

LC1D80U5

Schneider Electric LC1D80U5 - Contactor, TeSys Deca, 3P(3NO), AC-3/AC-3e, <=440V, 80A, 240V AC 50Hz coil, screw clamp terminals

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	LC1D80U5
PRODUCT FAMILY	CATEGORY
TeSys Deca	Contactor
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

TeSys Deca contactor, 3P(3NO) for category AC-3/AC-3e applications up to 80A @440V. It provides with 240V 50 Hz coil, with 1NO+1NC auxiliary contacts, power and control connections by screw clamp terminals. It procures high reliability and durability with 10 Mcycles mechanical durability and 1.5 Mcycles electrical durability. It provides IP20 protection on front face conforming to IEC 60529. It can cover -40°C to 60°C operation temperature and without derating under 3000m altitude. Designed for demanding applications with maximum operating rates up to 3600 cycles per hour under maximum 60°C. The dimension is 127mm x 85mm x 130mm (H x W x D), mounting on rail or plate. Multi standards certified(CCC,CSA,UL,GOST,BV,RINA,DNV,LROS,GL) and Green Premium compliant (RoHs/Reach). Schneider Electric LC1D80U5 is the exact active commercial reference for Contactor, TeSys Deca, 3P(3NO), AC-3/AC-3e, <=440V, 80A, 240V AC 50Hz coil, screw clamp terminals in the TeSys Deca range for industrial motor and load control. This contactor supports industrial motor starters, process equipment, pumps, compressors, HVAC installations and heavy-duty electrical panels. Official Schneider characteristics include Range: TeSys; Range of product: TeSys Deca; Product or component type: Contactor; Device short name: LC1D; Contactor application: Motor control Resistive load; Utilisation category: AC-3 AC-3e AC-4 AC-1; Poles description: 3P; [Ue] rated operational voltage: Power circuit: Power circuit: <= 690 V

RECORDED SPECIFICATIONS

Range	TeSys
Motor power hp	
Motor power kW	
Protective cover	With
Range of product	TeSys Deca
Device short name	LC1D
Poles description	3P
Compatibility code	LC1D
Official lifecycle	Current official manufacturer lifecycle evidence
Utilisation category	AC-3 AC-3e AC-4 AC-1

ADDITIONAL SPECIFICATIONS

Contactor application	Motor control Resistive load
Manufacturer part number	LC1D80U5
Pole contact composition	3 NO
Product or component type	Contactor
[Uc] control circuit voltage	240 V AC 50 Hz
[Ie] rated operational current	125 A (at 80 A (at 80 A (at <60 °C) at <= 440 V AC AC-3e for power circuit
[Ue] rated operational voltage	Power circuit: Power circuit: <= 690 V AC
[Ith] conventional free air thermal current	10 A (at 60 °C) for signalling circuit 125 A (at 60 °C) for power circuit

MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.