



Omschrijving Rotary switch disconnector

Code MSS 125

Aantal

polen 4P

Nominale

stroom 125 A

#### ELECTRICAL CHARACTERISTICS

Standaard	EN 60947-3
AC Rated operational voltage (Ue)	400 V
DC Rated operational voltage (Ue)	220 V
AC Maximum operational voltage (Ue max)	690 V
DC Maximum operational voltage (Ue max)	440 V
Nominale isolatie-spanning (Ui)	800 V
Nominale stoot-houdspanning (Uimp)	8 kV
Rated short-time withstand current for 1s (Icw)	2,5 kA
Rated short-circuit current making capacity (Icm)	12 kA
Conditional short-circuit current with fuse (Icc)	50 kA (gG 125A)
Power dissipation per pole	5,7 W

#### MECHANICAL CHARACTERISTICS

Mechanical life	20.000 cycles
Maximum number of auxiliary contacts that can be installed	2
Minimum cable size	4 mm <sup>2</sup>
Maximum cable size (rigid/flexible)	50 / 35 mm <sup>2</sup>
Maximum busbar width	-
Nominaal aandraaimoment	6 Nm
Pre-arrangement for lock in OFF position	Yes (ø6 mm max)
Hoogte	94 mm
Breedte (mm)	108
Diepte	50 mm
Gewicht (kg)	0.68

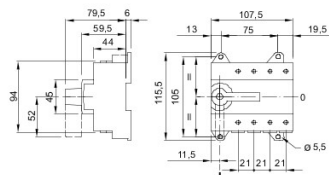
#### AC RATED OPERATIONAL CURRENT (Ie)

AC-20A / AC-20B (690V AC)	125 A / 125 A
AC-21A / AC-21B (400V AC)	125 A / 125 A
AC-21A / AC-21B (500V AC)	125 A / 125 A
AC-21A / AC-21B (690V AC)	80 A / 80 A
AC-22A / AC-22B (400V AC)	125 A / 125 A
AC-22A / AC-22B (500V AC)	100 A / 100 A
AC-22A / AC-22B (690V AC)	40 A / 40 A
AC-23A / AC-23B (400V AC)	63 A / 63 A
AC-23A / AC-23B (500V AC)	50 A / 50 A
AC-23A / AC-23B (690V AC)	25 A / 25 A

#### DC RATED OPERATIONAL CURRENT (Ie)

DC-20A / DC-20B (220V DC)	125 A / 125 A
DC-20A / DC-20B (400V DC)	-
DC-20A / DC-20B (440V DC)	125 A / 125 A (2 poles in series for each polarity)
DC-20A / DC-20B (500V DC)	-
DC-21A / DC-21B (220V DC)	125 A / 125 A (2 poles in series for each polarity)
DC-21A / DC-21B (400V DC)	-
DC-21A / DC-21B (440V DC)	40 A / 40 A (2 poles in series for each polarity)
DC-21A / DC-21B (500V DC)	-
DC-22A / DC-22B (220V DC)	100 A / 100 A (2 poles in series for each polarity)
DC-22A / DC-22B (400V DC)	-
DC-22A / DC-22B (440V DC)	32 A / 32 A (2 poles in series for each polarity)
DC-22A / DC-22B (500V DC)	-
DC-23A / DC-23B (220V DC)	63 A / 63 A (2 poles in series for each polarity)
DC-23A / DC-23B (400V DC)	-
DC-23A / DC-23B (440V DC)	32 A / 32 A (2 poles in series for each polarity)
DC-23A / DC-23B (500V DC)	-

## DIMENSIONAL



## STANDARDS/APPROVALS



GEWISS S.p.A. Via A. Volta, 1  
24069 Cenate Sotto - Bergamo - Italy  
tel. +39 035 94 61 11 fax +39 035 94 69 09

[www.gewiss.com](http://www.gewiss.com)  
[sat@gewiss.com](mailto:sat@gewiss.com)  
Last update 18/07/2024

Data, measures, designs and pictures are shown  
only as informative purposes,  
and could be changed without previous notice