

T distributor - SAC-3P-MINT/2XMIN VP - 1412393


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



T distributor, 3-position, unshielded, Plug straight 7/8"-16UNF, on Socket straight 7/8"-16UNF and Socket straight 7/8"-16UNF, Parallel distributor

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 961479
GTIN	4046356961479
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C (Plug / socket)
	-40 °C ... 80 °C (Plug / socket)
Degree of protection	IP65
	IP67

General

Rated current at 40°C	13 A (at 25 °C)
Rated voltage	600 V
Number of positions	3
Insulation resistance	≥ 100 MΩ

T distributor - SAC-3P-MINT/2XMIN VP - 1412393

Technical data

General

Status display	No
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	≥ 100
Torque	0.8 Nm (7/8" connectors)

Material

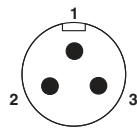
Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	AU
Contact carrier material	TPE-U
Material of grip body	TPU
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	TPU

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

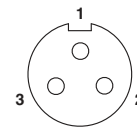
Drawings

Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 3-pos., view of male side

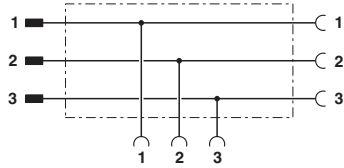
Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 3-pos., view of female side

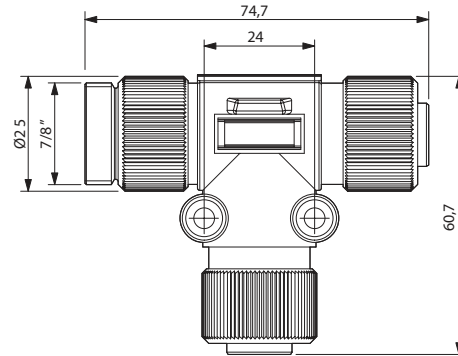
T distributor - SAC-3P-MINT/2XMIN VP - 1412393

Circuit diagram



Contact assignment of the 7/8" T-distributor

Dimensional drawing



T-distributor 7/8", top view

Classifications

eCl@ss

eCl@ss 10.0.1	27440106
eCl@ss 11.0	27440106
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27279218
eCl@ss 9.0	27440106

ETIM

ETIM 4.0	EC001855
ETIM 6.0	EC002925
ETIM 7.0	EC002925

UNSPSC

UNSPSC 13.2	31251501
UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

Approvals

Approvals

T distributor - SAC-3P-MINT/2XMIN VP - 1412393

Approvals

Approvals

UL Listed / cUL Listed / EAC / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal voltage UN		600 V	
Nominal current IN		13 A	

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal voltage UN		600 V	
Nominal current IN		13 A	

EAC		EAC-Zulassung
-----	--	---------------

EAC		RU C- DE.BL08.B.00511
-----	--	--------------------------

cULus Listed	
--------------	--

Accessories

Accessories

Plug for cable screw gland

T distributor - SAC-3P-MINT/2XMIN VP - 1412393

Accessories

Screw plug - PROT-MINMS-PA-CHAIN - 1430925

7/8" sealing cap made of plastic with fixing band, for sensor cables, for 7/8" sockets



Protective cap

Sealing cap - PROT-MINFS-PA-CHAIN - 1430912

7/8" sealing cap made of plastic with fixing band, for sensor cables, for 7/8" connectors



Screwdriver tools

Tool - SAC BIT MIN-D25 - 1212512

Nut for assembling 7/8" connectors with a knurl diameter of 25 mm, with 4 mm hexagonal drive



Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Terminal marking

T distributor - SAC-3P-MINT/2XMIN VP - 1412393

Accessories

Zack Marker strip, flat - ZBF 17:UNBEDRUCKT - 0815020



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 17 mm, lettering field size: 17 x 5.2 mm, Number of individual labels: 5

Torque tool

Torque screwdriver - TSD 08 SAC - 1212597



Torque screw driver with preset torque of 0.8 Nm, with 4 mm hexagon for accommodating SAC bits, two-component handle with non-slip grip

Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm