



Omschrijving Manual transfer switch disconnecter with three positions
 Code MSS 125
 Aantal polen 4P
 Nominale stroom 100 A

ELECTRICAL CHARACTERISTICS

Standaard	EN 60947-3
AC Rated operational voltage (Ue)	400 V
DC Rated operational voltage (Ue)	-
AC Maximum operational voltage (Ue max)	690 V
DC Maximum operational voltage (Ue max)	220 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)	100 kA (gG 100A)
Power dissipation per pole	3,1 W

MECHANICAL CHARACTERISTICS

Mechanical life	10.000 cycles
Maximum number of auxiliary contacts that can be installed	1
Minimum cable size	4 mm ²
Maximum cable size (rigid/flexible)	50 / 35 mm ²
Maximum busbar width	-
Nominaal aandraaimoment	6 Nm
Pre-arrangement for lock in OFF position	Yes (ø6 mm max)
Hoogte	94 mm
Breedte (mm)	215
Diepte	50 mm
Gewicht (kg)	1.2

AC RATED OPERATIONAL CURRENT (Ie)

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

DC RATED OPERATIONAL CURRENT (Ie)

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

DIMENSIONAL

STANDARDS/APPROVALS



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