

TeSys

TeSys T Motor management system

Product references

Motor management devices



PB121434.eps

LTMRO8MBD



PB121440.eps

LTMRO8CBD



PB121441.eps

LTMRO8DBD



PB121442.eps

LTMRO8PBD



PB121443.eps

LTMRO8EBD

Controllers

| Setting range | Control voltage | Current range | Reference |
|---------------|-----------------|---------------|-----------|
|---------------|-----------------|---------------|-----------|

| A | V | A | |
|---|---|---|--|
|---|---|---|--|

For Modbus

| | | | |
|-----|-------------|-----------|-------------|
| 8 | 24 | 0.4...8 | LTMRO8MBD |
| | ~ 100...240 | 0.4...8 | LTMRO8MFM |
| 27 | 24 | 1.35...27 | LTMRO27MBD |
| | ~ 100...240 | 1.35...27 | LTMRO27MFM |
| 100 | 24 | 5...100 | LTMRO100MBD |
| | ~ 100...240 | 5...100 | LTMRO100MFM |

For CANopen

| | | | |
|-----|-------------|-----------|-------------|
| 8 | 24 | 0.4...8 | LTMRO8CBD |
| | ~ 100...240 | 0.4...8 | LTMRO8CFM |
| 27 | 24 | 1.35...27 | LTMRO27CBD |
| | ~ 100...240 | 1.35...27 | LTMRO27CFM |
| 100 | 24 | 5...100 | LTMRO100CBD |
| | ~ 100...240 | 5...100 | LTMRO100CFM |

For DeviceNet

| | | | |
|-----|-------------|-----------|-------------|
| 8 | 24 | 0.4...8 | LTMRO8DBD |
| | ~ 100...240 | 0.4...8 | LTMRO8DFM |
| 27 | 24 | 1.35...27 | LTMRO27DBD |
| | ~ 100...240 | 1.35...27 | LTMRO27DFM |
| 100 | 24 | 5...100 | LTMRO100DBD |
| | ~ 100...240 | 5...100 | LTMRO100DFM |

For Profibus DP

| | | | |
|-----|-------------|-----------|-------------|
| 8 | 24 | 0.4...8 | LTMRO8PBD |
| | ~ 100...240 | 0.4...8 | LTMRO8PFM |
| 27 | 24 | 1.35...27 | LTMRO27PBD |
| | ~ 100...240 | 1.35...27 | LTMRO27PFM |
| 100 | 24 | 5...100 | LTMRO100PBD |
| | ~ 100...240 | 5...100 | LTMRO100PFM |

For Ethernet TCP/IP (communication protocols: Modbus/TCP and EtherNet/IP)

| | | | |
|-----|-------------|-----------|-------------|
| 8 | 24 | 0.4...8 | LTMRO8EBD |
| | ~ 100...240 | 0.4...8 | LTMRO8EFM |
| 27 | 24 | 1.35...27 | LTMRO27EBD |
| | ~ 100...240 | 1.35...27 | LTMRO27EFM |
| 100 | 24 | 5...100 | LTMRO100EBD |
| | ~ 100...240 | 5...100 | LTMRO100EFM |

Filter

| Control voltage | Current max | Reference |
|-----------------|-------------|-----------|
| V | mA | |
| ~ 150...240 | 130 | LTM9F |

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LTMEV40BD



LTMCC004



LTMCUF

Extension modules (with voltage measurement on the 3 phases)

| Input control voltage | Number of inputs | Supply to the electronics | Reference |
|-----------------------|------------------|---------------------------|------------------|
| ⎓ 24 | 4 | Via the controller | LTMEV40BD |
| ~ 100...240 | 4 | Via the controller | LTMEV40FM |

HMI terminals

| Description | Supply Voltage | Reference |
|--|---|---------------|
| Operator control unit | Languages: English French Spanish Supply via the controller | LTMCU |
| Operator control unit with Fast Device Replacement Service (FDR) | Languages: English French Spanish Supply via the controller | LTMCUF |

| | | | |
|--------------------------|-----------------|--|----------------|
| Kit for portable LTM CU | | | LTM9KCU |
| Magelis compact display. | ⎓ 24 V external | | XBTN410 |

| Description | Number and type of connectors | Length m | Reference |
|---|-------------------------------|----------|-----------------|
| Connecting cables for the LTM CU control unit | 2 x RJ45 | 1 | LTM9CU10 |
| | | 3 | LTM9CU30 |
| Connecting cables for the XBT N410 | SUB-D 25-way female RJ45 | 2.5 | XBTZ938 |

Cables

| Description | Number and type of connectors | Length m | Reference |
|---|-------------------------------|----------|-------------------------------|
| Connecting cables For connecting the controller to the extension module | 2 x RJ45 | 0.04 | LTMCC004⁽¹⁾ |
| | | 0.3 | LTM9CEXP03 |
| | | 1 | LTM9CEXP10 |

Replacement connectors

| Description | Number and type of connectors | Reference |
|--|--|------------------------------|
| Complete set of connectors for controllers and extension modules | 10 screw terminals (all network versions included) | LTM9TCS |
| Connector extraction tool | | LTM9TCT⁽²⁾ |

⁽¹⁾ Sold in lots of 6.

⁽²⁾ Sold in packs of 3.

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PF526393.eps



LT6CT4001



PB121445.eps



DA1TT●●●

Configuration tools

| Description | Composition | Reference | Weight kg |
|-------------------------|---------------------------------|----------------|--------------|
| Connection cable for PC | USB to RJ45 cable, length 2.5 m | TCSMCNAM3M002P | 0.200 |

Current transformers ⁽¹⁾

| Operational current | | Reference | Weight kg |
|---------------------|------------------|-----------|--------------|
| Primary A | Secondary A | | |
| 100 | 1 ⁽²⁾ | LT6CT1001 | 0.550 |
| 200 | 1 ⁽²⁾ | LT6CT2001 | 0.550 |
| 400 | 1 ⁽²⁾ | LT6CT4001 | 0.550 |
| 800 | 1 ⁽²⁾ | LT6CT8001 | 0.680 |

Earth fault toroids (marketed under the Schneider Electric brand)

| Rated operational current Ie A | Internal Ø of toroid mm | Reference | Weight kg |
|--------------------------------------|-------------------------------|-----------|--------------|
| Closed toroids, type A | | | |
| 65 | 30 | 50437 | 0.120 |
| 85 | 50 | 50438 | 0.200 |
| 160 | 80 | 50439 | 0.420 |
| 250 | 120 | 50440 | 0.530 |
| 400 | 200 | 50441 | 1.320 |
| 630 | 300 | 50442 | 2.230 |

Split toroids, type OA

| | | | |
|-----|-----|-------|-------|
| 85 | 46 | 50485 | 1.300 |
| 250 | 110 | 50486 | 3.200 |

PTC thermistor probes ⁽³⁾

| Description | Nominal Operating Temperature (NOT) °C | Colour | Unit reference ⁽⁴⁾ |
|---------------|--|-------------|----------------------------------|
| Triple probes | 90 | Green/green | DA1TT090 |
| | 110 | Brown/brown | DA1TT110 |
| | 120 | Grey/grey | DA1TT120 |
| | 130 | Blue/blue | DA1TT130 |
| | 140 | White/blue | DA1TT140 |
| | 150 | Black/black | DA1TT150 |
| | 160 | Blue/red | DA1TT160 |
| | 170 | White/green | DA1TT170 |

⁽¹⁾ The transformers offered for use with TeSys U starters are suitable.
Please consult our "TeSys U starter-controllers" catalogue.

⁽²⁾ For use with LTM08●● controllers.

⁽³⁾ PTC: Positive Temperature Coefficient.

⁽⁴⁾ Sold in lots of 10.

Marking accessories (to be ordered separately)

| Description | Composition | Height mm | Unit reference | Weight kg |
|-----------------|---|--------------|---------------------------|--------------|
| Clip-in markers | Strips of 10 identical numbers (0 to 9) or capital letters (A to Z) | 5 | NSYTRABF5● ⁽¹⁾ | 0.002 |
| | | 6 | NSYTRABF6● ⁽¹⁾ | 0.002 |

Connection accessories

| Description | Length m | Reference | Weight kg |
|--|-------------|--------------|--------------|
| For Modbus connection | | | |
| Cables fitted with 2 x RJ45 connectors | 0.3 | VW3A8306R03 | 0.045 |
| | 1 | VW3A8306R10 | 0.065 |
| | 3 | VW3A8306R30 | 0.125 |
| T-junctions | 0.3 | VW3A8306TF03 | 0.032 |
| | 1 | VW3A8306TF10 | 0.032 |
| RS 485 line terminator | – | VW3A8306R | 0.012 |

For CANopen connection

| | | | | |
|-------------------------|--|-------------|----------------|-------|
| Cables | 50 | TSXCANCA50 | 4.930 | |
| | 100 | TSXCANCA100 | 8.800 | |
| | 300 | TSXCANCA300 | 24.560 | |
| IP20 connectors | Elbowed (90°) | – | TSXCANKCDF90T | 0.046 |
| SUB-D 9-way female | Straight | – | TSXCANKCDF180T | 0.049 |
| Line end adapter switch | Elbowed (90°) with SUB-D 9-way connector for connection to PC or diagnostic tool | – | TSXCANKCDF90TP | 0.051 |

For DeviceNet connection

| | | | |
|--------|-----|-------------|--------|
| Cables | 50 | TSXCANCA50 | 4.930 |
| | 100 | TSXCANCA100 | 8.800 |
| | 300 | TSXCANCA300 | 24.560 |

For Profibus DP connection⁽²⁾

| | | | | |
|------------|--|-------------|-------------|---|
| Cables | 100 | TSXPBSCA100 | – | |
| | 400 | TSXPBSCA400 | – | |
| Connectors | With line terminator | – | 490NAD91103 | – |
| | Without line terminator | – | 490NAD91104 | – |
| | With line terminator and terminal port | – | 490NAD91105 | – |

For Ethernet TCP/IP connection

Shielded twisted pair cables to standard EIA/TIA568

| | | | | |
|---|----------|----|-------------|---|
| Cables fitted with 2 x RJ45 connectors for connection to terminal equipment | Straight | 2 | 490NTW00002 | – |
| | | 5 | 490NTW00005 | – |
| | | 12 | 490NTW00012 | – |
| | | 40 | 490NTW00040 | – |
| | | 80 | 490NTW00080 | – |

Shielded twisted pair cables, UL and CSA 22.1 approved

| | | | | |
|---|--------------|----|---------------------------|-------|
| Cables fitted with 2 x RJ45 connectors for connection to terminal equipment | Straight | 2 | 490NTW00002U | – |
| | | 5 | 490NTW00005U | – |
| | | 12 | 490NTW00012U | – |
| | | 40 | 490NTW00040U | – |
| | | 80 | 490NTW00080U | – |
| Ethernet Connector | Elbowed 180° | | LTM9CE180T ⁽³⁾ | 0.180 |

(1) When ordering, replace the ● in the reference with the number or letter required.

(2) To order other connectors and cables (UL cables for harsh environments, etc.), please consult our Customer Care Centre.

(3) Sold in packs of 6.

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| 0.37 to 355 kW at 400/415 V: type 2 coordination | | | | | | | |
|--|----------------|--------------------------|----------|--------|--------------------------|--------------------|------------------------------|
| With switch-disconnector, contactor and class 10 controller | | | | | | | |
| Standard power ratings of 3-phase motors 50/60 Hz in category AC-3 400/415 V | | Switch-disconnector | aM fuses | | Contactor | TeSys T controller | External current transformer |
| P | I _e | Reference ⁽¹⁾ | Size | Rating | Reference ⁽²⁾ | Reference | Reference |
| kW | A | | | A | | | |
| 0.37 | 1.1 | GS1DD | 10 x 38 | 2 | LC1D09 | LTMR08●● | – |
| 0.55 | 1.5 | GS1DD | 10 x 38 | 2 | LC1D09 | LTMR08●● | – |
| 0.75 | 1.9 | GS1DD | 10 x 38 | 4 | LC1D09 | LTMR08●● | – |
| 1.1 | 2.7 | GS1DD | 10 x 38 | 4 | LC1D09 | LTMR08●● | – |
| 1.5 | 3.6 | GS1DD | 10 x 38 | 4 | LC1D09 | LTMR08●● | – |
| 2.2 | 4.9 | GS1DD | 10 x 38 | 6 | LC1D09 | LTMR08●● | – |
| 3 | 6.5 | GS1DD | 10 x 38 | 8 | LC1D09 | LTMR27●● | – |
| 4 | 8.5 | GS1DD | 10 x 38 | 10 | LC1D09 | LTMR27●● | – |
| 5.5 | 11.5 | GS1DD | 10 x 38 | 16 | LC1D12 | LTMR27●● | – |
| 7.5 | 15.5 | GS1DD | 10 x 38 | 16 | LC1D25 | LTMR27●● | – |
| 10 | 19 | GS●F | 14 x 51 | 25 | LC1D25 | LTMR27●● | – |
| 11 | 22 | GS●F | 14 x 51 | 25 | LC1D25 | LTMR27●● | – |
| 15 | 29 | GS●F | 14 x 51 | 32 | LC1D32 | LTMR100●● | – |
| 18.5 | 35 | GS●F | 14 x 51 | 40 | LC1D40A | LTMR100●● | – |
| 22 | 41 | GS●J | 22 x 58 | 50 | LC1D50A | LTMR100●● | – |
| 30 | 55 | GS●J | 22 x 58 | 80 | LC1D65A | LTMR100●● | – |
| 37 | 66 | GS●J | 22 x 58 | 100 | LC1D80 | LTMR100●● | – |
| 45 | 80 | GS●J | 22 x 58 | 100 | LC1D95 | LTMR100●● | – |
| 55 | 97 | GS●K | T00 | 125 | LC1D115 | LTMR08●● | LT6CT2001 |
| 75 | 132 | GS●L | T0 | 160 | LC1D150 | LTMR08●● | LT6CT2001 |
| 90 | 160 | GS●N | T1 | 200 | LC1F185 | LTMR08●● | LT6CT2001 |
| 110 | 195 | GS●N | T1 | 250 | LC1F225 | LTMR08●● | LT6CT4001 |
| 132 | 230 | GS●QQ | T2 | 315 | LC1F265 | LTMR08●● | LT6CT4001 |
| 160 | 280 | GS●QQ | T2 | 355 | LC1F400 | LTMR08●● | LT6CT4001 |
| 200 | 350 | GS2S | T3 | 500 | LC1F400 | LTMR08●● | LT6CT8001 |
| 250 | 430 | GS2S | T3 | 500 | LC1F500 | LTMR08●● | LT6CT8001 |
| 315 | 540 | GS2S | T3 | 630 | LC1F630 | LTMR08●● | LT6CT8001 |
| 355 | 610 | GS2V | T4 | 800 | LC1F630 | LTMR08●● | LT6CT8001 |

(1) GS●: GS1 for direct operator, GS2 for external operator.

(2) For reversing operation, replace the prefix LC1 with LC2.

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Product references

0.06 to 250 kW at 400/415 V: type 2 coordination

With Circuit breaker, contactor and class 10 controller

| Standard power ratings of 3-phase motors 50/60 Hz in category AC-3 400/415 V | | | Circuit breaker | Contactor | TeSys T controller | External current transformer |
|--|----------------|-----------------|-----------------|-----------|--------------------|------------------------------|
| P | I _e | I _{cc} | Reference | Reference | Reference | Reference |
| kW | A | kA | | | | |
| 0.06 | 0.2 | 130 | GV2L03 | LC1D09 | LTMR08●● | – |
| 0.09 | 0.3 | 130 | GV2L03 | LC1D09 | LTMR08●● | – |
| 0.12 | 0.44 | 130 | GV2L04 | LC1D09 | LTMR08●● | – |
| 0.18 | 0.6 | 130 | GV2L04 | LC1D09 | LTMR08●● | – |
| 0.25 | 0.85 | 130 | GV2L05 | LC1D09 | LTMR08●● | – |
| 0.37 | 1.1 | 130 | GV2L05 | LC1D09 | LTMR08●● | – |
| 0.55 | 1.5 | 130 | GV2L06 | LC1D09 | LTMR08●● | – |
| 0.75 | 1.9 | 130 | GV2L07 | LC1D09 | LTMR08●● | – |
| 1.1 | 2.7 | 130 | GV2L07 | LC1D18 | LTMR08●● | – |
| 1.5 | 3.6 | 130 | GV2L08 | LC1D18 | LTMR08●● | – |
| 2.2 | 4.9 | 130 | GV2L10 | LC1D18 | LTMR08●● | – |
| 3 | 6.5 | 130 | GV2L14 | LC1D18 | LTMR08●● | – |
| 4 | 8.5 | 130 | GV2L14 | LC1D18 | LTMR27●● | – |
| 5.5 | 11.5 | 130 | GV2L16 | LC1D25 | LTMR27●● | – |
| 7.5 | 15.5 | 50 | GV2L20 | LC1D25 | LTMR27●● | – |
| 9 | 18.1 | 50 | GV2L22 | LC1D25 | LTMR27●● | – |
| 11 | 22 | 50 | GV2L22 | LC1D25 | LTMR27●● | – |
| 15 | 29 | 50 | GV3L32 | LC1D40A | LTMR100●● | – |
| 18.5 | 35 | 50 | GV3L40 | LC1D50A | LTMR100●● | – |
| 22 | 41 | 50 | GV3L50 | LC1D50A | LTMR100●● | – |
| 30 | 55 | 50 | GV3L65 | LC1D65A | LTMR100●● | – |
| 37 | 66 | 70 | GV4LE80S | LC1D80 | LTMR100●● | – |
| 45 | 80 | 70 | NSX100HMA | LC1D115 | LTMR100●● | – |

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| 0.06 to 250 kW at 400/415 V: type 2 coordination | | | | | | |
|--|------------------|--------------------|-----------------|-----------|--------------------|------------------------------|
| With circuit breaker, contactor and class 10 controller | | | | | | |
| Standard power ratings of 3-phase motors 50/60 Hz in category AC-3 400/415 V | | | Circuit breaker | Contactor | TeSys T controller | External current transformer |
| P kW | I _e A | I _{cc} kA | Reference | Reference | Reference | Reference |
| 55 | 97 | 50 | NSX160NMA | LC1D115 | LTMR08●● | LT6CT2001 |
| 55 | 97 | 70 | NSX160HMA | LC1D115 | LTMR08●● | LT6CT2001 |
| 75 | 132 | 50 | NSX160NMA | LC1D150 | LTMR08●● | LT6CT2001 |
| 75 | 132 | 70 | NSX160HMA | LC1D150 | LTMR08●● | LT6CT2001 |
| 90 | 160 | 50 | NSX250NMA | LC1F185 | LTMR08●● | LT6CT2001 |
| 90 | 160 | 70 | NSX250HMA | LC1F185 | LTMR08●● | LT6CT2001 |
| 110 | 195 | 50 | NSX250NMA | LC1F225 | LTMR08●● | LT6CT2001 |
| 110 | 195 | 70 | NSX250HMA | LC1F225 | LTMR08●● | LT6CT2001 |
| 132 | 230 | 70 | NSX400HMA | LC1F265 | LTMR08●● | LT6CT4001 |
| 132 | 230 | 130 | NSX400LMA | LC1F265 | LTMR08●● | LT6CT4001 |
| 160 | 280 | 70 | NSX400HMA | LC1F330 | LTMR08●● | LT6CT4001 |
| 160 | 280 | 130 | NSX400LMA | LC1F330 | LTMR08●● | LT6CT4001 |
| 200 | 350 | 70 | NSX630HMA | LC1F400 | LTMR08●● | LT6CT4001 |
| 200 | 350 | 130 | NSX630LMA | LC1F400 | LTMR08●● | LT6CT4001 |
| 220 | 388 | 70 | NSX630HMA | LC1F500 | LTMR08●● | LT6CT4001 |
| 220 | 388 | 130 | NSX630LMA | LC1F500 | LTMR08●● | LT6CT4001 |
| 250 | 430 | 70 | NSX630HMA | LC1F500 | LTMR08●● | LT6CT8001 |
| 250 | 430 | 130 | NSX630LMA | LC1F500 | LTMR08●● | LT6CT8001 |

| Substitution table | | | | | | |
|--------------------|--|---------------|--|----------------------------------|------------|--|
| Motor current | Old range LT6P multifunction protection relay | | | New range TeSys T controllers | | |
| | Reference | Reference | External current transformer Reference | Reference | Reference | External current transformer Reference |
| | ~ 100...240 V | ≡ 24 V | | ~ 100...240 V | ≡ 24 V | |
| I < 5 A | LT6POM005FM | LT6POM005S144 | – | LTMR08●FM | LTMR08●BD | – |
| 5 A < I < 25 A | LT6POM025FM | LT6POM025S144 | – | LTMR27●FM | LTMR27●BD | – |
| 25 A < I < 100 A | LT6POM005FM | LT6POM005S144 | LT6CT1001 | LTMR100●FM | LTMR100●BD | – |
| 100 A < I < 200 A | LT6POM005FM | LT6POM005S144 | LT6CT2001 | LTMR08●FM | LTMR08●BD | LT6CT2001 |
| 200 A < I < 400 A | LT6POM005FM | LT6POM005S144 | LT6CT4001 | LTMR08●FM | LTMR08●BD | LT6CT4001 |
| 400 A < I < 800 A | LT6POM005FM | LT6POM005S144 | LT6CT8001 | LTMR08●FM | LTMR08●BD | LT6CT8001 |

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Product references

0.37 to 400 kW at 690 V: type 2 coordination

With switch-disconnector, contactor and class 10 controller

| Standard power ratings of 3-phase motors 50/60 Hz in category AC-3 | | Switch-disconnector (1) | aM fuses | | Contactor | TeSys T controller | External current transformer |
|--|----------------|----------------------------|----------|--------|-----------|--------------------|------------------------------|
| P | I _e | Reference | Size | Rating | Reference | Reference | Reference |
| kW | A | | | A | | | |
| 0.37 | 0.64 | GS●F | 14 x 51 | 1 | LC1D09 | LTMR08●● | – |
| 0.55 | 0.87 | GS●F | 14 x 51 | 2 | LC1D09 | LTMR08●● | – |
| 0.75 | 1.1 | GS●F | 14 x 51 | 2 | LC1D09 | LTMR08●● | – |
| 1.1 | 1.6 | GS●F | 14 x 51 | 2 | LC1D09 | LTMR08●● | – |
| 1.5 | 2.1 | GS●F | 14 x 51 | 4 | LC1D09 | LTMR08●● | – |
| 2.2 | 2.8 | GS●F | 14 x 51 | 4 | LC1D09 | LTMR08●● | – |
| 3 | 3.8 | GS●F | 14 x 51 | 6 | LC1D09 | LTMR08●● | – |
| 4 | 4.9 | GS●F | 14 x 51 | 6 | LC1D09 | LTMR08●● | – |
| 5.5 | 6.7 | GS●F | 14 x 51 | 8 | LC1D25 | LTMR08●● | – |
| 7.5 | 8.9 | GS●F | 14 x 51 | 10 | LC1D25 | LTMR27●● | – |
| 11 | 12.8 | GS●F | 14 x 51 | 16 | LC1D25 | LTMR27●● | – |
| 15 | 17 | GS●G | T000 | 20 | LC1D32 | LTMR27●● | – |
| 18.5 | 21 | GS●G | T000 | 25 | LC1D32 | LTMR27●● | – |
| 22 | 24 | GS●G | T000 | 32 | LC1D40A | LTMR27●● | – |
| 30 | 32 | GS●G | T000 | 40 | LC1D50A | LTMR100●● | – |
| 37 | 39 | GS●J | 22 x 58 | 50 | LC1D65A | LTMR100●● | – |
| 45 | 47 | GS●J | 22 x 58 | 63 | LC1D80 | LTMR100●● | – |
| 55 | 57 | GS●J | 22 x 58 | 80 | LC1D115 | LTMR100●● | – |
| 75 | 77 | GS●KK | T00 | 100 | LC1D115 | LTMR100●● | – |
| 90 | 93 | GS●KK | T00 | 125 | LC1F150 | LTMR08●● | LT6CT2001 |
| 110 | 113 | GS●KK | T00 | 125 | LC1F185 | LTMR08●● | LT6CT2001 |
| 132 | 134 | GS●L | T0 | 160 | LC1F265 | LTMR08●● | LT6CT2001 |
| 160 | 162 | GS●N | T1 | 200 | LC1F265 | LTMR08●● | LT6CT2001 |
| 200 | 203 | GS●N | T1 | 250 | LC1F330 | LTMR08●● | LT6CT4001 |
| 220 | 224 | GS●QQ | T2 | 250 | LC1F400 | LTMR08●● | LT6CT4001 |
| 250 | 250 | GS●QQ | T2 | 315 | LC1F400 | LTMR08●● | LT6CT4001 |
| 290 | 292 | GS●QQ | T2 | 355 | LC1F500 | LTMR08●● | LT6CT4001 |
| 315 | 313 | GS●QQ | T2 | 355 | LC1F500 | LTMR08●● | LT6CT4001 |
| 355 | 354 | GS2S | T3 | 400 | LC1F630 | LTMR08●● | LT6CT4001 |
| 400 | 400 | GS2S | T3 | 500 | LC1F630 | LTMR08●● | LT6CT8001 |

(1) GS●: GS1 for direct operator, GS2 for external operator.

Characteristics:
pages C1/20 to C1/34

Curves:
page C1/35

Dimensions, mounting:
pages C1/36 to C1/37

Schemes:
pages C1/38 to C1/41

