

Feed-through terminal block - DK-BIC-35 - 2749880

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Feed-through terminal block for VAL and FLT applications

Product Features

- Biconnect feed-through terminal block
- For wiring mixed combinations of lightning and surge arresters
- As a system extension for FLASHTRAB and VALVETRAB applications



Key commercial data

package_quantity	1
GTIN	4017918108212

Technical data

Dimensions

Width	17.7 mm
Height	89.8 mm
Depth	65.5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP20

General

Connection method	Screw connection
Connection type IN	Biconnect screw terminal block
Connection type OUT	Biconnect screw terminal block
Screw thread	M5
Tightening torque, min	4.5 Nm
Stripping length	14.5 mm
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	25 mm ²
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section AWG/kcmil min.	20

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Technical data

General

Conductor cross section AWG/kcmil max	2
Rated voltage	500 V AC/DC
Nominal current I _N	125 A (30 °C)
Impulse discharge current (10/350) μs, charge	50 As
Impulse discharge current (10/350) μs, specific energy	2.50 MJ/Ω
Impulse discharge current (10/350) μs, peak value I _{imp}	100 kA
Maximum continuous voltage UC	500 V AC/DC
Housing material	PA 6.6-FR
Inflammability class according to UL 94	V0
Standards for air and creepage distances	DIN VDE 0110-1
Standards for air and creepage distances	IEC 60664-1
Standards/regulations	IEC 61643-1
Standards/regulations	DIN EN 61643-11
Standards/regulations	IEC 60947-7-1
Mounting type	DIN rail: 35 mm
Design	Rail-mountable module, one-piece
Color	black

classifications

eCl@ss

eCl@ss 4.0	27140299
eCl@ss 4.1	27140299
eCl@ss 5.0	27140202
eCl@ss 5.1	27140202
eCl@ss 6.0	27141140
eCl@ss 7.0	27141140
eCl@ss 8.0	27141140

ETIM

ETIM 2.0	EC000489
ETIM 3.0	EC000489
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC


UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620


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approvals

UL Recognized / KEMA-KEUR / GOST /

Approval details

UL Recognized 	
Nominal voltage UN	600 V
Nominal current IN	100 A
mm ² /AWG/kcmil	20-2

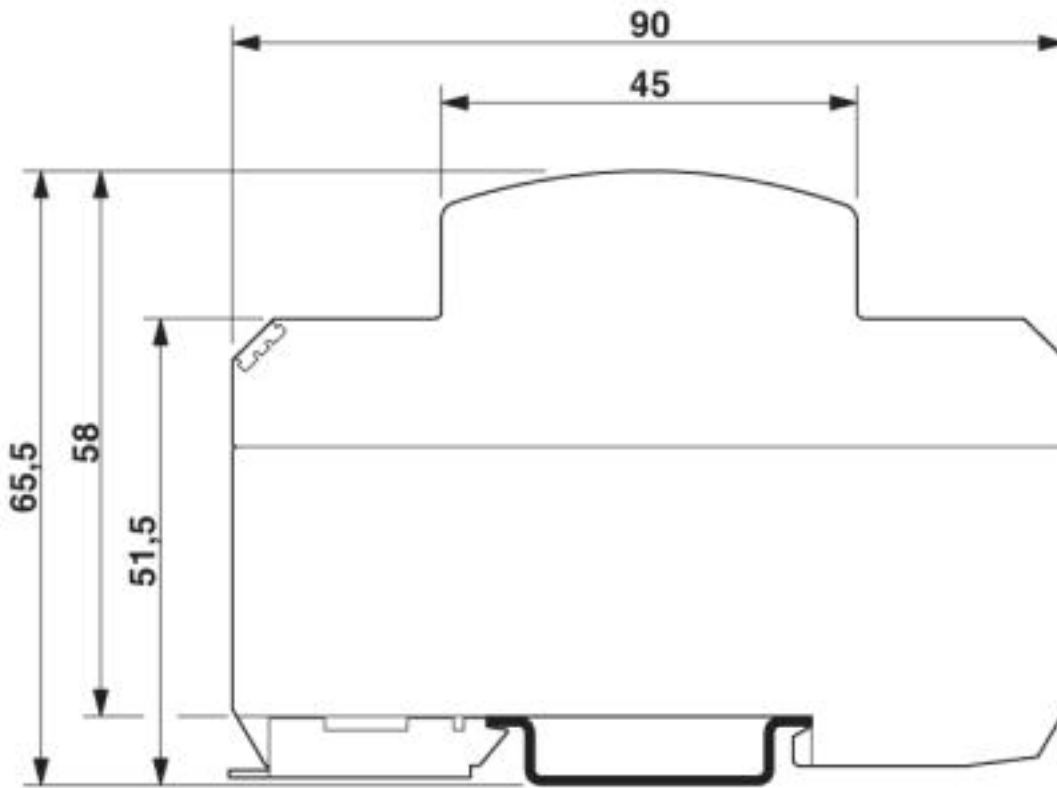
KEMA-KEUR 
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GOST 

Drawings

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Dimensioned drawing



Circuit diagram

