

INDUSTRIAL COMPONENT DATA

VAL-EV-T2 280/3+1-R 1180145 PHOENIX CONTACT CHARX protect basic, plug-in surge protection device, according ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-EV-T2 280/3+1-R



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-EV-T2 280/3+1-R
Catalog number	1180145
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
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Product Overview

CHARX protect basic, plug-in surge protection device, according to type 2 / class II, for three-phase power supply networks with N and PE separately (5-conductor system: L1, L2, L3, N, PE) with remote indication contact. Particularly suitable for use in electromobility.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > Trabtech (TT)

Additional Product Information

ETIM for 1180145 Earthing, lightning and surge protection (EC000941)

Feature Name

Feature Value

System configuration DC (EF009926)

No

System configuration IT (EF009927)

No

System configuration TN (EF009928)

No

System configuration TN-C (EF009929)

No

System configuration TN-C-S (EF009933)

No

System configuration TN-S (EF009930)

Yes

System configuration TT (EF009931)

No

System configuration other (EF009932)

No

Nominal discharge surge current (8/20) (EF004214)

20 kA

Max. discharge surge current (8/20) (EF012274)

40 kA

Max. continuous voltage AC (EF004198)

280 V

Voltage protection level (EF003525)

1.9 kV

Voltage protection level L-N (EF004236)

1.5 kV

Voltage protection level N-PE (EF008796)

1.5 kV

Max. overcurrent protection device, parallel connection (fuse) (EF015962)

125 A

Max. overcurrent protection device, series connection (fuse) (EF015963)

80 A

Short-circuit breaking capacity (I_{sc}) (EF012627)

25 kA

Integrated backup fuse (EF008797)

Yes

Leakage-current free (EF016002)

No

Mounting method (EF000003)

DIN rail (top hat rail) 35 mm

Construction size (EF002566)

Other

Max. conductor cross section solid (solid, stranded) (EF008827)

1.5 mm²

Max. conductor cross section flexible (fine-strand) (EF008828)

25 mm²

With remote signalling contact (EF000422)

Yes

Signalling at the device (EF004241)

Optic

Category type 2 (EF004230)

Yes

Degree of protection (IP) (EF005474)

IP20

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-EV-T2 280/3+1-R with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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