



DILOS 1 125-4 LASTBRYTER 125A-

Varenummer: 1431053

FDV/Produktblad

Beskrivelse

Dilos 1 - 40A up to 125A

Performance

DIN-rail type and wall mounting type

Safety-switch-disconnector (main disconnector)

Disconnect function

Visible contact indication - transparent contact cover

Quick make and quick break mechanism

Independent opening and closing

Positive contact indication (PCI)

Double knife contacts - high short-circuit resistance

Number of poles 2P - 3P - 4P

Box terminals with inbus screws

Padlockable

Standards

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107, BS EN 60947-3, CEI 17-11 (Fasc. 1039), EN 60947-3, NBN EN 60947-3, NF C 63-130, UL 508 Safety-switch-disconnector (red/yellow) according to DIN VDE 0113 Teil 1 SPECIFICATIONS

Series Switch-disconnectors - DILOS

Conventional enclosed thermal current $I_{the} = I_{th}$ 125 A

Number of poles 3P

Type of disconnector Switch-disconnector

Contact position indication Visible contact position indication

Mounting DIN-rail

Type of Dilos/Fulos DILOS 1

400/415V (AC23A/AC23B) 80 A

500V (AC23A/AC23B) 50 A

690V (AC23A/AC23B) 40 A

400/415V (AC22A/AC22B) 125 A

500V (AC22A/AC22B) 100 A

690V (AC22A/AC22B) 63 A

400/415V (AC21A/AC21B) 125 A

500V (AC21A/AC21B) 125 A

690V (AC21A/AC21B) 125 A

110V (DC23A 2P) 100 A

250V (DC23A 4P) 100 A

Rated operational voltage U_e (V) 690 V

Rated impulse withstand voltage (2000 m) U_{imp} 8 kV

Standards BSNBEN60947-3

CEI17-11(Fasc.1039)

DINVDE0660Teil1





DILOS 1 125-4 LASTBRYTER 125A-

Varenummer: 1431053

IEC60947-1

IEC60947-3

K63B

NBNEN60947-3

NFC63130

Approvals KEMA

Conventional enclosed thermal current I_{the} 125 A

Maximum torque on terminals (Nm) 12 Nm

Rated insulation voltage U_i (V) 690 V

Durability (number of operational cycles) electrical 1500

Max Rated Operational Power 400/415V (AC23 (kW)) 44 kW/46 kW

Max Rated Operational Power 500V (AC23 (kW)) 35 kW

Max Rated Operational Power 690V (AC23 (kW)) 36 kW

Rated capacity power at 400V (kVAR) 60 kVAR

Rated short circuit making cap I_{cm} (kA peak) $U_e = 400V$ 10 kA

Rated short circuit making cap I_{cm} (kA peak) $U_e = 415V$ 10 kA

Rated short circuit making cap I_{cm} (kA peak) $U_e = 500V$ 6.7 kA

Rated short circuit making cap I_{cm} (kA peak) $U_e = 690V$ 6.7 kA

Rated short time withstand current I_{cw} (kA rms) 1 s 3 kA

Rated short time withstand current I_{cw} (kA rms) 0.25 s 6 kA

Durability (number of operational cycles) mech. (min.) 20000

Terminal capacity (C_u) min/max (mm^2) 6 mm^2 /50 mm^2

Rated Cond S/C current Backup protection kA rms @ 400V 50 kA

Rated Cond S/C current Backup protection kA rms @ 415V 50 kA

Rated Cond S/C current Backup protection kA rms @ 500V 50 kA

Rated Cond S/C current Backup protection kA rms @ 690V 33 kA

EAN13 3390207300735

DIMENSIONS

Weight 0.54 kg

[Link til vedlegg i dokumentarkiv](#)