

# Certification Record

CUSTOMER	CLASS	FILE NUMBER
Telemecanique/Schneider Electric Industries SAS 31 rue Pierre Mendes-France, Eybens France 38320	<a href="#">3211-23</a> INDUSTRIAL CONTROL EQUIPMENT- Motor Controllers-Auxiliary Devices	043364_S_000

- Thermal overload relays, LRD3 (differential) and LR3D3 (non differential) followed by two digit numbers may be followed by one digit number; rated from range 9-13A to range 62-80A, class 10, open type, manual and automatic reset.
- Thermal overload relays, LRD3 (differential) followed by two digit numbers, followed by L, may be followed by one digit number; rated from range 9-13A to range 48-65A, class 20, open type, manual or automatic reset

**Note:**

Optional High fault ratings:

Maximum 50kA RMS at 600Vac when protected by thermal-magnetic circuit breaker rated not more than shown in the table below.

Maximum 100kA RMS at 480V when protected by thermal magnetic circuit breaker rated not more than shown in the table below.

Maximum 100kA RMS at 600V when protected by class CC or class J fuses rated not more than shown in the table below.

Overload Cat. Nos. [with or without adapter]	Maximum Circuit Breaker Ampacity	Maximum Class J or CC Fuse Ampacity
LRD313, LRD313L, LR3D313, LR3D313L	25	30
LRD318, LRD318L, LR3D318, LR3D318L	35	45
LRD325, LRD325L, LR3D325, LR3D325L	45	60
LRD332, LRD332L, LR3D332, LR3D332L	60	80
LRD340, LRD340L, LR3D340, LR3D340L	70	100
LRD350, LRD350L, LR3D350, LR3D350L	90	125
LRD365, LRD365L, LR3D365, LR3D365L	125	200
LR380, LR3D380	200	175

- Thermal overload relays, Class 20, Type LR2-D15 and LR-D15.

Note:

Optional High fault ratings:

Maximum 65kA RMS at 480V when protected by thermal magnetic circuit breaker rated not more than shown in the table below.

Maximum 100kA RMS at 600V when protected by class CC or class J fuses rated not more than shown in the table below.

Overload Cat. Nos. [with or without adapter]	Maximum Circuit Breaker Ampacity	Maximum Class J or CC Fuse Ampacity
LRD1508, LR3D1508A1	15	15
LRD1510, LR3D1510A1	15	20
LRD1512, LR3D1512A1	15	30
LRD1514, LR3D1514A1	20	40

LRD1516, LR3D1516A1	25	50
LRD1521, LR3D1521A1	35	70
LRD1522, LR3D1522A1	45	100
LRD1530, LR3D1530A1	60	100
LRD1532, LR3D1532A1	60	100

- Thermal overload relays, Class 10, Type LRD33, LR2-D33, LR3-D33, LRD43, LR 2-D43, LR3-D43.

**Note:**

Optional High fault ratings:

Maximum 100kA RMS at 480V when protected by thermal magnetic circuit breaker rated not more than shown in the table below.

Maximum 50kA RMS at 600V when protected by thermal-magnetic circuit breaker rated not more than shown in the table below.

Maximum 100kA RMS at 600V when protected by class J fuses rated not more than shown in the table below.

Overload [with or without adapter LA7D3064]	Maximum circuit breaker ampacity	Maximum Class J fuse ampacity
LRD3322, LR2D3322, LR3D3322	45	60
LRD3353, LR2D3353, LR3D3353	60	80
LRD3355, LR2D3355, LR3D3355	70	90
LRD3357, LR2D3357, LR3D3357	90	125
LRD3359, LR2D3359, LR3D3359	125	150
LRD3361, LR2D3361, LR3D3361	125	175
LRD3363, LR2D3363, LR3D3363	150	200
LRD3365, LR2D3365, LR3D3365	200	250
LRD4365, LR2D4365, LR3D4365	200	250
LRD4367, LR2D4367, LR3D4367	250	400

- Thermal overload relays, class 10, open type, manual and automatic reset. Cat. No. LRD (differential) and LR3D (non differential) followed by two digit numbers (01 through 08, 10, 12, 14, 16, 21, 22, 32 or 35) may be followed by one digit number, ambient compensated. Adapter, Cat. No. LAD7B106 and wiring kits Cat. No. LAD7C1 and LAD7C2. Ratings: Auxiliary contacts: B600-R300 continuous current 5A, 16 trip range; from range 0.1-0.16A to range 30-38A.
- Thermal overload relays, class 20, open type, manual and automatic reset. Cat. No. LRD (differential) and LR3D (non differential) followed by two digit numbers (04 through 08, 10, 12, 14, 16, 21, 22 or 32), followed by L, may be followed by one digit number, ambient compensated. Adapter, Cat. No. LAD7B205 and 9065SAD75 .Wiring kits Cat. No. LAD7C1 and LAD7C2. Ratings: Auxiliary contacts: B600-R300 continuous current 5A, 12 trip range; from range 0.4-0.63A to range 23-32A.

**Note:**

Optional High fault ratings:

Maximum 65kA RMS at 480V when protected by thermal magnetic circuit breaker rated not more than shown in the table below.

Maximum 50kA RMS at 600Vac when protected by thermal-magnetic circuit breaker rated not more than shown in the table below.

Maximum 100kA RMS at 600V when protected by class CC or class J fuses rated not more than shown in the table below.

Overload Cat. Nos.	Overload Cat. Nos.	Maximum Circuit Breaker Ampacity	Maximum Class J or CC Fuse Ampacity
LRD04L through LRD07L & LR3D04L through LR3D07L	LRD01 through LRD07 & LR3D01 through LR3D07	15	10
LRD08L, LR3D08L	LRD08, LR3D08	15	15
LRD10L, LR3D10L	LRD10, LR3D10	15	20
LRD12L, LR3D12L	LRD12, LR3D12	15	30
LRD14L, LR3D14L	LRD14, LR3D14	20	40
LRD16L, LR3D16L	LRD16, LR3D16	25	50
LRD21L, LR3D21L	LRD21, LR3D21	35	60
LRD22L, LR3D22L	LRD22, LR3D22	45	60
LRD32L, LR3D32L	LRD32, LR3D32	60	80
--	LRD35, LR3D35	70	100

- LRD32L is not applicable with LC1D32 at 10HP under 200-208V(Wye)
- Thermal overload relays, Class 20, Type LR2-D35 and LR3-D35.

**Note:**

Optional High fault ratings:

Maximum 100kA RMS at 480V when protected by thermal-magnetic circuit breaker rated not more than shown in the table below.

Maximum 100kA RMS at 600V when protected by Class J fuse rated not more than shown in the table below

Overload [with or without adapter LA7D3064]	Maximum circuit breaker ampacity	Maximum Class J fuse ampacity
LR2D3522, LR3D3522	45	60
LR2D3553, LR3D3553	60	80
LR2D3555, LR3D3555	70	90
LR2D3557, LR3D3557	90	125
LR2D3559, LR3D3559	125	150
LR2D3561, LR3D3561	125	175
LR2D3563, LR3D3563	150	200

- Thermal overload relays. Open types, ambient compensated, adjustable, Types LR2K-0301, 0.11 to 0.16A through LR2K-0311, 0.11 to 0.16A through LR2K-0316, 8 to 11.5A at 600V max; contacts rated B600.

An adapter LA7K0064

**Note:**

Optional High fault ratings:

Maximum 65kA RMS at 480V when protected by thermal-magnetic circuit breaker rated not more than shown in the table below.

Maximum 25kA RMS at 600Vac when protected by thermal-magnetic circuit breaker rated not more than shown in the table below.

Maximum 100kA RMS at 600V when protected by Class J or CC fuse rated not more than shown in the table below.

Overload Cat. Nos. [with or without adapter LA7K0064]	Maximum Circuit Breaker Ampacity	Maximum Class J or CC Fuse Ampacity
LR2K0301 through LR2K0310	15	10
LR2K0312	15	20
LR2K0314	25	30
LR2K0316	25	30

- Electronic motor protection relays, Types LR9F followed by two or four suffixes, open type, line voltage 600V ac max, 3 ph, 50/60Hz, with relay class designation 10/10A & 20, 10 and 20, with current ranges from 30-50A

to 380-630A, contact code rating 600V ac max, B600 and 300V dc max, R300.

- Electronic motor protection relays, Types LR9D followed by two or four suffixes.

**Note:**

Optional High fault ratings:

Maximum 100kA RMS at 480V when protected by thermal-magnetic circuit breaker rated not more than shown in the table below.

Maximum 50kA RMS at 600Vac when protected by thermal-magnetic circuit breaker rated not more than shown in the table below.

Maximum 100kA RMS at 600V when protected by Class J or Class CC fuses rated not more than shown in the table below.

Overload Cat. Nos. [with or without lug kit]	Maximum Circuit Breaker Ampacity	Maximum Class J or CC Fuse Ampacity
LR9D5367, LR9D5567, LR9F5367, LR9F5567	175	225
LR9D5369, LR9D5569, LR9F5369, LR9F5569	250	400
LR9D67, LR9F67	175	225
LR9D69, LR9F69	250	400

Solid State Overload Relay suitable for a Maximum Short Circuit Current at the maximum voltage and when protected by a Magnetic only or a Thermal-Magnetic circuit breaker rated not more than shown in the table below.

Overload Cat. Nos. with or without lug kit	Max. SCCR (A)	Max. Circuit Breaker Ampacity (A)	Max. Voltage (V)
LR9*5357 / LR9*5557 / LR9*57	100,000 A	90 A	480 V
LR9*5363 / LR9*5563 / LR9*63	100,000 A	150 A	480 V
LR9*5371 / LR9*5571 / LR9*71	65,000 A	250 A	480 V

Notes: \* Can be a D or F

- Low voltage Intelligent Motor Protection Relay, series TeSys T, cat. No.LTMR and LTMEV, rated 0,4 to 100A or 810Amax with external current transformers; Control circuit board input: 24Vdc or 100 to 240Vac, 50/60Hz, Power motor control circuits 600Vac max, 50/60Hz. Control circuit output contact rating 250Vac or 30Vdc, 4.5A; B300. Short circuit withstand rating 100kA RMS sym,

600Vmax. Modbus, Profibus/DP, DeviceNet, Modbus/TCP, EtherNet/IP and CANopen communication protocols.

Accessory: Filter, catalog number LTM9F, dedicated for LTMR and LTMEV cat no., series TeSys T.

- Auxiliary switch unit with time delay, Types LAD-T0, T2, T4, LAD-R0, R2, R4, LAD-S2, may be followed by 3 or 6.
- Series D Overload Relays Thermal, Cat. Nos. LR2-D13, LR2-D23, LR3-D13 and LR3-D23, followed by suffixes, current range 0.10-0.16A to 30-40A. Auxiliary contact B600, R300.
- Auxiliary contactors pilot duty rating: A600-P600, continuous current 10A operating coil 600V max, 50/60Hz or 575V dc max, Cat. No. CAD and followed by two digit numbers, may be followed by one digit number, followed by one or two letters, may be followed by a digit number, may be followed by S335 (for ac coils) or by S207 (for dc coils). Open type, provided with five auxiliary contacts.
  - Cat. No. CAD.3... are provided with spring force terminal suitable for field wiring.
  - Cat. No. CAD.9... are provided with Fast-on quick connectors.
- Auxiliary contact block, Type LA1-KN., contact A600, Q600;
- Coil suppressor, Type LA4-KA, LA4-KC, LA4-KE, 250Vac/dc max;
- Auxiliary switches Cat. No. LA1-DN, LAD-N and DPEAN followed by 13, 22, 31, 40, 02, 11, 20, 01, 04, 10, LA1-DC and LAD-C followed by 22, LA8-DN and LAD-8N followed by suffixes, rated A600 - Q600, for use with Types LC1-D, LP1-D motor controllers on Types CA2-D, CA3-D auxiliary devices.

Notes:

1. Open type devices are Certified as components of other equipment where the suitability of the combination is determined by CSA.
2. Cat. No. LA1-DN, LAD-N and DPEAN are provided with spring force terminal suitable for field wiring, suffix 3.