

ENSTO

Load break switch rotary

KS31.20

Code	KS31.20
GTIN	6418677171291
Name	Load break switch rotary Ensto Compact 3 x 20 A, without handle
Description	Ensto Compact is a complete range of rotary switches from 16 A to 125 A.
Vendor	Ensto Building Systems Finland Oy



Technical specification

Certificates

Standards: EN 60947-3

Dimensions

Size:	40 x 85 x 79
Length:	80 mm
Volume :	26.86 cm ³
Conductor cross-section:	Cu 1.5-16
Width:	36 mm
Height:	70 mm
Net Weight:	0.1288 kg

Electrical values

Breaking capacity 415 V, AC 23 A:	160 A
Making capacity 415 V, AC 23 A:	200 A
Rated insulation voltage:	800 V
Rated operational current:	AC 22 A: 415V / 20A, 500V / 20A, 690V / 20A, AC 23 A: 415V / 20A, 500V / 20A, 690V / 20A

Mechanical

Tightening torque: 2 Nm

Short-circuit characteristics

Max. cut-off current:	6 kA
Max. fuse:	20 A

Max. Joule integral:	6.8 kA ² s
Rated conditional short-circuit current:	50 kA
Rated short time withstand current:	1260 A (1 s)
:	EC000216

ETIM

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Version as main switch:	Yes
Version as maintenance-/service switch:	Yes
Version as safety switch:	No
Version as emergency stop installation:	No
Version as reversing switch:	No
Max. rated operation voltage U _e AC:	690 V
Rated operating voltage:	400 ... 690 V
Rated permanent current at AC-21 400 V:	20 A
Rated operation power at AC-3 400 V:	10 kW
Rated short-time withstand current I _{cw} :	1.26 kA
Rated operation power at AC-23 400 V:	7.5 kW
Conditioned rated short-circuit current I _q :	50 kA
Number of poles:	3
Motor drive optional:	No
Motor drive integrated:	No
Voltage release optional:	No
Device construction:	Complete device in housing
Suitable for distribution board installation:	Yes
Type of control element:	Door coupling rotary drive
Interlockable:	Yes
Type of electrical connection of main circuit:	Screw connection

Packaging

Pallet package

Unit:	pcs
Package size:	2250
Depth:	1200 mm
Width:	800 mm
Height:	1015 mm

Default package

Unit:	pcs
Package size:	50
Depth:	383 mm
Width:	258 mm
Height:	173 mm

Weight:	7.457 kg
Volume:	17.094822 l