



Size 000 - gS - 690V in progress



Current (A)	Rating - Curve	Cat.Number with striker	Ref. number with striker	Pckg
25	690 V gS	NH000GS69V25PV	S322039C	3
32	690 V gS	NH000GS69V32PV	X322043C	3
40	690 V gS	NH000GS69V40PV	B322047C	3
50	690 V gS	NH000GS69V50PV	F322051C	3
63	690 V gS	NH000GS69V63PV	K322055C	3
80	690 V gS	NH000GS69V80PV	P322059C	3
100	690 V gS	NH000GS69V100PV	T322063C	3
Extractor handle		NHHADEL	P215592E	5
Microswitch	consult us			

Size 00 - gS - 690V in progress

No derating in fuse holders & switch disconnectors



Current (A)	Rating - Curve	Cat.Number with striker	Ref. number with striker	Pckg
125	690 V gS	NH00GS69V125PV	E322165C	3
160	690 V gS	NH00GS69V160PV	J322169C	3
Neutral		NH00NEUTRAL	Z218269J	10
Extractor handle		NHHADEL	P215592E	5
Microswitch	consult us			

Size 1 - gS - 690V in progress

I_{RMS} maxi respectively 110 & 140 A in fuse holders & switch disconnectors



Current (A)	Rating - Curve	Cat.Number with striker	Ref. number with striker	Pckg
125	690 V gS	NH1GS69V125PV	X322365C	3
160	690 V gS	NH1GS69V160PV	B322369C	3
200	690 V gS	NH1GS69V200PV	D322371C	3
250	690 V gS	NH1GS69V250PV	H322375C	3
280	690 V gS	NH1GS69V280PV	L302897C	3
Neutral		NH1NEUTRAL	A219834E	5
Extractor handle		NHHADEL	P215592E	5
Microswitch	consult us			

Size 2 - gS - 690V in progress

No derating in fuse holders & switch disconnectors



Current (A)	Rating - Curve	Cat.Number with striker	Ref. number with striker	Pckg
250	690 V gS	NH2GS69V250PV	R322475C	3
315	690 V gS	NH2GS69V315PV	W322479C	3
350	690 V gS	NH2GS69V350PV	X322480C	3
400	690 V gS	NH2GS69V400PV	A322483C	3
450	690 V gS	NH2GS69V450PV	C322485C	3
Neutral		NH2NEUTRAL	N222514E	5
Extractor handle		NHHADEL	P215592E	5
Microswitch	consult us			

Size 3 - gS - 690V in progress

No derating in fuse holders & switch disconnectors



Current (A)	Rating - Curve	Cat.Number with striker	Ref. number with striker	Pckg
315	690 V gS	NH3GS69V315PV	E322579A	1
350	690 V gS	NH3GS69V350PV	F322580A	1
400	690 V gS	NH3GS69V400PV	J322583A	1
450	690 V gS	NH3GS69V450PV	L322585A	1
500	690 V gS	NH3GS69V500PV	N322587A	1
550	690 V gS	NH3GS69V550PV	P322588A	1
630	690 V gS	NH3GS69V630PV	O322589A	1
Neutral		NH3NEUTRAL	E223035E	5
Extractor handle		NHHADEL	P215592E	5
Microswitch	consult us			

For other rating, see web site:

http://www.ferraz-shawmut.com/circuit-protection-gb/products/pdf/NHGSAdvisor_GB_061019.pdf

No derating in fuse holders & switch disconnectors

Size 000 - URD - 690V & 500V

Current (A)	Rating	Cat.Number with striker	Ref. number with striker	Pckg
16	690 V	NH000UD69V16PV	P320035C	3
20	690 V	NH000UD69V20PV	R320037C	3
25	690 V	NH000UD69V25PV	T320039C	3
32	690 V	NH000UD69V32PV	Y320043C	3
40	690 V	NH000UD69V40PV	C320047C	3
50	690 V	NH000UD69V50PV	G320051C	3
63	690 V	NH000UD69V63PV	L320055C	3
80	690 V	NH000UD69V80PV	O320059C	3
100	690 V	NH000UD69V100PV	V320063C	3
125	690 V	NH000UD69V125PV	X320065C	3
160	690 V	NH000UD69V160PV	B320069C	3
200	690 V	NH000UD69V200PV	D320071C	3
250	690 V	NH000UD69V250PV	H320075C	3
315	500 V	NH000UD50V315PV	M320079C	3
Extractor handle		NHHADEL	P215592E	5
Microswitch	consult us			



Size 00 - URD - 690V

Current (A)	Rating	Cat.Number with striker	Ref. number with striker	Pckg
20	690 V	NH00UD69V20PV	A320137C	3
25	690 V	NH00UD69V25PV	C320139C	3
32	690 V	NH00UD69V32PV	G320143C	3
40	690 V	NH00UD69V40PV	L320147C	3
50	690 V	NH00UD69V50PV	Q320151C	3
63	690 V	NH00UD69V63PV	V320155C	3
80	690 V	NH00UD69V80PV	Z320159C	3
100	690 V	NH00UD69V100PV	D320163C	3
125	690 V	NH00UD69V125PV	F320165C	3
160	690 V	NH00UD69V160PV	K320169C	3
200	690 V	NH00UD69V200PV	M320171C	3
250	690 V	NH00UD69V250PV	R320175C	3
315	690 V	NH00UD69V315PV	W320179C	3
Neutral		NH00NEUTRAL	Z218269J	10
Extractor handle		NHHADEL	P215592E	5
Microswitch	consult us			



Size 0 - URD - 690V

Current (A)	Rating	Cat.Number with striker	Ref. number with striker	Pckg
32	690 V	NH0UD 69V 32PV	O320243C	3
40	690 V	NH0UD 69V 40PV	V320247C	3
50	690 V	NH0UD 69V 50PV	Z320251C	3
63	690 V	NH0UD 69V 63PV	D320255C	3
80	690 V	NH0UD 69V 80PV	H320259C	3
100	690 V	NH0UD 69V 100PV	M320263C	3
125	690 V	NH0UD 69V 125PV	P320265C	3
160	690 V	NH0UD 69V 160PV	T320269C	3
200	690 V	NH0UD 69V 200PV	W320271C	3
250	690 V	NH0UD 69V 250PV	A320275C	3
315	690 V	NH0UD 69V 315PV	E320279C	3
Neutral		NH0NEUTRAL	Z219304J	10
Extractor handle		NH HANDLE	P215592E	5
Microswitch	consult us			



Size 1 - URD - 690V



Current (A)	Rating	Cat.Number with striker	Ref. number with striker	Pckg
63	690 V	NH1UD 69V 63PV	M320355C	3
80	690 V	NH1UD 69V 80PV	K320399C	3
100	690 V	NH1UD 69V 100PV	W320363C	3
125	690 V	NH1UD 69V 125PV	Y320365C	3
160	690 V	NH1UD 69V 160PV	C320369C	3
200	690 V	NH1UD 69V 200PV	E320371C	3
250	690 V	NH1UD 69V 250PV	J320375C	3
315	690 V	NH1UD 69V 315PV	N320379C	3
350	690 V	NH1UD 69V 350PV	P320380C	3
400	690 V	NH1UD 69V 400PV	S320383C	3
Neutral		NH1NEUTRAL	A219834E	5
Extractor handle		NHHANDLE	P215592A	1
Microswitch	consult us			

Size 2 - URD - 690V



Current (A)	Rating	Cat.Number with striker	Ref. number with striker	Pckg
160	690 V	NH2UD 69V 160PV	L320469C	3
200	690 V	NH2UD 69V 200PV	N320471C	3
250	690 V	NH2UD 69V 250PV	S320475C	3
315	690 V	NH2UD 69V 315PV	X320479C	3
350	690 V	NH2UD 69V 350PV	Y320480C	3
400	690 V	NH2UD 69V 400PV	B320483C	3
450	690 V	NH2UD 69V 450PV	D320485C	3
500	690 V	NH2UD 69V 500PV	F320487C	3
550	690 V	NH2UD 69V 550PV	G320488C	3
630	690 V	NH2UD 69V 630PV	H320489C	3
700	690 V	NH2UD 69V 700PV	J320490C	3
Neutral		NH2NEUTRAL	N222514E	5
Extractor handle		NHHANDLE	P215592A	1
Microswitch	consult us			

Size 3 - URD - 690V



Extractor handle

Current (A)	Rating	Cat.Number with striker	Ref. number with striker	Pckg
315	690 V	NH3UD 69V 315PV	F320579A	1
350	690 V	NH3UD 69V 350PV	G320580A	1
400	690 V	NH3UD 69V 400PV	K320583A	1
500	690 V	NH3UD 69V 500PV	P320587A	1
550	690 V	NH3UD 69V 550PV	Q320588A	1
630	690 V	NH3UD 69V 630PV	R320589A	1
700	690 V	NH3UD 69V 700PV	S320590A	1
800	690 V	NH3UD 69V 800PV	T320591A	1
900	690 V	NH3UD 69V 900PV	V320592A	1
1000	690 V	NH3UD 69V 1000PV	W320593A	1
Neutral		NH3NEUTRAL	E223035E	5
Extractor handle		NHHANDLE	P215592A	1
Microswitch	consult us			

Functions

German standard 43620 on dimensions.
Ultrafast semi-conductor protection fuses for industry, very current limiting under short circuit conditions. Very low I2t.
Class aR fuses with a minimum interrupting rating, i.e. requiring an outside device to clear small overloads (4 In or less).
NF EN 60269-1 and -4 compliant.

Can be installed in Ferraz Shawmut's ITCP-type fuse switches (see catalog The Advisor).

Applications

Power semi-conductor protection for soft starter, static relay, uninterrupted power supply UPS, speed regulator, rectifier, inverter, etc.

690V URD derating in fuse holders

- 1- Derating for plastic bases (see page 102, picture A)
- 2- Derating for fingersafe fuse holder & fuset switch-disconnectors (see page 102, picture B-D-C)
- 3- Derating for fused switch-disconnectors ITC (see page 102, picture E)
- 4- Derating for fused switch-disconnectors ITC with finger safe protection (see page 102, picture E)

Size	In	1	2	3	4	Size	In	1	2	3	4
000	16	1,00	1,00	1,00	1,00	1	63	1,00	0,95	1,00	1,00
000	20	1,00	1,00	1,00	1,00	1	80	0,95	0,85	0,95	0,90
000	25	1,00	1,00	1,00	1,00	1	100	0,85	0,75	0,85	0,80
000	32	1,00	1,00	1,00	1,00	1	125	0,85	0,75	0,85	0,80
000	40	1,00	1,00	1,00	1,00	1	160	0,80	0,70	0,80	0,75
000	50	1,00	1,00	0,90	0,90	1	200	0,80	0,70	0,80	0,70
000	63	1,00	1,00	0,90	0,90	1	250	0,75	0,70	0,75	0,70
000	80	1,00	0,90	0,75	0,75	1	315	0,75	0,65	0,75	0,70
000	100	1,00	0,90	0,75	0,75	1	350	0,70	0,65	0,70	0,65
000	125	1,00	0,85	0,70	0,70	1	400	0,65	0,60	0,65	0,60
000	160	0,90	0,75	0,60	0,60	2	160	0,90	0,80	0,90	0,85
000	200	0,85	0,70	0,55	0,55	2	200	0,85	0,75	0,85	0,80
000	250	0,75	0,60	0,50	0,50	2	250	0,85	0,70	0,80	0,75
000	315	0,70	0,55	0,45	0,45	2	315	0,75	0,65	0,70	0,65
00	20	1,00	1,00	1,00	1,00	2	350	0,70	0,65	0,70	0,65
00	25	1,00	1,00	1,00	1,00	2	400	0,70	0,60	0,70	0,60
00	32	1,00	1,00	1,00	1,00	2	450	0,70	0,60	0,65	0,60
00	40	1,00	1,00	1,00	1,00	2	500	0,70	0,60	0,65	0,60
00	50	1,00	1,00	1,00	1,00	2	550	0,65	0,60	0,65	0,60
00	63	1,00	1,00	1,00	1,00	2	630	0,65	0,55	0,65	0,60
00	80	1,00	0,95	0,95	0,95	2	700	0,60	0,55	0,60	0,55
00	100	1,00	0,90	0,90	0,90	3	315	0,85	0,75	0,80	0,75
00	125	1,00	0,85	0,85	0,85	3	350	0,85	0,75	0,80	0,75
00	160	0,90	0,75	0,75	0,75	3	400	0,80	0,70	0,75	0,70
00	200	0,85	0,70	0,70	0,70	3	450	0,80	0,70	0,75	0,70
00	250	0,80	0,65	0,65	0,65	3	500	0,75	0,65	0,75	0,70
00	315	0,70	0,55	0,55	0,55	3	550	0,75	0,65	0,75	0,70
0	32	1,00				3	630	0,70	0,60	0,70	0,65
0	40	1,00				3	700	0,70	0,60	0,65	0,60
0	50	1,00				3	800	0,65	0,55	0,60	0,55
0	63	1,00				3	900	0,60	0,50	0,60	0,55
0	80	0,95				3	1000	0,60	0,50	0,55	0,50
0	100	0,95									
0	125	0,85									
0	160	0,85									
0	200	0,80									
0	250	0,75									
0	315	0,65									

Fuse holders and switch disconnectors for NH Protistor

Since there's no need to derate our range of Protistor® NH gS class fuses, all the fusegear built to NH standard can be used.

Type	Poles	Size 000/00		Size 1		Size 2		Size 3	
		Cat. Number	Ref	Cat. Number	Ref	Cat. Number	Ref	Cat. Number	Ref
Fuse holder Unprotected (4) screw connection for hole and bar terminals for 35mm Din rail	1	BB001EPR	R216192	BB11PPR	A223008	BB21PPR	E211075	BB31PPR	X213644
	2	BB002EPR	F218758	BB12PPR	G200796	BB22PPR	V211595	BB32PPR	B214154
	3	BB003EPR	V229121	BB13PPR	Y201340	BB23ABG	D212109	BB33PPR	F214664
	4	BB004EPR	Z223007	BB14PPR	H201855	BB24PPR	R212627	BB34PPR	K215174
Fuse holder Unprotected (4) screw connection for holes or bar terminals for panels	1	BB001EP	F215170	BB11PP	E218757	BB21PP	F201853	BB31PP	W213643
	2	BB002EP	A217212	BB12PP	F222484	BB22PP	S211593	BB32PP	D214662
	3	BB003EPVBLOC	W229122	BB13PP	Y223006	BB23PP	B212107	BB33PP	H215172
	4	BB004EP	S219275	BB14PP	X201339	BB24PP	C213143	BB34PP	L215681
Fuse holder Finger Safe Protected screw connection for hole and bar terminals for DIN rail	1	BB001RFS	S218240	BB11PPRFS	P226724	BB21PPRFS	R226726	BB31PPRFS	T226728
	3	BB003RFSBLOC	S229119	BB13PPRFS	Q226725	BB23PPRFS	S226727	BB33PPRFS	V226729
	3	BB003SFSBLOC	T229120						
Switch disconnector Linocur horizontal	2xM8	1	NHLINC1PT0	N216626					
	S/BL	1	NHLINC1PT7	N222882					
	2xM8	2	NHLINC2PT0	B218685					
	S/BL	2	NHLINC2PT7	C201781					
	2xM8	3	NHLINC3PT0	Y212035					
	S/BL	3	NHLINC3PT7	W213574					
Multibloc clamp connection	3	NH00MBS3PT2	J229295						
Multibloc Screw connection	3	NH00MBS3PT0	H229294	NH1MBS-	S229878				
Fused switch* ITC 63 III complete(5)	3	ITC63C3CFNSF	M235347	C3PT0					
Fused switch* ITC 160 III complete(5)	3	ITC160C3CFNSF	T235353						
Fused switch* ITC 250 III complete(5)	3			A235359 + Y210770(3)	ITC250C3CFNSF + RCPTITCP250/800				
Fused switch* ITC 400 III complete(5)	3					N235371 + Y210770(3)	ITC400C3CFNSF + RCPTITCP250/800		
Fused switch* ITC 630 III complete(5)	3							B235383 + Y210770(3)	
Fused switch* ITC 800 III complete(5)	3							ITC630C3CFNSF + RCPTITCP250/800	
								W229674 + Y210770(3)	
								ITC800S3CEF + RCPTITCP250/800	

* Fused switch/disconnector front handle
For side handle switch replace CF with CL in Catalog Number
(3) Necessary heighten for the use of microswitch (F210156C or G210157C)

(4) Unprotected against accidental contact-not finger safe
(5) Finger safe

Fuse holder
unprotect
(A)



Fuse holder
finger safe
(B)



Switch
Disconnector
Linocur
(C)



Multibloc
(D)



Switch
Disconnector
fast handle
(E)

Fuse Monitoring for Din rail mounting



- Small and compact
- No need for external supply voltage
- Fixing onto DIN Rail

Voltage rating (V)	Cat. Number	Reference	Pack.
100 to 260	FM100/260RD	S236824A	1
380 to 690	FM380/690RD	T236825A	1