PRC FC-45/90-HSG 8-21 - Connector housing

1065798

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Connector housing, Range of articles: PRC 35, color: black, rated voltage: 690 V AC, min. cable diameter: 8 mm, max. cable diameter: 21 mm, Connector housing without contact insert. Please order the appropriate contact inserts according to the accessories list

Your advantages

- Versatile interfaces with straight and angled connector housings
- Universal accommodation of existing connector heads with screw connection technology
- Modular system for optimized storage
- Locking mechanism can be unlocked manually or using a tool
- Ideal for indoor and outdoor use due to weatherproof materials

Commercial data

Item number	1065798
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLCBA
GTIN	4055626730400
Weight per piece (including packing)	71.9 g
Weight per piece (excluding packing)	58.25 g
Customs tariff number	85389099
Country of origin	PL

Technical data

Notes

Order information:	Connector housing without contact insert. Please order the appropriate contact inserts according to the accessories list

Product properties

Product type	Installation connector
Product family	PRC 35

Insulation characteristics

Protection class	II
Degree of pollution	2

Electrical properties

Rated voltage (III/2)	690 V
Rated voltage	690 V AC (III/2) in accordance with IEC 61984
	600 V AC (III/2) In accordance with UL 2238
	500 V DC (III/2) in accordance with IEC 61535, when mounted
Rated surge voltage (III/2)	8 kV

Dimensions

Width	74 mm
Height	37.6 mm
Length	113 mm

External dimensions

Outside diameter	8 mm ... 21 mm

Material specifications

Color (Housing)	black (RAL 9005)
Color of the housing part	black
Material Seal	EPDM (Cable seal)
	EPDM (Housing seal)
Material Housing	PPE
Material Contact carrier	PPE
Material Cable gland	PPE
Material Contact	CuZn (Contact material, Pb < 0.1)
Flammability rating according to UL 94	V0
Insulating material group	I / CTI 600
O-ring material	EPDM

Cable/line

External cable diameter	8 mm ... 21 mm
External cable diameter	8 mm ... 21 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66/IP68 (2 m / 24 h) IP69K
	IP66/IP68 (2 m / 24 h) IP69K
Ambient temperature (operation)	-40 °C ... 105 °C (dependent on the derating curve)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 85 °C

Approvals

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cUL Recognized
Approval ID: E468743-20200116

UL Recognized
Approval ID: E468743-20200116

VDE Zeichengenehmigung
Approval ID: 40054228

VDE Zeichengenehmigung
Approval ID: 40054231

Classifications

ECLASS

ECLASS-13.0	27440605
ECLASS-15.0	27440605

ETIM

ETIM 10.0	EC002560

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	Triphenyl phosphate(CAS: 115-86-6)
SCIP	e75f90f3-e493-4a3d-b0f4-fda6a2e8503c

EF3.1 Climate Change

CO2e kg	1.508 kg CO2e

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