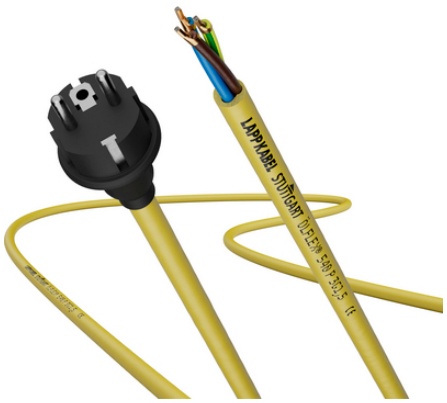
ÖLFLEX® PLUG 540 P 단상 연결 어셈블리

PUR-sheathed ÖLFLEX
®

& 250V CEE single-phase plug for 230/400V TN grid

Robust ÖLFLEX® PLUG 540 P PUR power cable, harnessed, 250 V single-phase CEE plug per VDE 0620 and w/ IP20 or IP44 on 1st end, core crimp sleeves on 2nd end

정보
VDE 등록이 있고 기계적으로 견고하며 내유성을 지닌 PUR 연결 케이블
VDE 표준에 따라 인증된 사출성형 250V 단상 플러그
Up to IP44 and/or K2 ability, depending on version



기계 및 플랜트 엔지니어링

화염 저지력

조립 시간

공간 요구 사항

신뢰도

전압

자외선 저항

최근 업데이트 (17.05.2025)

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장점

Ready-to-connect hookup power assembly for time-saving installation
Accordance of 3G1.5mm² versions with IP44 Earth Contact plug (recognizable by "P07 3G1,5" in those articles' short descriptions) with certain, technical provisions by relevant third party, such as German BG, resp. DGUV, on heavy-duty mechanical conditions, industrial use category K2, increased, electrical hazard, construction/ assembly sites
Compatible with plug-fit systems type E and type F as well as with pin assignment according to the Czech CSN standard for extensive use in Europe
Durable product, thanks to oil-, MUD-, abrasion-, notch- and cut-resistant outer sheath material of the cable, as well as UV, ozone and hydrolysis resistance of the assembly
Yellow signal colour of the outer sheath for quick visual perception and prevention of accidents and damage

응용 범위

Assembly and construction of appliances and control cabinets, for mobile use in particular, plugged into regular, European TN infrastructure with U_0/U = 230/400 V in nominal voltage @ 50 to 60 Hz in frequency
3-core variants with protection type IP 44 are suitable for outdoor use in Europe, and are permitted to be exposed to falling rain
3-core variants with protection type IP44 and a conductor cross-section of 1.5 mm² (recognizable by "P07 3G1.5" within the article name) are suitable for industrial use category 2 (K2) according to German BGI/ GUV-I 600, for use as heavy design type in case of extended electrical hazard according to German BGI 594, and for use under heavy-duty mechanical conditions according to DIN VDE 0620-2-1, including construction and assembly sites according to German DGUV Information 203-006 (BGI/ GUV-I 608) (provided that extraordinary operating circumstances are excluded)
2-core variants with protection type IP 20 must not get in contact with water and are generally not intended for industrial applications or construction/ assembly sites
Attention during installation regarding **Tensile Strain Relief**: The supple material of the cable's single core insulations has got a floating nature/stretchability, thus during wiring it shall be made sure the cable's **single cores are relieved from tensile strain**.
Unplugging from power source/ socket (female) by grasping and pulling **on the black plug (male) only**, **not on the yellow cord**

제품 특성

케이블: LAPP의 ÖLFLEX®

540 P, 때때로 굽힐 수 있고 코어 색상 코드 HD 308/ VDE 0293-308인 유연한 등급 5 연결 케이블
노란색 PUR 케이블 외부 피복: 할로겐 미함유, IEC 60332-1-2 규격 난연, EN 50363-10-2 규격 내자외선, 내오존, 내마모성, 내절단, 가수 분해 방지, 미생물 내성, 내유성, IEC 61892-4 부록 D 규격 드릴 유체에 대한 MUD 내성
The integrated cable ÖLFLEX®

540 P withstands high mechanical loads, and is resistant to acids, alkalis and mineral oils
Plug-fit systems Type E (French) and Type F: CEE 7/17 plugs w/o earthing contact equally plug-compatible with both systems, CEE 7/7 plug w/ earthing contact additionally earth contacting to both plug-fit systems
Depending on the product's ultimate standard version, IP protection type IP20 (CEE 7/17) or IP44 (CEE 7/7);
Standard plugs with IP44 fulfil heavy-duty conditions as per Appendix C of VDE 0620-2-1;
All standard plugs' joint rated ampacity as per DIN VDE 0620-2-1 is 16 A;
Black plugs UV resistant

Norm references / Approvals

LAPP의 ÖLFLEX®

540 P 케이블:
VDE 등록번호 6583 - AC 300/500 V, 1 mm²까지;

VDE 등록번호 6584 - AC 450/750 V, 1.5 mm²부터

Standard plugs and moulding designed and tested acc. to DIN VDE 0620-2-1 (and a number of related, national design standards) and accordingly KEMA-KEUR certified by notified body DEKRA
Standard plugs and moulding designed and tested acc. to IEC 60884-1 and accordingly IECEE/IEC certified by notified body DEKRA, on the basis of CB Scheme test procedure

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2차 가공 종단(피복 제거, 절연 제거, 크림핑)용 규격 기초: DIN EN 61238-1(VDE 0220), DIN EN 60352-2

제품 구성

VDE-registered, flexible (conductor class 5 per IEC 60228), yellow, chemically resistant TPE/PUR power cable ÖLFLEX®

540 P with core identification code as per HD 308, and - subject to nominal conductor cross section - different, low, nominal IEC voltage classes U_0/U (see "Technical data")
Black-coloured, non-reconnectable (moulded), 250 V rated single-phase plugs as per DIN VDE 0620-2-1
Plug-fit systems Type E (French) and Type F: CEE 7/17 plugs w/o earthing contact equally plug-compatible with both systems, CEE 7/7 plug w/ earthing contact additionally earth contacting to both plug-fit systems. Both CEE plugs with functional pole-to-pin allocation acc. to Czech CSN Standard, yet still in line with most European allocations
Standard plug option 1: Round, straightly shaped, 2-pole pin attachment contour central plug without earth contact (CEE 7/17 style), made of PVC, protection type IP 20 (not waterproof)
Standard plug option 2: Straightly shaped 2-pole Earth Contact central plug (CEE 7/7 style) made of PVC, Schutzart IP 44 (spritzwasserdicht)
2차 케이블 종단: 케이블 종단부터 3cm 피복 제거, 절연 제거된 코어 위에 무납땜/기계식 압착을 통한 크림프 슬리브, 연결 러그 미포함, 코어 절연 위 압착된 금속 칼라 포함, DIN EN 60352-2 규격
On request, close to standard product, and under additional LAPP part number: Additionally reinforced tensile strain relief between the cable's outer sheath and the plug's moulding

기술 데이터

분류 ETIM 5:	ETIM 5.0 Class-ID: EC001576 ETIM 5.0 Class 설명: 전원코드
분류 ETIM 6:	ETIM 6.0 Class-ID: EC001576 ETIM 6.0 Class-Description: Power cord
코어 인식 코드:	VDE 0293-308 (표 T9)
도체 연합:	VDE 0295 클래스 5/ IEC 60228 클래스 5에 따른 가는 집합선 가요도체
최소 곡률 반경:	간헐적 움직임: 10 x 외경 고정 설치: 4 x 외경
공칭 전압:	**커넥터의 정격 전압 250 V**, VDE 0620-2-1 규격 **alleinig** relevant und **zulässig hinsichtlich** Dauer-**Betrieb der gesamten, fertigen Konfektion** **IEC nominal AC voltage classes of the integrated metre ware cable** ÖLFLEX® 540 P by LAPP, depending on the nominal conductor cross section of the cable:U_0/U = 300/500 V for cable conductors of 1 mm² and smaller, U_0/U = 450/750 V for cable conductors not smaller than 1.5 mm² **(unpermissible as reference for the maximum, permanent operating voltage of the entire harnessed assembly, but instead solely the rated voltage of the plug of 250 V acc. to VDE 0620-2-1 is permissible for the assembly)**
시험 전압:	조립체: 2000 V
보호 도체:	G = GN/YE 포함

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비고
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가격은 VAT 및 할증료가 없는 가격. 비즈니스 고객에게만 판매
DIN VDE 0620-1에 따라 안전 정보 준수를 바랍니다. 가정용과 유사한 목적의 플러그과 소켓 아울렛 - 파트 1: 일반 요구사항, 부록 E: "관련된 전자기계적 숙련도와 경험이 있는 사람만이 설치 할 수 있음"

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품번	충전 전류	Length (m)	외피 색상	구리 지수 kg/1.000 pieces
250V assembly with 2-pole, round CEE 7/17 pin attachment contour central plug without earth contact, IP20, PVC-based, regularly not for heavy-duty use conditions				
73224180	2 X 0.75	2	황색	28.8
73224181	2 X 0.75	3.5	황색	50.4
73224182	2 X 0.75	5	황색	72
73224183	2 X 1.0	2	황색	38.4
73224184	2 X 1.0	3.5	황색	67.2
73224185	2 X 1.0	5	황색	96
73224186	2 X 1.5	2	황색	58
73224187	2 X 1.5	3.5	황색	101.5
73224188	2 X 1.5	5	황색	145
250V assembly with 2-pole CEE 7/7 Earth Contact central plug, IP44, PVC-based - regularly not for K2 heavy-duty conditions or for construction/ installation sites due to cable's 300/500V class				
73224189	3 G 0.75	2	황색	43.2
73224190	3 G 0.75	3.5	황색	75.6
73224191	3 G 0.75	5	황색	108
73224192	3 G 1.0	2	황색	58
73224193	3 G 1.0	3.5	황색	101.5
73224194	3 G 1.0	5	황색	145
250V assembly with 2-pole CEE 7/7 Earth Contact central plug, IP44, PVC-based - thanks to cable's 450/750V class for K2 heavy-duty conditions or for construction/ installation sites if secluded from special use conditions				
73224195	3 G 1.5	2	황색	86
73224196	3 G 1.5	3.5	황색	150.5
73224197	3 G 1.5	5	황색	215