HCE800H

Switch h1000 3P 800A

Technische Merkmale

Architecture

Type of order	Toggle
Type of case	Fixed built-in
Neutral position	without neutral
Number of poles	3 P
Type of pole	3 P

Functions

Reversing switch	no
Trip Unit	SWITCH

Controls and indicators

Motor drive integrated	no

Main electrical features

Frequency	50/60 Hz
Rated operational voltage Ue	220/690 V

Voltage

Rated insulation voltage	800 V
Rated impulse withstand voltage	8000 V

Electric current

Rated operational current in AC21	800 A
Rated short-circuit making capacity Icm under 240V AC according IEC 60947-3	20 kA
Rated short-circuit making capacity Icm under 415V AC according IEC 60947-3	20 kA
Rated short-circuit making capacity Icm under 690V AC according IEC 60947-3	20 kA
Rated short-time withstand current Icw	10 kA
Rated short-time withstand current 0.3S	10 kA

Current correction factors

Correction factor of rating current for 2 devices placed side-by-side	1
Correction factor of rating current for 3 devices placed side-by-side	1
Correction factor of rating current for 4 and 5 devices placed side-by-side	1
Correction factor of rating current for 6 devices placed side-by-side	1

Power

Contact rating with 400 V in AC1	526 kW
Power loss per pole at In	49,6 W
Total power loss under IN	148,8 W

Tripping

Time of response when opening	10 ms

Endurance

Electric endurance in number of cycles	4500
Number of mechanical operations	15000

Cover, door

Interlockable	yes

Materials

Toggle colour	Black

Installation, mounting

Tightening torque	65Nm

Connection

Connection cross-sect. rigid cable	2x240mm²
Connection cross-sect. flexible conductor	2x240mm²
Connection	Front connection
Type of connection	Terminal

Equipment

Motor drive optional	yes

Use cases

Category of use	A

Standards

Standard text	IEC 60947-3
European directive WEEE	concerned

Safety

Protection index IP	IP4X

Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	3
Altitude	2000 m
Storage temperature	-35 to 70 °C
Air humidity protection	85% / 50°C