

**Table 18.24: Definite Purpose Ratings, 3-Phase, Breaking All Lines, 100,000 Cycles (Hermetic Refrigeration Compressor)**

| Device                | FLA | LRA   |       |       |
|-----------------------|-----|-------|-------|-------|
|                       |     | 240 V | 480 V | 600 V |
| LC1D09 (AC coil only) | 9   | 54    | 45    | 36    |
| LC1D12 (AC coil only) | 12  | 72    | 60    | 48    |
| LC1D18 (AC coil only) | 18  | 108   | 90    | 72    |
| LC1D25 (AC coil only) | 25  | 150   | 125   | 100   |
| LC1D32 (AC coil only) | 32  | 192   | 160   | 128   |
| LC1D40A               | 40  | 240   | 200   | 160   |
| LC1D50A               | 50  | 300   | 250   | 200   |
| LC1D65A               | 65  | 390   | 325   | 260   |
| LC1D80                | 75  | 450   | 375   | 300   |
| LC1D115               | 115 | 690   | 575   | 460   |
| LC1D150               | 150 | 900   | 750   | 600   |

## TeSys™ Deca Overload Relays



LRD07



LR9D32

**Table 18.25: TeSys™ Deca Overload Relays—Ambient Compensated, Bimetallic, Direct Mounting**

| Current Setting Range (A) | For Direct Mounting to LC1D/LC2D... | Class 10 with Single-Phase Sensitivity | Class 10 without Single-Phase Sensitivity | Class 20 with Single-Phase Sensitivity | Class 20 without Single-Phase Sensitivity |
|---------------------------|-------------------------------------|----------------------------------------|-------------------------------------------|----------------------------------------|-------------------------------------------|
| 0.10–0.16                 | D09–D38                             | LRD01                                  | LR3D01                                    | —                                      | —                                         |
| 0.16–0.25                 |                                     | LRD02                                  | LR3D02                                    | —                                      | —                                         |
| 0.25–0.40                 |                                     | LRD03                                  | LR3D03                                    | —                                      | —                                         |
| 0.40–0.63                 |                                     | LRD04                                  | LR3D04                                    | —                                      | —                                         |
| 0.63–1                    |                                     | LRD05                                  | LR3D05                                    | LRD05L                                 | —                                         |
| 1–1.6                     |                                     | LRD06                                  | LR3D06                                    | LRD06L                                 | —                                         |
| 1.6–2.5                   |                                     | LRD07                                  | LR3D07                                    | LRD07L                                 | LR3D07L                                   |
| 2.5–4                     |                                     | LRD08                                  | LR3D08                                    | LRD08L                                 | LR3D08L                                   |
| 4–6                       |                                     | LRD10                                  | LR3D10                                    | LRD10L                                 | LR3D10L                                   |
| 5.5–8                     |                                     | LRD12                                  | LR3D12                                    | LRD12L                                 | LR3D12L                                   |
| 7–10                      |                                     | LRD14                                  | LR3D14                                    | LRD14L                                 | LR3D14L                                   |
| 9–13                      | D12–D38                             | LRD16                                  | LR3D16                                    | LRD16L                                 | LR3D21L                                   |
| 12–18                     | D18–D38                             | LRD21                                  | LR3D21                                    | LRD21L                                 | LR3D21L                                   |
| 16–24                     | D25–D38                             | LRD22                                  | LR3D22                                    | —                                      | —                                         |
| 17–24                     | D25–D38                             | —                                      | —                                         | LRD22L                                 | LR3D22L                                   |
| 23–32                     | D25–D38                             | LRD32                                  | LR3D32                                    | LRD32L                                 | LR3D32L                                   |
| 30–38                     | D32–D38                             | LRD35                                  | LR3D35                                    | —                                      | —                                         |
| 9–13                      | D40A–D65A                           | LRD313                                 | LR3D313                                   | LRD313L                                | —                                         |
| 12–18                     | D40A–D65A                           | LRD318                                 | LR3D318                                   | LRD318L                                | —                                         |
| 17–25                     | D40A–D65A                           | LRD325                                 | LR3D325                                   | LRD325L                                | —                                         |
| 23–32                     | D40A–D65A                           | LRD332                                 | LR3D332                                   | LRD332L                                | —                                         |
| 30–40                     | D40A–D65A                           | LRD340                                 | LR3D340                                   | LRD340L                                | —                                         |
| 37–50                     | D40A–D65A                           | LRD350                                 | LR3D350                                   | LRD350L                                | —                                         |
| 48–65                     | D40A–D65A                           | LRD365                                 | LR3D365                                   | LRD365L                                | —                                         |
| 17–25                     | D40–D95                             | LRD3322                                | LR3D3322                                  | LR2D3522                               | LR3D3522                                  |
| 23–32                     | D40–D95 [13]                        | LRD3353                                | LR3D3353                                  | LR2D3553                               | LR3D3553                                  |
| 30–40                     | D40–D95 [13]                        | LRD3355                                | LR3D3355                                  | LR2D3555                               | LR3D3555                                  |
| 37–50                     | D50–D95 [13]                        | LRD3357                                | LR3D3357                                  | LR2D3557                               | LR3D3557                                  |
| 48–65                     | D50–D95 [13]                        | LRD3359                                | LR3D3359                                  | LR2D3559                               | LR3D3559                                  |
| 55–70                     | D65–D95                             | LRD3361                                | LR3D3361                                  | LR2D3561                               | LR3D3561                                  |
| 63–80                     | D65–D95                             | LRD3363                                | LR3D3363                                  | LR2D3563                               | LR3D3563                                  |
| 80–104                    | D95                                 | LRD3365                                | —                                         | —                                      | —                                         |
| 80–104                    | D115–D150                           | LRD4365                                | —                                         | —                                      | —                                         |
| 95–120                    | D115–D150                           | LRD4367                                | —                                         | —                                      | —                                         |
| 110–140                   | D150                                | LRD4369                                | —                                         | —                                      | —                                         |

[13] Direct Mount to old D2 style D40 to D65 (no Everlink terminations) and to D80 and D95 only.