Specification sheet

Plastic enclosed switch-disconnector OTDCP16S11M

OTDCP16S11M



Front operated DC-switch-disconnector

Up to 660 VDC, plastic enclosed, IP65, black handle

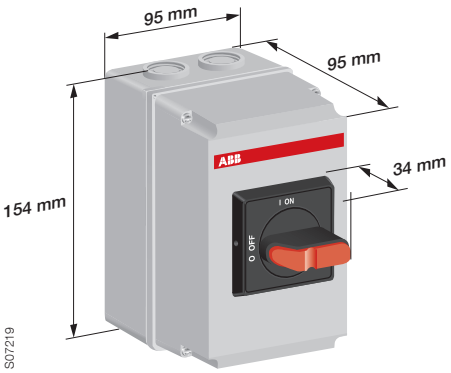
M20 threaded knock-outs, compression glands have to be ordered separately.

Number of poles	Rated operat. current [A] DC 21B / 660 V	Type	Order number	Weight/ unit [kg]
Includes selector type black handle (I-0 and ON-OFF indication)				
2	16	OTDCP16S11M	1SCA125129R1001	0.55

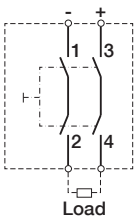
Technical data according to IEC 60947

Enclosed switch-disconnector	Type/size		OTDCP 16_
Rated insulation voltage	Pollution degree 2	V	1250
	Pollution degree 3	V	1000
Dielectric strength	50 Hz 1 min	kV	6
Rated impulse withstand voltage		kV	8
Rated thermal current I_{th}, DC-20 / AC-20	In enclosure 40 °C	A	16
	In enclosure 60 °C	A	16
Rated operational current / poles in series	500 V	A	16/2
DC-21B	660 V	A	16/2
	1000 V	A	10/2
Rated short time withstand current 1000 V, 1 s	r.m.s. value	kA	0.4
Power loss	At rated current	W	0.3
Mechanical endurance		oper.	4000
Cu-conductor suitable for terminal clamps		mm^2	2.5...16
Terminal tightening torque		Nm	1.4

Dimension drawing



Circuit diagram



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Specification sheet

Plastic enclosed switch-disconnector OTDCP16S12M

OTDCP16S12M



Front operated DC-switch-disconnector

Up to 1000 VDC, plastic enclosed, IP65, black handle

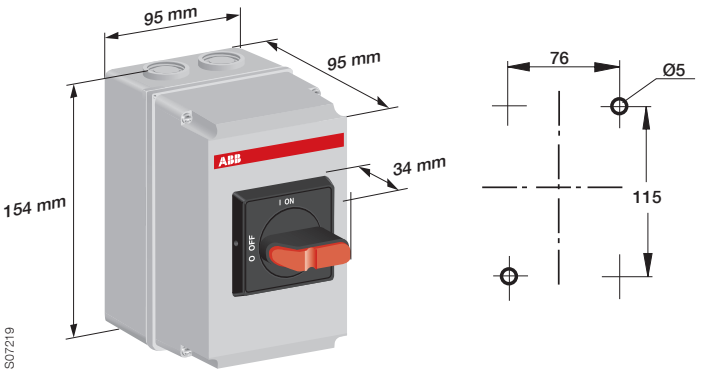
M20 threaded knock-outs, compression glands have to be ordered separately.

Number of poles	Rated operat. current [A] DC 21B / 1000 V	Type	Order number	Weight/ unit [kg]
Includes selector type black handle (I-0 and ON-OFF indication)				
3	16	OTDCP16S12M	1SCA125153R1001	0.59

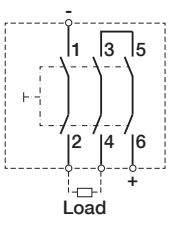
Technical data according to IEC 60947

Enclosed switch-disconnector	Type/size		OTDCP 16_
Rated insulation voltage	Pollution degree 2	V	1250
	Pollution degree 3	V	1000
Dielectric strength	50 Hz 1 min	kV	6
Rated impulse withstand voltage		kV	8
Rated thermal current I_{th}, DC-20 / AC-20	In enclosure 40 °C	A	16
	In enclosure 60 °C	A	16
Rated operational current / poles in series	800 V	A	16/3
DC-21B	1000 V	A	16/3
Rated short time withstand current 1000 V, 1 s	r.m.s. value	kA	0.4
Power loss / three poles	At rated current	W	0.45
Mechanical endurance		oper.	4000
Cu-conductor suitable for terminal clamps		mm^2	2.5…16
Terminal tightening torque		Nm	1.4

Dimension drawing



Circuit diagram



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Specification sheet

Plastic enclosed switch-disconnector OTDCP25S11M

OTDCP25S11M



Front operated DC-switch-disconnector

Up to 660 VDC, plastic enclosed, IP65, black handle

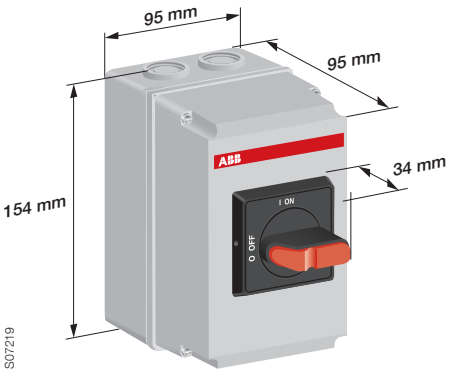
M20 threaded knock-outs, compression glands have to be ordered separately.

Number of poles	Rated operat. current [A] DC 21B / 660 V	Type	Order number	Weight/ unit [kg]
Includes selector type black handle (I-0 and ON-OFF indication)				
2	25	OTDCP25S11M	1SCA125130R1001	0.55

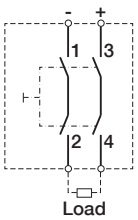
Technical data according to IEC 60947

Enclosed switch-disconnector	Type/size		OTDCP 25_
Rated insulation voltage	Pollution degree 2	V	1250
	Pollution degree 3	V	1000
Dielectric strength	50 Hz 1 min	kV	6
Rated impulse withstand voltage		kV	8
Rated thermal current I_{th}, DC-20 / AC-20	In enclosure 40 °C	A	25
	In enclosure 60 °C	A	25
Rated operational current / poles in series	500 V	A	25/2
DC-21B	660 V	A	25/2
	1000 V	A	16/2
Rated short time withstand current 1000 V, 1 s	r.m.s. value	kA	0.6
Power loss / two poles	At rated current	W	0.6
Mechanical endurance		oper.	4000
Cu-conductor suitable for terminal clamps		mm^2	2.5...16
Terminal tightening torque		Nm	1.4

Dimension drawing



Circuit diagram



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Specification sheet

Plastic enclosed switch-disconnector OTDCP25S12M

OTDCP25S12M



Front operated DC-switch-disconnector

Up to 1000 VDC, plastic enclosed, IP65, black handle

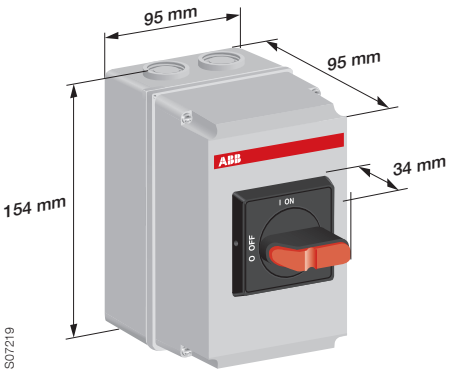
M20 threaded knock-outs, compression glands have to be ordered separately.

Number of poles	Rated operat. current [A] DC 21B / 1000 V	Type	Order number	Weight/ unit [kg]
Includes selector type black handle (I-0 and ON-OFF indication)				
3	25	OTDCP25S12M	1SCA125154R1001	0.59

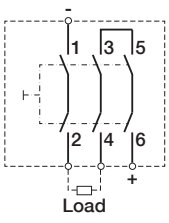
Technical data according to IEC 60947

Enclosed switch-disconnector	Type/size		OTDCP 25_
Rated insulation voltage	Pollution degree 2	V	1250
	Pollution degree 3	V	1000
Dielectric strength	50 Hz 1 min	kV	6
Rated impulse withstand voltage		kV	8
Rated thermal current I_{th}, DC-20 / AC-20	In enclosure 40 °C	A	25
	In enclosure 60 °C	A	25
Rated operational current / poles in series	800 V	A	25/3
DC-21B	1000 V	A	25/3
Rated short time withstand current 1000 V, 1 s	r.m.s. value	kA	0.6
Power loss / three poles	At rated current	W	0.9
Mechanical endurance		oper.	4000
Cu-conductor suitable for terminal clamps		mm^2	2.5…16
Terminal tightening torque		Nm	1.4

Dimension drawing



Circuit diagram



Specification sheet

Plastic enclosed switch-disconnector BW 225 DP

BW 225 DP



Side operated switch-disconnectors

Plastic enclosed, IP65, black handle

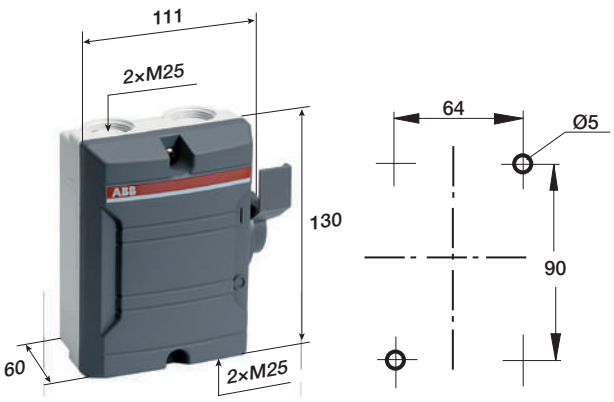
Enclosure in robust PBT plastic with metric threaded cable entries. Light grey box with dark grey cover and operating handle. Delivery includes PE terminal and membrane glands (IP54) / sealing plugs. For IP65 degree of protection compression glands must be used.

Number of poles	Rated operat. current [A] AC22A 230V	AC22A 400V	AC23A 400V	Type	Order number	Weight/ unit [kg]
Includes selector type black handle (I-0 and ON-OFF indication)						
2	25	25	16	BW225 DP	2CMA142400R1000	0.29

Technical data according to IEC60529 and IEC 60947-3

Enclosed switch-disconnector	Type/size		BW225DP
Rated insulation voltage		V	690
Rated thermal current and rated operational current AC20/DC20	40°C	A	25
Rated operational current, AC-21A and AC-22A	400V	A	25
	500V	A	25
	690V	A	16
Rated operational current, AC-23A	400V	A	16
	440V	A	16
	500V	A	16
	690V	A	10
Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269	25kA, 500V Fuse size: gG/aM	kA A	4.8 50/50
Cu-wire size suitable for terminal		mm^2	1.5...4

Dimension drawing



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Specification sheet

Plastic enclosed switch-disconnector BW 425 TPSN

BW 425 TPSN



Side operated switch-disconnectors

Plastic enclosed, IP65, black handle

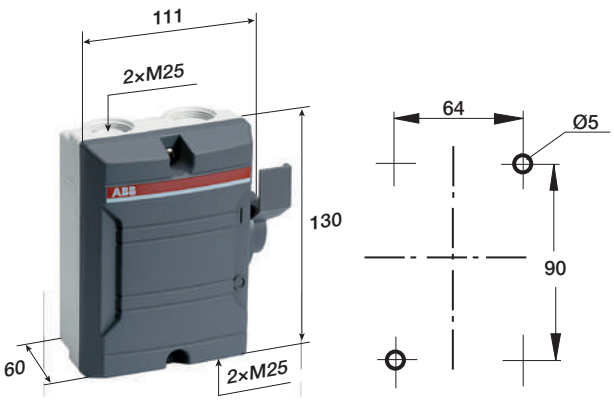
Enclosure in robust PBT plastic with metric threaded cable entries. Light grey box with dark grey cover and operating handle. Delivery includes PE terminal and membrane glands (IP54) / sealing plugs. For IP65 degree of protection compression glands must be used.

Number of poles	Rated operat. current [A] AC22A 400V	AC22A 500V	AC22A 690V	AC23A 500V	Type	Order number	Weight/ unit [kg]
Includes selector type black handle (I-0 and ON-OFF indication)							
4	25	25	16	16	BW425 TPSN	2CMA142405R1000	0.31

Technical data according to IEC60529 and IEC 60947-3

Enclosed switch-disconnector	Type/size		BW425TPSN
Rated insulation voltage		V	690
Rated thermal current and rated operational current AC20/DC20	40°C	A	25
Rated operational current, AC-21A and AC-22A	400V	A	25
	500V	A	25
	690V	A	16
Rated operational current, AC-23A	400V	A	16
	440V	A	16
	500V	A	16
	690V	A	10
Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269	25kA, 500V Fuse size: gG/aM	kA A	4.8 50/50
Cu-wire size suitable for terminal		mm^2	1.5...4

Dimension drawing



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