



Product data sheet

HDG33100

Characteristics

Switch disconnecter HDG3 - 3P - 100 A



Main

Range of product	HDG3
Product or component type	Switch disconnecter
Suitability for isolation	Yes
Device application	Isolation

Complementary

Poles description	3P
[In] rated current	100 A
[Ue] rated operational voltage	400 V
Network type	AC
Network frequency	50...60 Hz
Electrical durability	1500.0 cycles
Mechanical durability	8500.0 cycles
[Icw] rated short-time withstand current	2 kA
[Uimp] rated impulse withstand voltage	6.0 kV
Utilisation category	AC-22A
[Ui] rated insulation voltage	500 V
Provision for padlocking	Handle padlockable in on and off position
Mounting support	DIN rail
Connections - terminals	Tunnel type terminals
Clamping connection capacity	25...50 mm²
Tightening torque	3.5 N.m
Standards	IEC 60947-3
Product certifications	CE
Height	80 mm
Width	53.1 mm
Depth	75.4 mm

Environment

Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C

Environmental characteristic	Continuous exposure to damp heat
Pollution degree	2
Relative humidity	95 %
Offer Sustainability	
Sustainable packaging	No



Product data sheet

HDG3132

Characteristics

Switch disconnecter HDG3 - 1P - 32 A



Main

Range of product	HDG3
Product or component type	Switch disconnecter
Suitability for isolation	Yes
Device application	Isolation

Complementary

Poles description	1P
[In] rated current	32 A
[Ue] rated operational voltage	230 V
Network type	AC
Network frequency	50...60 Hz
Electrical durability	1500.0 cycles
Mechanical durability	8500.0 cycles
[Icw] rated short-time withstand current	0.64 kA
[Uimp] rated impulse withstand voltage	6.0 kV
Utilisation category	AC-22A
[Ui] rated insulation voltage	500 V
Provision for padlocking	Handle padlockable in on and off position
Mounting support	DIN rail
Connections - terminals	Tunnel type terminals
Clamping connection capacity	= 16 mm ²
Tightening torque	2 N.m
Standards	IEC 60947-3
Product certifications	CE
Height	80 mm
Width	17.7 mm
Depth	75.4 mm

Environment

Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C

Environmental characteristic	Continuous exposure to damp heat
Pollution degree	2
Relative humidity	95 %
Offer Sustainability	
Sustainable packaging	No



Product data sheet

HDG3363

Characteristics

Switch disconnecter HDG3 - 3P - 63 A



Main

Range of product	HDG3
Product or component type	Switch disconnecter
Suitability for isolation	Yes
Device application	Isolation

Complementary

Poles description	3P
[In] rated current	63 A
[Ue] rated operational voltage	400 V
Network type	AC
Network frequency	50...60 Hz
Electrical durability	1500.0 cycles
Mechanical durability	8500.0 cycles
[Icw] rated short-time withstand current	1.26 kA
[Uimp] rated impulse withstand voltage	6.0 kV
Utilisation category	AC-22A
[Ui] rated insulation voltage	500 V
Provision for padlocking	Handle padlockable in on and off position
Mounting support	DIN rail
Connections - terminals	Tunnel type terminals
Clamping connection capacity	= 16 mm ²
Tightening torque	2 N.m
Standards	IEC 60947-3
Product certifications	CE
Height	80 mm
Width	53.1 mm
Depth	75.4 mm

Environment

Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C

Environmental characteristic	Continuous exposure to damp heat
Pollution degree	2
Relative humidity	95 %
Offer Sustainability	
Sustainable packaging	No



Product data sheet

HDG3332

Characteristics

Switch disconnecter HDG3 - 3P - 32 A



Main

Range of product	HDG3
Product or component type	Switch disconnecter
Suitability for isolation	Yes
Device application	Isolation

Complementary

Poles description	3P
[In] rated current	32 A
[Ue] rated operational voltage	400 V
Network type	AC
Network frequency	50...60 Hz
Electrical durability	1500.0 cycles
Mechanical durability	8500.0 cycles
[Icw] rated short-time withstand current	0.64 kA
[Uimp] rated impulse withstand voltage	6.0 kV
Utilisation category	AC-22A
[Ui] rated insulation voltage	500 V
Provision for padlocking	Handle padlockable in on and off position
Mounting support	DIN rail
Connections - terminals	Tunnel type terminals
Clamping connection capacity	= 16 mm²
Tightening torque	2 N.m
Standards	IEC 60947-3
Product certifications	CE
Height	80 mm
Width	53.1 mm
Depth	75.4 mm

Environment

Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C

Environmental characteristic	Continuous exposure to damp heat
Pollution degree	2
Relative humidity	95 %
Offer Sustainability	
Sustainable packaging	No



Product data sheet

HDG3320

Characteristics

Switch disconnecter HDG3 - 3P - 20 A



Main

Range of product	HDG3
Product or component type	Switch disconnecter
Suitability for isolation	Yes
Device application	Isolation

Complementary

Poles description	3P
[In] rated current	20 A
[Ue] rated operational voltage	400 V
Network type	AC
Network frequency	50...60 Hz
Electrical durability	1500.0 cycles
Mechanical durability	8500.0 cycles
[Icw] rated short-time withstand current	0.4 kA
[Uimp] rated impulse withstand voltage	6.0 kV
Utilisation category	AC-22A
[Ui] rated insulation voltage	500 V
Provision for padlocking	Handle padlockable in on and off position
Mounting support	DIN rail
Connections - terminals	Tunnel type terminals
Clamping connection capacity	= 16 mm ²
Tightening torque	2 N.m
Standards	IEC 60947-3
Product certifications	CE
Height	80 mm
Width	53.1 mm
Depth	75.4 mm

Environment

Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C

Environmental characteristic	Continuous exposure to damp heat
Pollution degree	2
Relative humidity	95 %
Offer Sustainability	
Sustainable packaging	No



Product data sheet

HDG3120

Characteristics

Switch disconnecter HDG3 - 1P - 20 A



Main

Range of product	HDG3
Product or component type	Switch disconnecter
Suitability for isolation	Yes
Device application	Isolation

Complementary

Poles description	1P
[In] rated current	20 A
[Ue] rated operational voltage	230 V
Network type	AC
Network frequency	50...60 Hz
Electrical durability	1500.0 cycles
Mechanical durability	8500.0 cycles
[Icw] rated short-time withstand current	0.4 kA
[Uimp] rated impulse withstand voltage	6.0 kV
Utilisation category	AC-22A
[Ui] rated insulation voltage	500 V
Provision for padlocking	Handle padlockable in on and off position
Mounting support	DIN rail
Connections - terminals	Tunnel type terminals
Clamping connection capacity	= 16 mm ²
Tightening torque	2 N.m
Standards	IEC 60947-3
Product certifications	CE
Height	80 mm
Width	17.7 mm
Depth	75.4 mm

Environment

Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C

Environmental characteristic	Continuous exposure to damp heat
Pollution degree	2
Relative humidity	95 %
Offer Sustainability	
Sustainable packaging	No