2 F3 G1 G2 G3 G4 G5 25 70 14:0 18:5 20 14:5 215 32 17.5 70 16:5 73 13:5 23 17.5 | 101 64 145 176.5 226 103 225.5 52.5 105 140 81 86 111/7 27.5 285 142.5 200 287 227.5 385 142.5 200 287 140 186 95.5 110 168 |

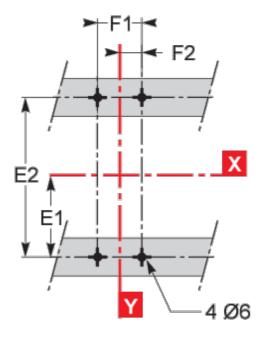
[8] C3=126mm Itr EasyPast CVS2500/F.

Assembly









| Туре | A | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | в | B1 | B2 | C1 | C2 | C3 | E1 |
|----------------|-------|-------|-------|-------|-------|-------|-----|-------|------|-------|------|-----|------|------|------|------|------|
| 03481061603250 | 66.5 | 161 | 64 | 149 | 170.5 | 155.5 | 236 | 169 | 226 | 250.5 | 52.5 | 105 | 446 | -81 | 86 | 1116 | 62.5 |
| C2/5/00/930 | 197.6 | 266 | 143.原 | 200 | 297 | 227.5 | 355 | 242.5 | 300 | 337 | 70 | 140 | 185 | 95.5 | 110 | 168 | 100 |
| Type | E2 | E3 | E4 | E5 | E6 | E7 | E8 | F1 | F2 | F3 | G1 | G2 | G3 | G4 | G5 | ØT | U |
| CMB100MG0/250 | 125 | হায | 140 | 137.5 | 200 | 148 | 215 | 215 | 17.6 | 70 | 86 | 78 | 13.6 | 25 | 17.5 | 24 | y 32 |
| Ch:S-001650 | 200 | 113.5 | 202 | 200 | 300 | 213.5 | 327 | 45 | 22.5 | 90 | - | - | - | | - | 32 | y 35 |

(2) C3-126mm for EasyPast CVS2500/F.

6

Performance Curves

