

# Product information

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## New LVS WS-V Series (Molded Case Circuit Breaker)

Herewith we would like to inform you about the availability of our new WS-V Series of molded case circuit breakers.

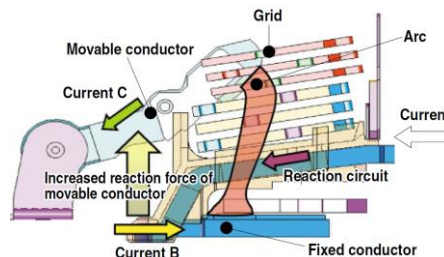
### Enhancements

- Higher performance
- Visualization of various measured data by a display
- More compact
- Standard accessories for all types
- Eco friendly design (no hazardous substances, use of recyclable materials)

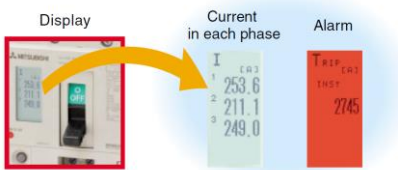


### ■ Higher performance

With higher breaking capacity, lower class models can be used, thus leading to cost reduction



Extending the conductor (reaction circuit for movable conductor) beneath the fixed conductor makes the movable conductor open faster than the conventional ISTAC mechanism. Significantly improves the current limiting performance. (Reduces the maximum peak current by 10%.)



### ■ Visualization

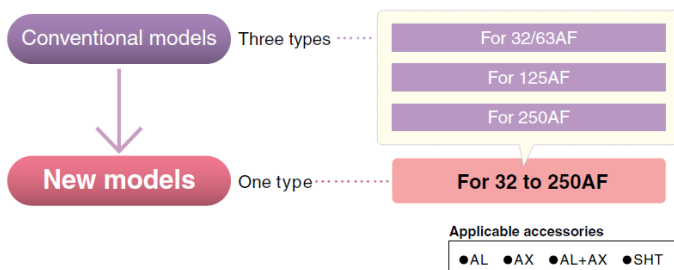
With the new electronic circuit breakers (with display) and MDU breakers you can display various measured live data. The display indicates an Alarm by turning red.

### ■ Compact

The thermal adjustable circuit breakers and electronic circuit breakers are smaller and contribute to the reduction of the panel size.

Volume ratio **74%**  
(Compared with our conventional models)

### ■ Standardization



Types of internal accessories are reduced from 3 types to 1 type. Caused by this stock and delivery time can be minimalized.



Comparison list for replacing WS-W Series by WS-V Series

Old WS-W Series		New WS-V Series		Old WS-W Series		New WS-V Series		
Product	Art No	Art No	Product	Product	Art No	Art No	Product	
Body 32AF	DSN32-SW 3P 32A W	204473	254669	DSN32-SV 3P	204538	254897	DSN125-SGV 3P	
	NF32-SW 3P 3A W	204474	254680	NF32-SV 3P 3A	204539	254898	DSN125-SGV 4P	
	NF32-SW 3P 4A W	204475	254681	NF32-SV 3P 4A	NF125-SGW 3P RT 16-25A W	204540	254908	NF125-SGV 3P 16-20A
	NF32-SW 3P 5A W	204476	254682	NF32-SV 3P 5A	NF125-SGW 3P RT 16-25A W	204540	254909	NF125-SGV 3P 20-25A
	NF32-SW 3P 6A W	204477	254683	NF32-SV 3P 6A	NF125-SGW 3P RT 25-40A W	204541	254910	NF125-SGV 3P 25-32A
	NF32-SW 3P 10A W	204478	254684	NF32-SV 3P 10A	NF125-SGW 3P RT 25-40A W	204541	254911	NF125-SGV 3P 32-40A
	NF32-SW 3P 15A W	204479	254685	NF32-SV 3P 15A	NF125-SGW 3P RT 40-63A W	204542	254912	NF125-SGV 3P 35-50A
	NF32-SW 3P 16A W	204480	254686	NF32-SV 3P 16A	NF125-SGW 3P RT 40-63A W	204542	254913	NF125-SGV 3P 45-63A
	NF32-SW 3P 20A W	204481	254687	NF32-SV 3P 20A	NF125-SGW 3P RT 63-100A W	204543	254914	NF125-SGV 3P 56-80A
	NF32-SW 3P 25A W	204482	254688	NF32-SV 3P 25A	NF125-SGW 3P RT 63-100A W	204543	254915	NF125-SGV 3P 70-100A
	NF32-SW 3P 30A W	204483	254689	NF32-SV 3P 30A	NF125-SGW 3P RT 80-125A W	204544	254916	NF125-SGV 3P 90-125A
	NF32-SW 3P 32A W	204484	254690	NF32-SV 3P 32A	NF125-SGW 4P RT 16-25A W	204545	254917	NF125-SGV 4P 16-20A
	DSN63-SW 3P 63A W	204485	254722	DSN63-SV 3P	NF125-SGW 4P RT 16-25A W	204545	254918	NF125-SGV 4P 20-25A
	DSN63-SW 4P 63A W	204817	254723	DSN63-SV 4P	NF125-SGW 4P RT 25-40A W	204546	254919	NF125-SGV 4P 25-32A
	NF63-SW 3P 3A W	204486	254739	NF63-SV 3P 3A	NF125-SGW 4P RT 25-40A W	204546	254920	NF125-SGV 4P 32-40A
	NF63-SW 3P 4A W	204487	254740	NF63-SV 3P 4A	NF125-SGW 4P RT 40-63A W	204547	254921	NF125-SGV 4P 35-50A
	NF63-SW 3P 5A W	204488	254741	NF63-SV 3P 5A	NF125-SGW 4P RT 40-63A W	204547	254922	NF125-SGV 4P 45-63A
	NF63-SW 3P 6A W	204489	254742	NF63-SV 3P 6A	NF125-SGW 4P RT 63-100A W	204548	254923	NF125-SGV 4P 56-80A
	NF63-SW 3P 10A W	204490	254743	NF63-SV 3P 10A	NF125-SGW 4P RT 63-100A W	204548	254924	NF125-SGV 4P 70-100A
	NF63-SW 3P 15A W	204491	254744	NF63-SV 3P 15A	NF125-SGW 4P RT 80-125A W	204549	254925	NF125-SGV 4P 90-125A
	NF63-SW 3P 16A W	204492	254745	NF63-SV 3P 16A	NF125-SGW 3P RT 16-25A W	204540	254935	NF125-LGV 3P 16-20A
	NF63-SW 3P 20A W	204493	254746	NF63-SV 3P 20A	NF125-SGW 3P RT 16-25A W	204540	254936	NF125-LGV 3P 20-25A
	NF63-SW 3P 25A W	204494	254747	NF63-SV 3P 25A	NF125-SGW 3P RT 25-40A W	204541	254937	NF125-LGV 3P 25-32A
	NF63-SW 3P 30A W	204495	253075	NF63-SV 3P 30A	NF125-SGW 3P RT 25-40A W	204541	254938	NF125-LGV 3P 32-40A
NF63-SW 3P 32A W	204496	254748	NF63-SV 3P 32A	NF125-SGW 3P RT 40-63A W	204542	254939	NF125-LGV 3P 35-50A	
NF63-SW 3P 40A W	204497	254749	NF63-SV 3P 40A	NF125-SGW 3P RT 40-63A W	204542	254940	NF125-LGV 3P 45-63A	
NF63-SW 3P 50A W	204498	253073	NF63-SV 3P 50A	NF125-SGW 3P RT 63-100A W	204543	254941	NF125-LGV 3P 56-80A	
NF63-SW 3P 60A W	204499	254750	NF63-SV 3P 60A	NF125-SGW 3P RT 63-100A W	204543	254942	NF125-LGV 3P 70-100A	
NF63-SW 3P 63A W	204500	254751	NF63-SV 3P 63A	NF125-SGW 3P RT 80-125A W	204544	255195	NF125-LGV 3P 90-125A	
NF63-SW 4P 3A W	204501	254752	NF63-SV 4P 3A	NF125-SGW 4P RT 16-25A W	204545	254943	NF125-LGV 4P 16-20A	
NF63-SW 4P 4A W	204502	254753	NF63-SV 4P 4A	NF125-SGW 4P RT 16-25A W	204545	254944	NF125-LGV 4P 20-25A	
NF63-SW 4P 5A W	204503	254754	NF63-SV 4P 5A	NF125-SGW 4P RT 25-40A W	204546	254945	NF125-LGV 4P 25-32A	
NF63-SW 4P 6A W	204504	254755	NF63-SV 4P 6A	NF125-SGW 4P RT 25-40A W	204546	254946	NF125-LGV 4P 32-40A	
NF63-SW 4P 10A W	204505	254756	NF63-SV 4P 10A	NF125-SGW 4P RT 40-63A W	204547	254947	NF125-LGV 4P 35-50A	
NF63-SW 4P 15A W	204506	254757	NF63-SV 4P 15A	NF125-SGW 4P RT 40-63A W	204547	254948	NF125-LGV 4P 45-63A	
NF63-SW 4P 16A W	204507	254758	NF63-SV 4P 16A	NF125-SGW 4P RT 63-100A W	204548	254949	NF125-LGV 4P 56-80A	
NF63-SW 4P 20A W	204508	254759	NF63-SV 4P 20A	NF125-SGW 4P RT 63-100A W	204548	254950	NF125-LGV 4P 70-100A	
NF63-SW 4P 25A W	204509	254760	NF63-SV 4P 25A	NF125-SGW 4P RT 80-125A W	204549	254951	NF125-LGV 4P 90-125A	
NF63-SW 4P 30A W	204510	254761	NF63-SV 4P 30A	NF125-HGW 3P RT 16-25A W	204558	254961	NF125-HGV 3P 16-20A	
NF63-SW 4P 32A W	204511	254762	NF63-SV 4P 32A	NF125-HGW 3P RT 16-25A W	204558	254962	NF125-HGV 3P 20-25A	
NF63-SW 4P 40A W	204512	254763	NF63-SV 4P 40A	NF125-HGW 3P RT 25-40A W	204559	254963	NF125-HGV 3P 25-32A	
NF63-SW 4P 50A W	204513	254764	NF63-SV 4P 50A	NF125-HGW 3P RT 25-40A W	204559	254964	NF125-HGV 3P 32-40A	
NF63-SW 4P 60A W	204514	254765	NF63-SV 4P 60A	NF125-HGW 3P RT 40-63A W	204560	254965	NF125-HGV 3P 35-50A	
NF63-SW 4P 63A W	204515	254766	NF63-SV 4P 63A	NF125-HGW 3P RT 40-63A W	204560	254966	NF125-HGV 3P 45-63A	
NF63-HW 3P 10A W	204516	254778	NF63-HV 3P 10A	NF125-HGW 3P RT 63-100A W	204561	254967	NF125-HGV 3P 56-80A	
NF63-HW 3P 15A W	204517	254779	NF63-HV 3P 15A	NF125-HGW 3P RT 63-100A W	204561	254968	NF125-HGV 3P 70-100A	
NF63-HW 3P 16A W	204518	254780	NF63-HV 3P 16A	NF125-HGW 3P RT 80-125A W	204562	254969	NF125-HGV 3P 90-125A	
NF63-HW 3P 20A W	204519	254781	NF63-HV 3P 20A	NF125-HGW 4P RT 16-25A W	204563	254970	NF125-HGV 4P 16-20A	
NF63-HW 3P 25A W	204520	254782	NF63-HV 3P 25A	NF125-HGW 4P RT 16-25A W	204563	254971	NF125-HGV 4P 20-25A	
NF63-HW 3P 30A W	204521	254783	NF63-HV 3P 30A	NF125-HGW 4P RT 25-40A W	204564	254972	NF125-HGV 4P 25-32A	
NF63-HW 3P 32A W	204522	254784	NF63-HV 3P 32A	NF125-HGW 4P RT 25-40A W	204564	254973	NF125-HGV 4P 32-40A	
NF63-HW 3P 40A W	204523	254785	NF63-HV 3P 40A	NF125-HGW 4P RT 40-63A W	204565	254974	NF125-HGV 4P 35-50A	
NF63-HW 3P 50A W	204524	254786	NF63-HV 3P 50A	NF125-HGW 4P RT 40-63A W	204565	254975	NF125-HGV 4P 45-63A	
NF63-HW 3P 60A W	204525	254787	NF63-HV 3P 60A	NF125-HGW 4P RT 63-100A W	204566	254976	NF125-HGV 4P 56-80A	
NF63-HW 3P 63A W	204526	254788	NF63-HV 3P 63A	NF125-HGW 4P RT 63-100A W	204566	254977	NF125-HGV 4P 70-100A	
NF63-HW 4P 10A W	204527	254789	NF63-HV 4P 10A	NF125-HGW 4P RT 80-125A W	204567	254978	NF125-HGV 4P 90-125A	
NF63-HW 4P 15A W	204528	254790	NF63-HV 4P 15A	NF125-RGW 3P RT 16-25A W	204576	254988	NF125-RGV 3P 16-20A	
NF63-HW 4P 16A W	204529	254791	NF63-HV 4P 16A	NF125-RGW 3P RT 16-25A W	204576	254989	NF125-RGV 3P 20-25A	
NF63-HW 4P 20A W	204530	254792	NF63-HV 4P 20A	NF125-RGW 3P RT 25-40A W	204577	254990	NF125-RGV 3P 25-32A	
NF63-HW 4P 25A W	204531	254793	NF63-HV 4P 25A	NF125-RGW 3P RT 25-40A W	204577	254991	NF125-RGV 3P 32-40A	
NF63-HW 4P 30A W	204532	254794	NF63-HV 4P 30A	NF125-RGW 3P RT 40-63A W	204578	254992	NF125-RGV 3P 40-50A	
NF63-HW 4P 32A W	204533	254795	NF63-HV 4P 32A	NF125-RGW 3P RT 40-63A W	204578	254993	NF125-RGV 3P 50-63A	
NF63-HW 4P 40A W	204534	254796	NF63-HV 4P 40A	NF125-RGW 3P RT 63-100A W	204579	254994	NF125-RGV 3P 63-80A	
NF63-HW 4P 50A W	204535	254797	NF63-HV 4P 50A	NF125-RGW 3P RT 63-100A W	204579	254995	NF125-RGV 3P 80-100A	
NF63-HW 4P 60A W	204536	254798	NF63-HV 4P 60A	-	-	254996	NF125-RGV 3P 100-125A	
NF63-HW 4P 63A W	204537	254799	NF63-HV 4P 63A					



	Old WS-W Series			New WS-V Series		
	Product	Art No	Art No	Product	Art No	Art No
Body 125AF	NF125-UGW 3P RT 16-25A W	204580	255006	NF125-UV 3P 15A	204600	255113
	NF125-UGW 3P RT 16-25A W	204580	255007	NF125-UV 3P 20A	204601	255114
	NF125-UGW 3P RT 25-40A W	204581	255008	NF125-UV 3P 30A	212124	255118
	NF125-UGW 3P RT 25-40A W	204581	255009	NF125-UV 3P 40A	204602	255119
	NF125-UGW 3P RT 40-63A W	204582	255010	NF125-UV 3P 50A	204602	255120
	NF125-UGW 3P RT 40-63A W	204582	255011	NF125-UV 3P 60A	212125	255121
	NF125-UGW 3P RT 63-100A W	204583	255012	NF125-UV 3P 75A	204603	255122
	NF125-UGW 3P RT 63-100A W	204583	255013	NF125-UV 3P 100A	204603	255123
	-	-	255014	NF125-UV 3P 125A	212124	255127
	NF125-UGW 4P RT 16-25A W	204584	255015	NF125-UV 4P 15A	204602	255128
	NF125-UGW 4P RT 16-25A W	204584	255016	NF125-UV 4P 20A	204602	255129
	NF125-UGW 4P RT 25-40A W	204585	255017	NF125-UV 4P 30A	212125	255130
	NF125-UGW 4P RT 25-40A W	204585	255018	NF125-UV 4P 40A	204603	255131
	NF125-UGW 4P RT 40-63A W	204586	255019	NF125-UV 4P 50A	204603	255132
	NF125-UGW 4P RT 40-63A W	204586	255020	NF125-UV 4P 60A	212126	255136
	NF125-UGW 4P RT 63-100A W	204587	255021	NF125-UV 4P 75A	204606	255137
	NF125-UGW 4P RT 63-100A W	204587	255022	NF125-UV 4P 100A	204606	255138
	-	-	255023	NF125-UV 4P 125A	212127	255139
	NF125-SGW 3P RE 16-32A W	204550	255024	NF125-SEV 3P 16-32A	204607	255140
	NF125-SGW 3P RE 32-63A W	204551	255025	NF125-SEV 3P 32-63A	204607	255141
	NF125-SGW 3P RE 63-100A W	204552	255026	NF125-SEV 3P 63-125A	220496	255145
	NF125-SGW 3P RE 75-125A W	204553	255026	NF125-SEV 3P 63-125A	204610	255146
	NF125-SGW 4P RE 16-32A W	204554	255027	NF125-SEV 4P 16-32A	204610	255147
	NF125-SGW 4P RE 32-63A W	204555	255028	NF125-SEV 4P 32-63A	204611	255154
	NF125-SGW 4P RE 63-100A W	204556	255029	NF125-SEV 4P 63-125A	204611	255155
	NF125-SGW 4P RE 75-125A W	204557	255029	NF125-SEV 4P 63-125A	204612	255156
	NF125-HGW 3P RE 16-32A W	204568	255030	NF125-HEV 3P 16-32A	204612	255157
	NF125-HGW 3P RE 32-63A W	204569	255031	NF125-HEV 3P 32-63A	204612	255158
	NF125-HGW 3P RE 63-100A W	204570	255032	NF125-HEV 3P 63-125A	-	255159
	NF125-HGW 3P RE 75-125A W	204571	255032	NF125-HEV 3P 63-125A	204613	255160
NF125-HGW 4P RE 16-32A W	204572	255033	NF125-HEV 4P 16-32A	204613	255161	
NF125-HGW 4P RE 32-63A W	204573	255034	NF125-HEV 4P 32-63A	204614	255162	
NF125-HGW 4P RE 63-100A W	204574	255035	NF125-HEV 4P 63-125A	204614	255163	
NF125-HGW 4P RE 75-125A W	204575	255035	NF125-HEV 4P 63-125A	204614	255164	
DSN160-SGW 3P 160A W	204588	255037	DSN160-SGV 3P	-	255165	
DSN160-SGW 4P 160A W	204589	255038	DSN160-SGV 4P	-	255166	
NF160-SGW 3P RT 125-160A W	204591	255040	NF160-SGV 3P 125-160A	204604	255167	
NF160-SGW 4P RT 125-160A W	204592	255041	NF160-SGV 4P 125-160A	-	255168	
NF160-SGW 3P RT 125-160A W	204591	255043	NF160-LGV 3P 125-160A	-	255169	
NF160-SGW 4P RT 125-160A W	204592	255044	NF160-LGV 4P 125-160A	204605	255169	
NF160-HGW 3P RT 125-160A W	204596	255046	NF160-HGV 3P 125-160A	-	255170	
NF160-HGW 4P RT 125-160A W	204597	255047	NF160-HGV 4P 125-160A	-	255171	
<b>Electronic Tripp Relay NF160</b>			<b>Electronic Tripp Relay NF250</b>			
NF160-SGW 3P RE 80-160A W	204593	255166	NF250-SEV 3P 80-160A	-	255172	
NF160-SGW 4P RE 80-160A W	204594	255168	NF250-SEV 4P 80-160A	-	255172	
NF160-HGW 3P RE 80-160A W	204598	255170	NF250-HEV 3P 80-160A	204609	255173	
NF160-HGW 4P RE 80-160A W	204599	255172	NF250-HEV 4P 80-160A	-	255172	
NF160-SGW 3P RE 80-160A W	204593	255166	NF250-SEV 3P 80-160A	-	255172	
NF160-SGW 4P RE 80-160A W	204594	255168	NF250-SEV 4P 80-160A	-	255172	
NF160-HGW 3P RE 80-160A W	204598	255170	NF250-HEV 3P 80-160A	-	255172	
NF160-HGW 4P RE 80-160A W	204599	255172	NF250-HEV 4P 80-160A	-	255172	

Accessories		
SAP Nr.	Product	Description
267210	AL-05SV	Alarm switch. 1CO, Flying lead, Left or Right hand fitting
267212	AL-05SVLS	Alarm switch. 1CO, Terminal block, Left hand fitting
267228	ALAX-05SV	Alarm+Auxiliary switch. 1CO, Flying lead, Left or Right hand fitting
267230	ALAX-05SVLS	Alarm+Auxiliary switch. 1CO, Terminal block, Left hand fitting
267236	AX-05SV	Auxiliary switch. 1CO, Flying lead, Left or Right hand fitting
267238	AX-05SVLS	Auxiliary switch. 1CO, Terminal block, Left hand fitting
267244	AX2-05SV	Auxiliary switch. 2CO, Flying lead, Left or Right hand fitting
267246	AX2-05SVLS	Auxiliary switch. 2CO, Terminal block, Left hand fitting
267248	BAF-05SV	Insulating Barrier by Front connection.
267249	BAF-2SV	Insulating Barrier by Front connection.
267250	BAG-05SV3	Earth fault preventing Barrier
267251	BAG-1SV3	Earth fault preventing Barrier
267252	BAG-2SV3	Earth fault preventing Barrier
267253	BTC-05SV2	Rear terminal cover. NF32-xxx and NF63-xxx 2P (W75)
267254	BTC-05SV3	Rear terminal cover. NF32-xxx and NF63-xxx 3P (W75)
267255	BTC-05SV4	Rear terminal cover. NF32-xxx and NF63-xxx 4P (W75)
267256	BTC-1SV2	Rear terminal cover. NF125-xxx 2P (W90)
267257	BTC-1SV3	Rear terminal cover. NF125-xxx 3P (W90)
267258	BTC-1SV4	Rear terminal cover. NF125-xxx 4P (W90)
267259	BTC-2SV3	Rear terminal cover. NF125,160,250-xxx 2 or 3P (W105)
267260	BTC-2SV4	Rear terminal cover. NF125,160,250-xxx 4P (W105)
267261	CH-P(NO-5)	Card holder. (W75)
267262	DIN-05SV	Rail Mounting Adapter (W75, 90, 105)



SAP Nr.	Product	Description
267263	F-05SV LF DF	Operating handle Type F. OFF position lock, OFF position open, ON side of breaker is upper, NF32-SV, NF63-xx 3P/4P
267264	F-05SV LF DF Y	Operating handle Type F. OFF position lock, OFF position open, ON side of breaker is left, NF32-SV, NF63-xx 3P/4P
267265	F-05SV LF DF Z	Operating handle Type F. OFF position lock, OFF position open, ON side of breaker is right, NF32-SV, NF63-xx 3P/4P
267266	F-05SV LF DR	Operating handle Type F. OFF position lock, RESET position open, ON side of breaker is upper, NF32-SV, NF63-xx 3P/4P
267267	F-05SV LF DR Y	Operating handle Type F. OFF position lock, RESET position open, ON side of breaker is left, NF32-SV, NF63-xx 3P/4P
267268	F-05SV LF DR Z	Operating handle Type F. OFF position lock, RESET position open, ON side of breaker is right, NF32-SV, NF63-xx 3P/4P
267287	F-05SVE LF DF	Operating handle Type F Emergency. OFF position lock, OFF position open, ON side of breaker is upper, NF32-SV, NF63-xx 3P/4P
267288	F-05SVE LF DF Y	Operating handle Type F Emergency. OFF position lock, OFF position open, ON side of breaker is left, NF32-SV, NF63-xx 3P/4P
267289	F-05SVE LF DF Z	Operating handle Type F Emergency. OFF position lock, OFF position open, ON side of breaker is right, NF32-SV, NF63-xx 3P/4P
267290	F-05SVE LF DR	Operating handle Type F Emergency. OFF position lock, RESET position open, ON side of breaker is upper, NF32-SV, NF63-xx 3P/4P
267291	F-05SVE LF DR Y	Operating handle Type F Emergency. OFF position lock, RESET position open, ON side of breaker is left, NF32-SV, NF63-xx 3P/4P
267292	F-05SVE LF DR Z	Operating handle Type F Emergency. OFF position lock, RESET position open, ON side of breaker is right, NF32-SV, NF63-xx 3P/4P
267359	F-2SV LF DF	Operating handle Type F. OFF position lock, OFF position open, ON side of breaker is upper, NF125, 160, 250 W105 2,3,4P
267360	F-2SV LF DF Y	Operating handle Type F. OFF position lock, OFF position open, ON side of breaker is left, NF125, 160, 250 W105 2,3,4P
267361	F-2SV LF DF Z	Operating handle Type F. OFF position lock, OFF position open, ON side of breaker is right, NF125, 160, 250 W105 2,3,4P
267362	F-2SV LF DR	Operating handle Type F. OFF position lock, RESET position open, ON side of breaker is upper, NF125, 160, 250 W105 2,3,4P
267363	F-2SV LF DR Y	Operating handle Type F. OFF position lock, RESET position open, ON side of breaker is left, NF125, 160, 250 W105 2,3,4P
267364	F-2SV LF DR Z	Operating handle Type F. OFF position lock, RESET position open, ON side of breaker is right, NF125, 160, 250 W105 2,3,4P
267371	F-2SVE LF DF	Operating handle Type F Emergency. OFF position lock, OFF position open, ON side of breaker is upper, NF125, 160, 250 W105 2,3,4P
267372	F-2SVE LF DF Y	Operating handle Type F Emergency. OFF position lock, OFF position open, ON side of breaker is left, NF125, 160, 250 W105 2,3,4P
267373	F-2SVE LF DF Z	Operating handle Type F Emergency. OFF position lock, OFF position open, ON side of breaker is right, NF125, 160, 250 W105 2,3,4P
267374	F-2SVE LF DR	Operating handle Type F Emergency. OFF position lock, RESET position open, ON side of breaker is upper, NF125, 160, 250 W105 2,3,4P
267375	F-2SVE LF DR Y	Operating handle Type F Emergency. OFF position lock, RESET position open, ON side of breaker is left, NF125, 160, 250 W105 2,3,4P
267376	F-2SVE LF DR Z	Operating handle Type F Emergency. OFF position lock, RESET position open, ON side of breaker is right, NF125, 160, 250 W105 2,3,4P
267383	FB-1SV	Busbar connection (W90)
267384	FB-2SV	Busbar connection (W105)
267385	F-RCS	Release protection for operating handle Type F
267386	FT-05SV2	Front connection screw terminal -EU Standard. For W75 2-pole.
267387	FT-05SV3	Front connection screw terminal -EU Standard. For W75 3-pole.
267388	FT-05SV4	Front connection screw terminal -EU Standard. For W75 4-pole.
267389	FT-1HV2	Front connection screw terminal -EU Standard. For W90 2-pole NF-HV.
267390	FT-1SV2	Front connection screw terminal -EU Standard. For W90 2-pole.
267391	FT-1SV3	Front connection screw terminal -EU Standard. For W90 3-pole.
267392	FT-1SV4	Front connection screw terminal -EU Standard. For W90 4-pole.
267393	FT-2SV2	Front connection screw terminal -EU Standard. For W105 2-pole.
267394	FT-2SV3	Front connection screw terminal -EU Standard. For W105 3-pole.
267395	FT-2SV4	Front connection screw terminal -EU Standard. For W105 4-pole.
267396	HLF-05SV	Handle lock device removable type. OFF lock.
267397	HLN-05SV	Handle lock device removable type. ON lock.
267398	HLS-05SV	Handle lock device fix type. OFF lock. For W75 and W90.
267399	HLS-05SV2	Handle lock device fix type. OFF lock. For W75 and W90 2-pole.
267400	HLS-2SV	Handle lock device fix type. OFF lock. For W105.
267761	LC-05SV	Lock cover
267402	MDSAD240-NF2SVE	Electrical operation device. Motor AC 100-240V / DC 100-250V for NF W105
267403	MDSAD240-NF2UVE	Electrical operation device. Motor AC 100-240V / DC 100-250V for NF250-UV W105
267405	MDSAD240-NV2SVE	Electrical operation device. Motor AC 100-240V / DC 100-250V for NV W105
267407	MDS024-NF2SVE	Electrical operation device. Motor DC 24V for NF W105
267409	MDS024-NV2SVE	Electrical operation device. Motor DC 24V for NV W105
267411	MDS060-NF2SVE	Electrical operation device. Motor DC 48-60V for NF W105
267412	MDS060-NF2UVE	Electrical operation device. Motor DC 48-60V for NF250-UV W105
267414	MDS060-NV2SVE	Electrical operation device. Motor DC 48-60V for NV W105
267415	MDSPAD240-SV	Power supply module for MDS. AC 100-240V / DC 100-250V
267416	MDSPAD024-SV	Power supply module for MDS. DC 24V
267417	MDSPAD060-SV	Power supply module for MDS. DC 48-60V
267418	MI-05SV3	Mechanical interlock. For W75, W90 und W105; 2 und 3 poles. Panel mounting.
267419	MI-05SV4	Mechanical interlock. For W75; 4 poles. Panel mounting.
267420	MI-05SVFB2	Mechanical interlock. For W75 und W90; 2 poles. Breaker mounting.
267421	MI-05SVFB3	Mechanical interlock. For W75; 3 poles. Breaker mounting.
267424	MI-2SV4	Mechanical interlock. For W105; 4 poles. Panel mounting.
267425	MI-2SVFB3	Mechanical interlock. For W105; 3 poles. Breaker mounting.
267426	PLT-05SV	Terminal block for Plug-In (For internal accessory)
267427	PLT-2RV	Terminal block for Plug-In (For internal accessory)
267428	PMD-05SV2	Base of Plug-In kit without PLT, Safety Device. (W75, 2P)
267429	PMD-05SV3	Base of Plug-In kit without PLT, Safety Device. (W75, 3P)
267430	PMD-05SV4	Base of Plug-In kit without PLT, Safety Device. (W75, 4P)
267435	PMD-2SV2	Base of Plug-In kit without PLT, Safety Device. (W105, 2P)
267436	PMD-2SV3	Base of Plug-In kit without PLT, Safety Device. (W105, 3P)
267437	PMD-2SV4	Base of Plug-In kit without PLT, Safety Device. (W105, 4P)
267438	PMD-2UV2	Base of Plug-In kit without PLT, Safety Device. (NF250-UV 2P)
267762	PMD-2UV3	Base of Plug-In kit without PLT, Safety Device. (NF250-UV 3P)
267441	PMDN-05SV3H	Plug-In kit without PLT, Safety Device. (W75, 3P up to 63A)
267442	PMDN-05SV3L	Plug-In kit without PLT, Safety Device. (W75, 3P up to 50A)
267443	PMDN-05SV4H	Plug-In kit without PLT, Safety Device. (W75, 4P up to 63A)
267444	PMDN-05SV4L	Plug-In kit without PLT, Safety Device. (W75, 4P up to 50A)
267449	PMDN-2SV2	Plug-In kit without PLT, Safety Device. (W105, 2P)
267450	PMDN-2SV3	Plug-In kit without PLT, Safety Device. (W105, 3P)
267451	PMDN-2SV4	Plug-In kit without PLT, Safety Device. (W105, 4P)
267452	PMDN-2UV2	Plug-In kit without PLT, Safety Device. (W105, 2P)
267453	PMDN-2UV3	Plug-In kit without PLT, Safety Device. (W105, 3P)
267456	PMN-05SV3H	Connector kit on breaker for Plug in connection. (W75, 3P up to 63A)
267457	PMN-05SV3L	Connector kit on breaker for Plug in connection. (W75, 3P up to 50A)
267458	PMN-05SV4H	Connector kit on breaker for Plug in connection. (W75, 4P up to 63A)
267459	PMN-05SV4L	Connector kit on breaker for Plug in connection. (W75, 4P up to 50A)



SAP Nr.	Product	Description
267463	PMN-2SV2	Connector kit on breaker for Plug in connection. (W105, 2P)
267464	PMN-2SV3	Connector kit on breaker for Plug in connection. (W105, 3P)
267465	PMN-2SV4	Connector kit on breaker for Plug in connection. (W105, 4P)
267466	PMN-2UV2	Connector kit on breaker for Plug in connection. (NF250-UV 2P)
267467	PMN-2UV3	Connector kit on breaker for Plug in connection. (NF250-UV 3P)
267468	PTC-05SV2	Terminal Cover for Plug-In. (W75, 2P)
267469	PTC-05SV3	Terminal Cover for Plug-In. (W75, 3P)
267470	PTC-05SV4	Terminal Cover for Plug-In. (W75, 4P)
267474	PTC-2SV3	Terminal Cover for Plug-In. (W105, 3P)
267475	PTC-2SV4	Terminal Cover for Plug-In. (W105, 4P)
267478	SHTA048-05SVR	Shount trip. AC 24-48V, Right hand fitting, for W75, 90, 105. Flying lead.
267479	SHTA048-05SVRS	Shount trip. AC 24-48V, Right hand fitting, for W75, 90, 105. Terminal block.
267480	SHTA048-05SVRFS	Shount trip. AC 24-48V, Right hand fitting 4P, for W75, 90, 105. Terminal block.
267483	SHTA240-05SVR	Shount trip. AC 100-240V, Right hand fitting, for W75, 90, 105. Flying lead.
267484	SHTA240-05SVRS	Shount trip. AC 100-240V, Right hand fitting, for W75, 90, 105. Terminal block.
267485	SHTA240-05SVRFS	Shount trip. AC 100-240V, Right hand fitting 4P, for W75, 90, 105. Terminal block.
267488	SHTA550-05SVR	Shount trip. AC 380-550V, Right hand fitting, for W75, 90, 105. Flying lead.
267489	SHTA550-05SVRS	Shount trip. AC 380-550V, Right hand fitting, for W75, 90, 105. Terminal block.
267490	SHTA550-05SVRFS	Shount trip. AC 380-550V, Right hand fitting 4P, for W75, 90, 105. Terminal block.
267493	SHTD012-05SVR	Shount trip. DC 12V, Right hand fitting, for W75, 90, 105. Flying lead.
267494	SHTD012-05SVRS	Shount trip. DC 12V, Right hand fitting, for W75, 90, 105. Terminal block.
267495	SHTD012-05SVRFS	Shount trip. DC 12V, Right hand fitting 4P, for W75, 90, 105. Terminal block.
267498	SHTD036-05SVR	Shount trip. DC 24-36V, Right hand fitting, for W75, 90, 105. Flying lead.
267499	SHTD036-05SVRS	Shount trip. DC 24-36V, Right hand fitting, for W75, 90, 105. Terminal block.
267500	SHTD036-05SVRFS	Shount trip. DC 24-36V, Right hand fitting 4P, for W75, 90, 105. Terminal block.
267503	SHTD048-05SVR	Shount trip. DC 36-48V, Right hand fitting, for W75, 90, 105. Flying lead.
267504	SHTD048-05SVRS	Shount trip. DC 36-48V, Right hand fitting, for W75, 90, 105. Terminal block.
267505	SHTD048-05SVRFS	Shount trip. DC 36-48V, Right hand fitting 4P, for W75, 90, 105. Terminal block.
267508	SHTD125-05SVR	Shount trip. DC 100-125V, Right hand fitting, for W75, 90, 105. Flying lead.
267509	SHTD125-05SVRS	Shount trip. DC 100-125V, Right hand fitting, for W75, 90, 105. Terminal block.
267510	SHTD125-05SVRFS	Shount trip. DC 100-125V, Right hand fitting 4P, for W75, 90, 105. Terminal block.
267513	SHTD250-05SVR	Shount trip. DC 220-250V, Right hand fitting, for W75, 90, 105. Flying lead.
267514	SHTD250-05SVRS	Shount trip. DC 220-250V, Right hand fitting, for W75, 90, 105. Terminal block.
267515	SHTD250-05SVRFS	Shount trip. DC 220-250V, Right hand fitting 4P, for W75, 90, 105. Terminal block.
267520	SL-2SV3B	Solderless terminal. 2,5 - 16mm <sup>2</sup> , for W105 3-pole.
267521	SL-2SV3L	Solderless terminal. 14 - 95mm <sup>2</sup> , for W105 3-pole.
267522	SL-2SV3G	Solderless terminal. 70 - 125mm <sup>2</sup> , for W105 3-pole.
267523	SL-2SV4B	Solderless terminal. 2,5 - 16mm <sup>2</sup> , for W105 4-pole.
267524	SL-2SV4L	Solderless terminal. 14 - 95mm <sup>2</sup> , for W105 4-pole.
267525	SL-2SV4G	Solderless terminal. 70 - 125mm <sup>2</sup> , for W105 4-pole.
267526	SL-2UV3B	Solderless terminal. 2,5 - 16mm <sup>2</sup> , for NF-UV W105 3-pole.
267527	SL-2UV3L	Solderless terminal. 14 - 95mm <sup>2</sup> , for NF-UV W105 3-pole.
267528	SL-2UV3G	Solderless terminal. 70 - 125mm <sup>2</sup> , for NF-UV W105 3-pole.
267529	SL-2UV4B	Solderless terminal. 2,5 - 16mm <sup>2</sup> , for NF-UV W105 4-pole.
267530	SL-2UV4L	Solderless terminal. 14 - 95mm <sup>2</sup> , for NF-UV W105 4-pole.
267531	SL-2UV4G	Solderless terminal. 70 - 125mm <sup>2</sup> , for NF-UV W105 4-pole.
267532	ST-05SV2	Rear connection. For W75 2-pole.
267533	ST-05SV3	Rear connection. For W75 3-pole.
267534	ST-05SV4	Rear connection. For W75 4-pole.
267539	ST-2SV2	Rear connection. For NF-SV W105 2-pole.
267540	ST-2SV3	Rear connection. For NF-SV W105 3-pole.
267541	ST-2SV4	Rear connection. For NF-SV W105 4-pole.
267542	TCL-05SV2	Terminal cover - large. For W75 2-pole.
267543	TCL-05SV3	Terminal cover - large. For W75 3-pole.
267544	TCL-05SV4	Terminal cover - large. For W75 4-pole.
267548	TCL-2SV3	Terminal cover - large. For W105 3-pole up to 200A max 100mm <sup>2</sup> .
267549	TCL-2SV3L	Terminal cover - large. For W105 3-pole up to 250A max 150mm <sup>2</sup> .
267550	TCL-2SV4	Terminal cover - large. For W105 4-pole.
267551	TCS-05SV2	Terminal cover - transparent. For W75 2-pole.
267552	TCS-05SV3	Terminal cover - transparent. For W75 3-pole.
267553	TCS-05SV4	Terminal cover - transparent. For W75 4-pole.
267557	TCS-2SV3	Terminal cover - transparent. For W105 3-pole.
267558	TCS-2SV4	Terminal cover - transparent. For W105 4-pole.
267559	TTC-05SV2	Terminal cover - transparent. For W75 2-pole.
267560	TTC-05SV3	Terminal cover - transparent. For W75 3-pole.
267561	TTC-05SV4	Terminal cover - transparent. For W75 4-pole.
267565	TTC-2SV3	Terminal cover - transparent. For W105 3-pole.
267566	TTC-2SV4	Terminal cover - transparent. For W105 4-pole.

<b>Instantaneous, synchron</b>		
<b>SAP Nr.</b>	<b>Product</b>	<b>Description</b>
267599	UVTSA250-05SVR	Under voltage trip device. AC 200-250V, Instantaneous, Synchron, Right side, for W75, 90, 105. Flying lead.
267600	UVTSA250-05SVRS	Under voltage trip device. AC 200-250V, Instantaneous, Synchron, Right side, for W75, 90, 105. Terminal block.
267601	UVTSA250-05SVRFS	Under voltage trip device. AC 200-250V, Instantaneous, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267604	UVTSA480-05SVR	Under voltage trip device. AC 380-480V, Instantaneous, Synchron, Right side, for W75, 90, 105. Flying lead.
267605	UVTSA480-05SVRS	Under voltage trip device. AC 380-480V, Instantaneous, Synchron, Right side, for W75, 90, 105. Terminal block.
267606	UVTSA480-05SVRFS	Under voltage trip device. AC 380-480V, Instantaneous, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267609	UVTSA600-05SVR	Under voltage trip device. AC 500-600V, Instantaneous, Synchron, Right side, for W75, 90, 105. Flying lead.
267610	UVTSA600-05SVRS	Under voltage trip device. AC 500-600V, Instantaneous, Synchron, Right side, for W75, 90, 105. Terminal block.
267611	UVTSA600-05SVRFS	Under voltage trip device. AC 500-600V, Instantaneous, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267614	UVTSAD024-05SVR	Under voltage trip device. AC/DC 24V, Instantaneous, Synchron, Right side, for W75, 90, 105. Flying lead.
267615	UVTSAD024-05SVRS	Under voltage trip device. AC/DC 24V, Instantaneous, Synchron, Right side, for W75, 90, 105. Terminal block.
267616	UVTSAD024-05SVRFS	Under voltage trip device. AC/DC 24V, Instantaneous, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267619	UVTSAD048-05SVR	Under voltage trip device. AC/DC 48V, Instantaneous, Synchron, Right side, for W75, 90, 105. Flying lead.
267620	UVTSAD048-05SVRS	Under voltage trip device. AC/DC 48V, Instantaneous, Synchron, Right side, for W75, 90, 105. Terminal block.
267621	UVTSAD048-05SVRFS	Under voltage trip device. AC/DC 48V, Instantaneous, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267624	UVTSAD130-05SVR	Under voltage trip device. AC/DC 100-130V, Instantaneous, Synchron, Right side, for W75, 90, 105. Flying lead.
267625	UVTSAD130-05SVRS	Under voltage trip device. AC/DC 100-130V, Instantaneous, Synchron, Right side, for W75, 90, 105. Terminal block.
267626	UVTSAD130-05SVRFS	Under voltage trip device. AC/DC 100-130V,+Z13 Instantaneous, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
<b>Delay 1, synchron</b>		
267689	UVTSA048-05SVRU05	Under voltage trip device. AC 24/48V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267690	UVTSA048-05SVRSU05	Under voltage trip device. AC 24/48V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267691	UVTSA048-05SVRFSU05	Under voltage trip device. AC 24/48V, 0,1/0,3/0,5 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267694	UVTSA450-05SVRU05	Under voltage trip device. AC 120/240/450V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267695	UVTSA450-05SVRSU05	Under voltage trip device. AC 120/240/450V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267696	UVTSA450-05SVRFSU05	Under voltage trip device. AC 120/240/450V, 0,1/0,3/0,5 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267699	UVTSA550-05SVRU05	Under voltage trip device. AC 250/450/550V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267700	UVTSA550-05SVRSv	Under voltage trip device. AC 250/450/550V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267701	UVTSA550-05SVRFSU05	Under voltage trip device. AC 250/450/550V, 0,1/0,3/0,5 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267704	UVTSA690-05SVRU05	Under voltage trip device. AC 450/550/690V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267705	UVTSA690-05SVRSU05	Under voltage trip device. AC 450/550/690V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267706	UVTSA690-05SVRFSU05	Under voltage trip device. AC 450/550/690V, 0,1/0,3/0,5 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267709	UVTSD048-05SVRU05	Under voltage trip device. DC 24/48V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267710	UVTSD048-05SVRSU05	Under voltage trip device. DC 24/48V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267711	UVTSD048-05SVRFSU05	Under voltage trip device. DC 24/48V, 0,1/0,3/0,5 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267714	UVTSD110-05SVRU05	Under voltage trip device. DC 100-110V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267715	UVTSD110-05SVRSU05	Under voltage trip device. DC 100-110V, 0,1/0,3/0,5 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267716	UVTSD110-05SVRFSU05	Under voltage trip device. DC 100-110V, 0,1/0,3/0,5 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
<b>Delay 2, synchron</b>		
267719	UVTSA048-05SVRU30	Under voltage trip device. AC 24/48V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267720	UVTSA048-05SVRSU30	Under voltage trip device. AC 24/48V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267721	UVTSA048-05SVRFSU30	Under voltage trip device. AC 24/48V, 0,5/1,0/3,0 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267724	UVTSA450-05SVRU30	Under voltage trip device. AC 120/240/450V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267725	UVTSA450-05SVRSU30	Under voltage trip device. AC 120/240/450V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267726	UVTSA450-05SVRFSU30	Under voltage trip device. AC 120/240/450V, 0,5/1,0/3,0 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267729	UVTSA550-05SVRU30	Under voltage trip device. AC 250/450/550V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267730	UVTSA550-05SVRSU30	Under voltage trip device. AC 250/450/550V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267731	UVTSA550-05SVRFSU30	Under voltage trip device. AC 250/450/550V, 0,5/1,0/3,0 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267734	UVTSA690-05SVRU30	Under voltage trip device. AC 450/550/690V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267735	UVTSA690-05SVRSU30	Under voltage trip device. AC 450/550/690V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267736	UVTSA690-05SVRFSU30	Under voltage trip device. AC 450/550/690V, 0,5/1,0/3,0 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267739	UVTSD048-05SVRU30	Under voltage trip device. DC 24/48V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267740	UVTSD048-05SVRSU30	Under voltage trip device. DC 24/48V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267741	UVTSD048-05SVRFSU30	Under voltage trip device. DC 24/48V, 0,5/1,0/3,0 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267744	UVTSD110-05SVRU30	Under voltage trip device. DC 100-110V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Flying lead.
267745	UVTSD110-05SVRSU30	Under voltage trip device. DC 100-110V, 0,5/1,0/3,0 s, Synchron, Right side, for W75, 90, 105. Terminal block.
267746	UVTSD110-05SVRFSU30	Under voltage trip device. DC 100-110V, 0,5/1,0/3,0 s, Synchron, Right side 4P, for W75, 90, 105. Terminal block.
267747	V-05SV	Operating handle variable depth. For 3 and 4-pole Breaker NF/DSN 32AF and 63AF. Handle black.
267748	V-05SV2	Operating handle variable depth. For 2-pole Breaker NF/DSN 32AF and 63AF. Handle black.
267749	V-05SVE	Operating handle variable depth. For 3 and 4-pole Breaker NF/DSN 32AF and 63AF. Handle red/yellow.
267750	V-05SVE2	Operating handle variable depth. For 2-pole Breaker NF/DSN 32AF and 63AF. Handle red/yellow.
267755	V-2SV	Operating handle variable depth. For 3 and 4-pole Breaker NF/DSN 125AF, 160AF, 250AF. Handle black.
267756	V-2SVE	Operating handle variable depth. For 3 and 4-pole Breaker NF/DSN 125AF, 160AF, 250AF. Handle red/yellow.
267757	V-2UV	Operating handle variable depth. For 3 and 4-pole Breaker NF/DSN NF250-UV. Handle black.
267758	V-2UVE	Operating handle variable depth. For 3 and 4-pole Breaker NF/DSN NF250-UV. Handle red/yellow.
225426	V-AD3S	Adjustment unit for operating handle.
267770	Y-350	Tester Y-350