
PRODUCT-DETAILS

A185-30-00-34

A185-30-00 175V 50Hz Contactor



genel Bilgi

Geniřletilmiř Ürün Türü	A185-30-00-34
Ürün Kimlięi	1SFL491001R3400
EAN	7320500216590
Katalog Açıklaması	A185-30-00 175V 50Hz Contactor
Uzun Açıklama	A 3-phase Contactor suitable for various applications such as Motor starting, Isolation, By-pass and Distribution application up to max 1000 V. Operated with control voltage, versions from 24...690 AC, 50 and 60 Hz

Ordering

Minimum Sipariř Miktarı	1 piece
Gümrük Tarifesi numarası	85364900
Yedek Ürün Kimlięi (YENİ)	1SFL487002R1300

Popular Downloads

Veri Sayfası, Teknik Bilgi	1SBC100192C0206
Talimatlar ve Kılavuzlar	1SFC380003-89
Boyut Őeması	53540923-7

Dimensions

Ürün Net Genişliği	105 mm
Ürün Net Derinlik / Uzunluk	160 mm
Ürün Net Yüksekliği	196 mm
Ürün Net Ağırlığı	2.9 kg

Technical

Number of Main Contacts NO	3
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Auxiliary Contacts NC	0
Nominal Çalışma Gerilimi	Main Circuit 690 V
Nominal Frekans (f)	Main Circuit 50 Hz
Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-4-1, Open Contactors $q = 40$ °C 275 A
Rated Operational Current AC-1 (I_e)	(1000 V) 40 °C 200 A (1000 V) 55 °C 200 A (1000 V) 70 °C 180 A (690 V) 40 °C 275 A (690 V) 55 °C 250 A (690 V) 70 °C 180 A
Rated Operational Current AC-3 (I_e)	(415 V) 55 °C 185 A (440 V) 55 °C 185 A (500 V) 55 °C 170 A (690 V) 55 °C 170 A (1000 V) 55 °C 95 A (380 / 400 V) 55 °C 185 A (220 / 230 / 240 V) 55 °C 185
Rated Operational Power AC-3 (P_e)	(415 V) 90 kW (440 V) 90 kW (500 V) 110 kW (690 V) 132 kW (380 / 400 V) 90 kW (220 / 230 / 240 V) 55 kW
Rated Breaking Capacity AC-3	8 x I_e AC-3
Rated Making Capacity AC-3	10 x I_e AC-3
Kısa Devre Koruyucu Cihazlar	gG Type Fuses 160 A
Maximum Breaking Capacity	$\cos \phi = 0.45$ ($\cos \phi = 0.35$ for $I_e > 100$ A) at 440 V 2000 A $\cos \phi = 0.45$ ($\cos \phi = 0.35$ for $I_e > 100$ A) at 690 V 1600 A
Maximum Electrical Switching Frequency	(AC-1) 300 cycles per hour (AC-2 / AC-4) 150 cycles per hour (AC-3) 300 cycles per hour
Rated Operational Current DC-1 (I_e)	(110 V) 2 Poles in Series, 40 °C 275 A (220 V) 3 Poles in Series, 40 °C 275 A
Rated Operational Current DC-3 (I_e)	(110 V) 2 Poles in Series, 40 °C 275 A (220 V) 3 Poles in Series, 40 °C 275 A
Rated Operational Current DC-5 (I_e)	(110 V) 2 Poles in Series, 40 °C 275 A (220 V) 3 Poles in Series, 40 °C 275 A
Rated Insulation Voltage (U_i)	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U_{imp})	Main Circuit 8 kV
Mechanical Durability	5 million
Maximum Mechanical Switching Frequency	3600 cycles per hour
Coil Operating Limits	(acc. to IEC 60947-4-1) 0.85 x U_c Min. ... 1.1 x U_c Max. (at $\theta \leq 70$ °C)

Rated Control Circuit Voltage (U _c)	50 Hz 175 V 60 Hz 208 V
Coil Consumption	Holding at Max. Rated Control Circuit Voltage 50 Hz 35 V-A Holding at Max. Rated Control Circuit Voltage 60 Hz 40 V-A Pull-in at Max. Rated Control Circuit Voltage 50 Hz 550 V-A Pull-in at Max. Rated Control Circuit Voltage 60 Hz 600 V-A
Operate Time	Between Coil De-energization and NC Contact Closing 5 ... 10 ms Between Coil Energization and NO Contact Closing 13 ... 27 ms
Connecting Capacity Main Circuit	Bar 24 mm ² Rigid Al-Cable 25 ... 150 mm ² Rigid Cu-Cable 6 ... 185 mm ²
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 2.5 mm ² Flexible 2x0.75 ... 2.5 mm ² Solid 2 x 1 ... 4 mm ² Stranded 1 x 1 ... 4 mm ²
Koruma Derecesi	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00
Connecting Terminals (delivered in open position) Main Poles	Flat type c/w screws and bolts
Terminal Türü	Main Circuit: Bars

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V
General Use Rating UL/CSA	(600 V AC) 250 A
Beygir Gücü Anma UL/CSA	(200 V AC) Three Phase 50 hp (208 V AC) Three Phase 50 hp (220 ... 240 V AC) Three Phase 60 hp (440 ... 480 V AC) Three Phase 125 hp (550 ... 600 V AC) Three Phase 150 hp

Environmental

Ortam Hava Sıcaklığı	Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 U _c) -25 ... 50 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 U _c) -40 ... 70 °C Close to Contactor for Storage -40 ... +70 °C
İzin Verilen Maksimum Çalışma Rakımı	Without Derating 3000 m
IEC 60068-2-27'ye göre Şoka Karşı Direnç	Shock Direction: A 5 g Shock Direction: B1 5 g Shock Direction: B2 5 g Shock Direction: C1 5 g Shock Direction: C2 5 g
RoHS Durumu	Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

BV Sertifikası	09826/C0 BV
CB Certificate	SE-69489
CQC Certificate	CQC2002010304011010 CQC2009010304353525
CSA Sertifikası	314004
Declaration of Conformity - CCC	2020980304001633 2020980304001040
Uygunluk Beyanı - CE	2CMT2015-005436
Declaration of Conformity - UKCA	2CMT2020-006118
DNV Sertifikası	DNV_E-12191
Çevre Bilgileri	1SFC101002D0201

GL Sertifikası	GL_15529-00HH
Talimatlar ve Kılavuzlar	1SFC380003-89
LOVAG Certificate	SE9837127
LR Sertifikası	LR_12-70003
RINA Sertifikası	ELE060313XG/001
RMRS Sertifikası	RMRS_12-03683-315
RoHS Bilgileri	2CMT2015-005436

Container Information

Paket Seviye 1 Birimler	box 1 piece
Paket Düzey 1 Genişlik	178 mm
Paket Seviye 1 Derinlik / Uzunluk	232 mm
Paket Seviye 1 Yükseklik	167 mm
Paket Seviye 1 Brüt Ağırlık	3.5 kg
Paket Düzey 1 EAN	7320500216590

Classifications

Nesne Sınıflandırma Kodu	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
ETIM 6	EC000066 - Power contactor, AC switching
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Power contactor, AC switching
eSınıf	V11.0 : 27371003
UNSPSC	39121529
IDEA Granüler Kategori Kodu (IGCC)	4755 >> Contactors

katagori

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors

