

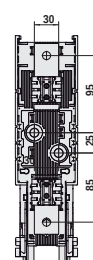
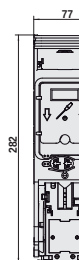
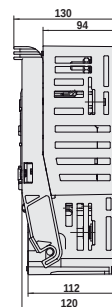
One pole LV Fuse switches - NHC 250/400A

Reference	Type	Current	Fuse link	Connection
422.1.1.1.XX.YY	STD	250 A	NH - 1	bolt
422.1.1.2.XX.YY	STD	250 A	NH - 1	DIN rail
422.1.2.1.XX.YY	STD	400 A	NH - 2	bolt
422.1.2.2.XX.YY	STD	400 A	NH - 2	DIN rail
422.2.1.1.XX.YY	CGP-7 R	250 A	NH - 1	bolt
422.2.1.2.XX.YY	CGP-7 R	250 A	NH - 1	DIN rail
422.2.2.1.XX.YY	CGP-7 R	400 A	NH - 2	bolt
422.2.2.2.XX.YY	CGP-7 R	400 A	NH - 2	DIN rail
422.3.1.1.XX.YY	L-T	250 A	NH - 1	bolt
422.3.1.2.XX.YY	L-T	250 A	NH - 1	DIN rail
422.3.2.1.XX.YY	L-T	400 A	NH - 2	bolt
422.3.2.2.XX.YY	L-T	400 A	NH - 2	DIN rail
422.4.1.1.XX.YY	CGP-10 T	250 A	NH - 1	bolt
422.4.1.2.XX.YY	CGP-10 T	250 A	NH - 1	DIN rail
422.4.2.1.XX.YY	CGP-10 T	400 A	NH - 2	bolt
422.4.2.2.XX.YY	CGP-10 T	400 A	NH - 2	DIN rail
422.6.1.1.XX.YY	L-L	250 A	NH - 1	bolt
422.6.1.2.XX.YY	L-L	250 A	NH - 1	DIN rail
422.6.2.1.XX.YY	L-L	400 A	NH - 2	bolt
422.6.2.2.XX.YY	L-L	400 A	NH - 2	DIN rail
422.7.1.1.XX.YY	CGP-7-L	250 A	NH - 1	bolt
422.7.1.2.XX.YY	CGP-7-L	250 A	NH - 1	DIN rail
422.7.2.1.XX.YY	CGP-7-L	400 A	NH - 2	bolt
422.7.2.2.XX.YY	CGP-7-L	400 A	NH - 2	DIN rail
422.A.1.1.XX.YY	CGP-10-L	250 A	NH - 1	bolt
422.A.1.2.XX.YY	CGP-10-L	250 A	NH - 1	DIN rail
422.A.2.1.XX.YY	CGP-10-L	400 A	NH - 2	bolt
422.A.2.2.XX.YY	CGP-10-L	400 A	NH - 2	DIN rail

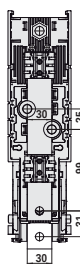
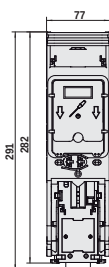
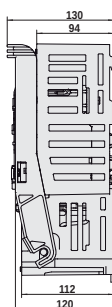
XX: add code for terminal type | 01: M10x30 Bichromed bolt
02: M10x30 stainless steel bolt

YY: add code for accessories (see page 57)

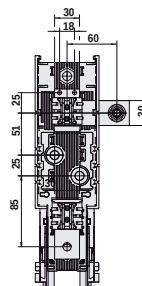
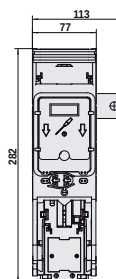
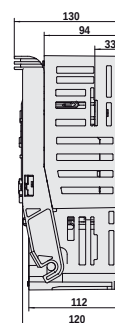
STANDARD



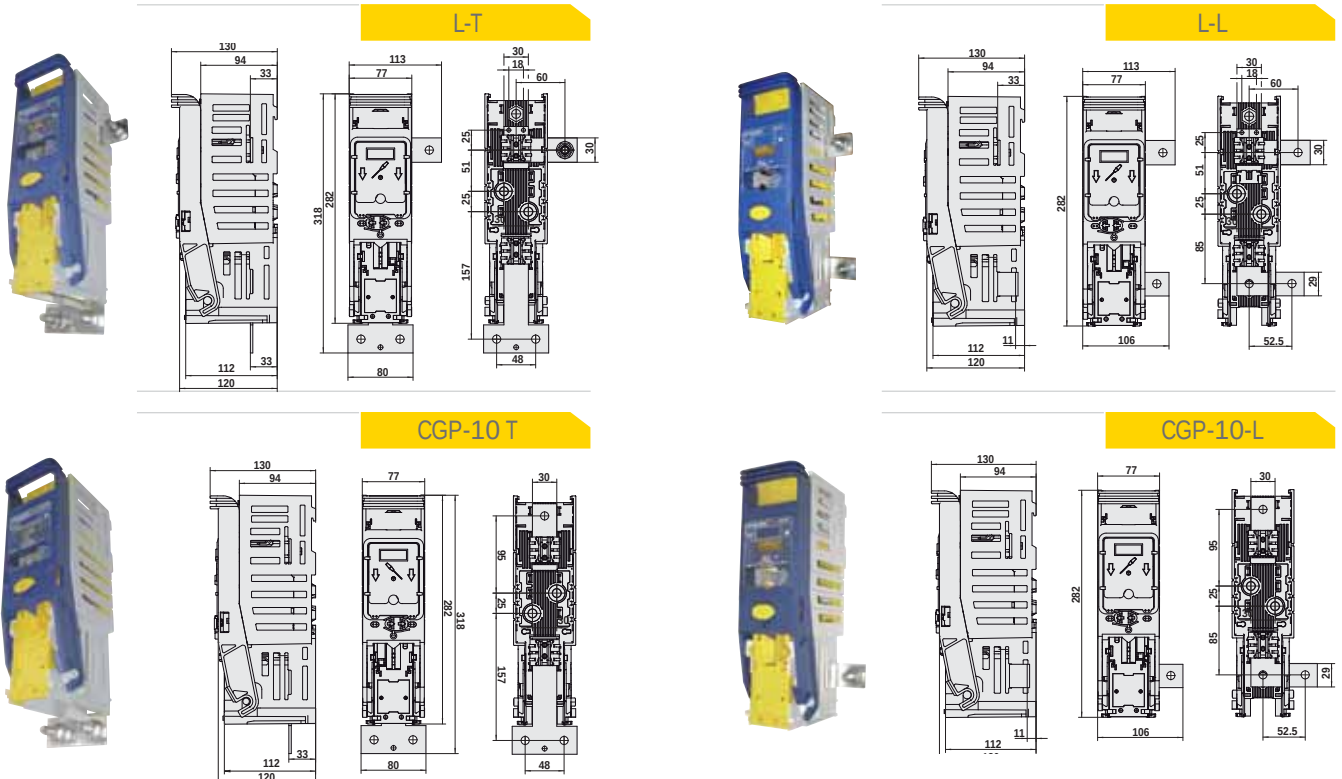
CGP-7 R



CGP-7-L



One pole LV Fuse switches - NHC 250/400A

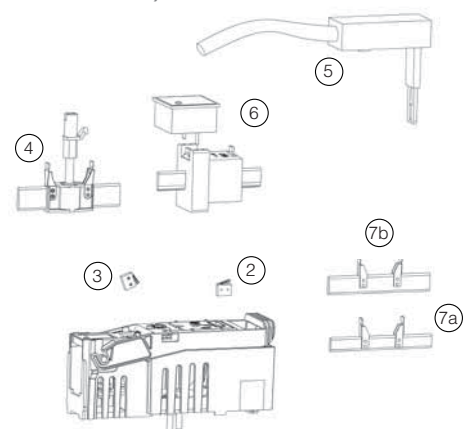


Accessories & Assembly drawing Code YY (one pole LV fuse switches reference 422 / NHC)

No. Item	Reference	Description	Code YY (for in-built accessories)
* Code 01 = without accessories			
	1	Blown fuse indicator (ILF)	02
	2 1013404	Micro-switch open/closed indicator	04
	3 1013405	Micro-switch for striker pin indicator	05
	4 42808104	Earthing device	
	5 4280810	Slip on fuse	
	6 42808118	Temporary metering set for NH-1	
	42808111	Temporary metering set for NH-2	
	7 2400302	Solid link for NH-1	
	2400402	Solid link for NH-2	

Assembly drawing

(One pole L V fuse switches reference 422 NHC-1/2)



Technical data NHC one pole LV fuse switches

One pole LV fuse switches NH 00/1/2
NHC 160 / 250 / 400 A (one pole LV fuse switches reference 422)

IEC / EN 60947			Type →	NHC					
				Type 422		Type 422		Type 422	
				160 A		250 A		400 A	
Electrical characteristics	Rated operational voltage		U _e (V)	500	690	500	690	500	690
	Rated operational current		I _e (A)	160	100	250	200	400	315
	Conventional free air thermal current with fuses		I _{th} (A)	160	100	250	200	400	315
	Conventional free air thermal current with solid links		I _{th} (A)	210		300		500	
	Rated frequency		(Hz)	50					
	Rated insulation voltage		U _i (V)	1000					
	Rated conditional short-circuit current		(kA _{eff})	50					
	Utilization category		--	AC-22B					
	Rated making capacity		(A)	480	300	750	600	1200	945
	Rated breaking capacity		(A)	480	300	750	600	1200	945
	Rated impulse withstand voltage		U _{imp} (kV)	20					
	Operating cycles with current		--	200					
	Total power loss at I _{th} (without fuse)		P _V (W)	3,16	1,76	8	6	12	9
Mechanical characteristics	Weight		(kg)	0,276		1,256		1,356	
	Operating cycles without current		--	1400	1700	1400	1400	800	1400
Fuse links	Size to IEC / EN 60269		--	00		1		2	
	Max. rated current (gL/gG)		I _n (A)	160	100	250	200	400	315
	Max. permis. power loss per fuse-link		P _V (W)	10	12	23	32	34	45
Terminals	Bolt terminal	Diameter	--	M8/M10		M10			
		Cable lug	(mm²)	up to 150		240			
		Torque	(Nm)	10/32		32			
	Prism terminal	Wire section	--	16-95		--			
		Torque	(Nm)	2,6-2,6-4,5		--			
	Bimetallic terminal	Wire section	--	50-95-150		up to 240			
		Torque	(Nm)	2,6-4,5-11		21			
Protection level	Front operated switchgear fitted		--	IP30		IP20			
Operating Conditions	Ambient temperature		(°C)	-25 to +55 *(1)					
	Rated operating mode		--	continuous operation					
	Actuation		--	dependant manual operation					
	Mounting position		--	vertical / horizontal					
	Altitude		(m)	up to 2000					
	Pollution degree		--	3					
	Overvoltage category		--	IV					

*(1) 35°C normal temperature, at 55°C with reduced operating current