

IEC contactor, Easy TeSys DPE, nonreversing, 25A, 3P, 10HP at 480V AC, 24V DC coil

DPE25BL

Product availability: Stock - Normally stocked in distribution facility

Main

Range	Easy TeSys	
Product name	Easy TeSys DPE	
Product or Component Type	Contactor	
Device short name	DPE	
Contactor application	Resistive load Motor control	
Utilisation category	AC-4 AC-1 AC-3	
Poles description	3P	
Pole contact composition	3 NO	
Auxiliary contact composition	1 NO	
[le] rated operational current	25 A (at <140 °F (60 °C)) at <= 440 V AC AC-3 for power circuit 32 A (at <140 °F (60 °C)) at <= 440 V AC AC-1 for power circuit	
[Uc] control circuit voltage	24 V DC	
Motor power kW	5.5 kW 220230 V AC 50/60 Hz 11 kW 380400 V AC 50/60 Hz 11 kW 415 V AC 50/60 Hz 11 kW 440 V AC 50/60 Hz 15 kW 500 V AC 50/60 Hz 15 kW 660690 V AC 50/60 Hz	
Maximum Horse Power Rating	1 hp at 115 V AC 50/60 Hz for 1 phase motors 3 hp at 230/240 V AC 50/60 Hz for 1 phase motors 5 hp at 200/208 V AC 50/60 Hz for 3 phase motors 5 hp at 230/240 V AC 50/60 Hz for 3 phase motors 10 hp at 460/480 V AC 50/60 Hz for 3 phase motors 15 hp at 575/600 V AC 50/60 Hz for 3 phase motors	

Complementary

Maximum Operational Voltage	Power circuit <= 690 V AC 25400 Hz Power circuit <= 300 V DC
[Ith] conventional free air thermal current	10 A (at 140 °F (60 °C)) for signalling circuit 32 A (at 140 °F (60 °C)) for power circuit
	32 A (at 140 1 (00 0)) for power circuit
Irms rated making capacity	140 A AC for signalling circuit conforming to IEC 60947-5-1
	250 A DC for signalling circuit conforming to IEC 60947-5-1
	300 A at 440 V for power circuit conforming to IEC 60947
Rated breaking capacity	300 A at 440 V for power circuit conforming to IEC 60947
Associated fuse rating	10 A gG for signalling circuit conforming to IEC 60947-5-1
	50 A gG at <= 690 V coordination type 1 for power circuit
	35 A gG at <= 690 V coordination type 2 for power circuit
Average impedance	2.5 mOhm - Ith 32 A 50 Hz for power circuit

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

1 Mcycles 25 A AC-3 <= 440 V 0.6 Mcycles 32 A AC-1 <= 440 V B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1	
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DC	
Without built-in suppressor module	
Drop-out: 0.10.3 Uc (at <158 °F (70 °C)) Operational: 0.81.25 Uc (at <140 °F (60 °C)) Operational: 11.25 Uc (at <158 °F (70 °C))	
2.4 W 68 °F (20 °C))	
2.4 W 68 °F (20 °C)	
23 W 50/60 Hz	
65.4588.55 ms closing 2030 ms opening	
10 Mcycles	
3600 cyc/h 140 °F (60 °C)	
Mechanically linked 1 NO IEC 60947-5-1	
5 mA for signalling circuit	
17 V for signalling circuit	
> 10 MOhm for signalling circuit	
1.5 ms on de-energisation between NC and NO contact 1.5 ms on energisation between NC and NO contact	
25400 Hz	
Power circuit: screw clamp terminals 1 0.0020.006 in² (14 mm²) - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 2 0.0020.006 in² (14 mm²) - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 1 0.0020.006 in² (14 mm²) - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 2 0.0020.004 in² (12.5 mm²) - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 1 0.0020.006 in² (14 mm²) - cable stiffness: solid without cable end Power circuit: screw clamp terminals 2 0.0020.006 in² (14 mm²) - cable stiffness: solid without cable end Control circuit: screw clamp terminals 1 0.0020.006 in² (14 mm²) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 0.0020.006 in² (14 mm²) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 0.0020.006 in² (14 mm²) - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 0.0020.006 in² (14 mm²) - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 0.0020.006 in² (14 mm²) - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 0.0020.006 in² (14 mm²) - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 0.0020.006 in² (14 mm²) - cable stiffness: solid without cable end	
Power circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals flat Ø 6 mm Power circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Philips No 2 Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals flat Ø 6 mm Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Philips No 2	
Rail Plate	
3.03 in (77 mm)	

Depth	3.4 in (86 mm)
Net Weight	0.73 lb(US) (0.33 kg)

Environment

[Ui] rated insulation voltage	Power circuit 690 V IEC 60947-4-1 Power circuit 600 V CSA Power circuit 600 V UL Signalling circuit 690 V IEC 60947-1	
Overvoltage category	III	
Pollution degree	3	
[Uimp] rated impulse withstand voltage	6 kV IEC 60947	
Standards	CSA C22.2 No 14 EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 60947-4-1	
Product Certifications	UL CSA	
IP degree of protection	IP20 front face IEC 60529	
Ambient Air Temperature for Storage	-76176 °F (-6080 °C)	
Ambient air temperature for operation	-40140 °F (-4060 °C)	
Operating altitude	06561.68 ft (02000 m)	
Fire resistance	1562 °F (850 °C) IEC 60695-2-1	
Mechanical robustness	Vibrations contactor open 2 Gn, 5300 Hz) Vibrations contactor closed 4 Gn, 5300 Hz) Shocks contactor open 10 Gn for 11 ms) Shocks contactor closed 15 Gn for 11 ms)	

Ordering and shipping details

Category	US10I1322362
Discount Schedule	0113
GTIN	3606481064288
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.98 in (10.1 cm)
Package 1 Width	1.77 in (4.5 cm)
Package 1 Length	3.35 in (8.5 cm)
Package weight(Lbs)	14.1 oz (400.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	16
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)

Package 2 Length	15.75 in (40.0 cm)	
Package 2 Weight	14.804 lb(US) (6.715 kg)	
Unit Type of Package 3	P06	
Number of Units in Package 3	256	
Package 3 Height	303.15 in (770.0 cm)	
Package 3 Width	23.62 in (60.0 cm)	
Package 3 Length	31.50 in (80.0 cm)	
Package 3 Weight	255.60 lb(US) (115.94 kg)	



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

∇ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	24
Environmental Disclosure	Product Environmental Profile

Use Better

⊗ Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	50ae7612-fd2e-41e4-a369-50d0dea6e592
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative







