



PRODUCT BROCHURE
UL LISTED ENCLOSED MANUAL
MOTOR CONTROLLERS
ISF-SERIES 16-40A

UL LISTED POLYCARBONATE ENCLOSED MANUAL MOTOR CONTROLLERS ISF-SERIES (M3) 16-40 A



- KATKO LoadSafe KU 16 - 40 A switch enclosed in a M2 polycarbonate enclosure
- Good resistance against UV and many chemicals
- Excellent insulating properties
- Wide operating temperature range
- Door interlock with defeat mechanism
- Padlockable
- Wire size (Cu only): 14-8 AWG
- Self-extinguishing material
- With black handle and grey cover or with red handle and yellow cover (Y/R)
- Available with fixed NO auxiliary contact or with separate side-mounted auxiliary contacts
- Available as 1- or 2-pole on request
- UL 60947-4-1A
- Also available as EMC, and EMC/EX -protected (3-pole)

Enclosure type	Width mm	Height mm	Depth mm	Material	IP rating	NEMA Rating
M2	96,4	130,4	106	Polycarbonate, PC	IP66	Type 4X

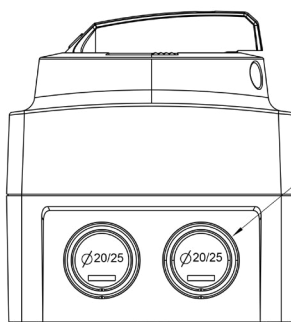
Type	Type	Product code	Product code	EAN	EAN	Ampere rating (600 V)	208V	415V	480V	600V	Poles	Enclosure	Auxiliary contact
Black handle	Y/R handle	Black handle	Y/R handle	Black handle	Y/R handle								
ISF 316UL M2	ISF 316UL YR M2	29484	29486	6419410294840	6419410294864	16 A	3 HP	5 HP	7.5 HP	10 HP	3	M2	-
ISF 330UL M2	ISF 330UL YR M2	29475	34195	6419410294758	6419410341957	30 A	5 HP	7.5 HP	10 HP	15 HP	3	M2	-
ISF 316NOUL M2	ISF 316NOUL YR M2	34483	34486	6419410344835	6419410344866	16 A	3 HP	5 HP	7.5 HP	10 HP	3+1	M2	1NO
ISF 330NOUL M2	ISF 330NOUL YR M2	34471	34477	6419410344712	6419410344774	30 A	5 HP	7.5 HP	10 HP	15 HP	3+1	M2	1NO
ISF 316UL M2EMC 2XM25MEMC	ISF 316UL YR M2EMC 2XM25MEMC	35085	35223	6419410350850	6419410352236	16 A	3 HP	5 HP	7.5 HP	10 HP	3	M2	-
ISF 330UL M2EMC 2XM25MEMC	ISF 330UL YR M2EMC 2XM25MEMC	35086	35224	6419410350867	6419410352243	30 A	5 HP	7.5 HP	10 HP	15 HP	3	M2	-
ISF 416UL M2	ISF 416UL YR M2	29485	29487	6419410294857	6419410294871	16 A	3 HP	5 HP	7.5 HP	10 HP	4	M2	-
ISF 430UL M2	ISF 430UL YR M2	29476	29481	6419410294765	6419410294819	30 A	5 HP	7.5 HP	10 HP	15 HP	4	M2	-

DISCOVER MORE

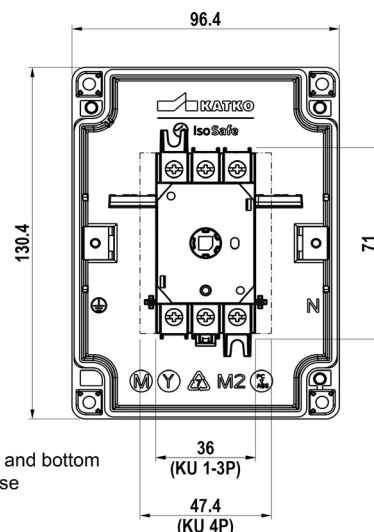


3D STEP files available:
www.katko.com/3d-models

Accessories available:
www.katko.com/products/accessories/



KNOCK-OUTS
 \varnothing 20/25 on the top and bottom
 and \varnothing 20 on the base



UL LISTED POLYCARBONATE ENCLOSED MANUAL MOTOR CONTROLLERS ISF-SERIES (M3) 16-40A



- KATKO LoadSafe KU 16 - 40 A switch enclosed in a M3 polycarbonate enclosure
- Good resistance against UV and many chemicals
- Excellent insulating properties
- Wide operating temperature range
- Door interlock with defeat mechanism
- Padlockable
- Wire size (Cu only): 14-8 AWG
- Self-extinguishing material
- With black or yellow/red handle
- Available with fixed NO auxiliary contact or with separate side-mounted auxiliary contacts
- Available as 1- or 2-pole on request
- UL 60947-4-1A
- Also available as EMC, and EMC/EX -protected (3-pole)

Enclosure type	Width mm	Height mm	Depth mm	Material	IP rating	NEMA Rating
M3	144	190	96	Polycarbonate, PC	IP66	Type 4X

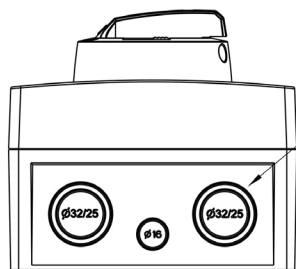
Type	Type	Product code	Product code	EAN	EAN	Ampere rating (600 V)	208V	415V	480V	600V	Poles	Enclosure	Auxiliary contact
Black handle	Y/R handle	Black handle	Y/R handle	Black handle	Y/R handle								
ISF 316UL M3	ISF 316UL YR M3	29494	29493	6419410294949	6419410294932	16 A	3 HP	5 HP	7.5 HP	10 HP	3	M3	-
ISF 330UL M3	ISF 330UL YR M3	34686	29488	6419410346860	6419410294888	30 A	5 HP	7.5 HP	10 HP	15 HP	3	M3	-
ISF 340UL M3	ISF 340UL YR M3	29477	29482	6419410294772	6419410294826	40 A	5 HP	10 HP	15 HP	20 HP	3	M3	-
ISF 316NOUL M3	ISF 316NOUL YR M3	34493	34492	6419410344934	6419410344927	16 A	3 HP	5 HP	7.5 HP	10 HP	3+1	M3	1NO
ISF 330NOUL M3	ISF 330NOUL YR M3	34711	34488	6419410347119	6419410344880	30 A	5 HP	7.5 HP	10 HP	15 HP	3+1	M3	1NO
ISF 340NOUL M3	ISF 340NOUL YR M3	34475	34479	6419410344750	6419410344798	40 A	5 HP	10 HP	15 HP	20 HP	3+1	M3	1NO
ISF 340UL M3EMC 2XM25MEMC	ISF 340UL YR M3EMC 2XM25MEMC	35087	35225	6419410350874	6419410352250	40 A	5 HP	10 HP	15 HP	20 HP	3	M3	-
ISF 416UL M3	ISF 416UL YR M3	34676	34677	6419410346761	6419410346778	16 A	3 HP	5 HP	7.5 HP	10 HP	4	M3	-
ISF 430UL M3	ISF 430UL M3	34678	34679	6419410346785	6419410346792	30 A	5 HP	7.5 HP	10 HP	15 HP	4	M3	-
ISF 440UL M3	ISF 440UL YR M3	29478	29483	6419410294789	6419410294833	40 A	5 HP	10 HP	15 HP	20 HP	4	M3	-

DISCOVER MORE

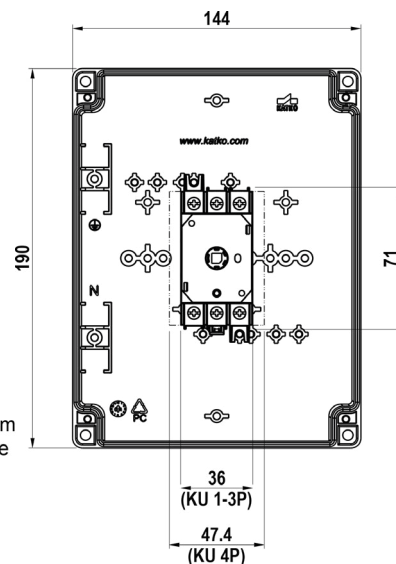


3D STEP files available:
www.katko.com/3d-models

Accessories available:
www.katko.com/products/accessories/



KNOCK-OUTS
2x $\phi 25/\phi 32 + \phi 16$
on the top and bottom
and $\phi 25$ on the base



UL LISTED ALUMINIUM ENCLOSED MANUAL MOTOR CONTROLLERS ISF-SERIES (A2) 16-40A



- Excellent for hard weather conditions
- KATKO LoadSafe KU 16 - 40 A switch enclosed in a A2 die-cast aluminium enclosure
- Good resistance against UV and many chemicals
- Wide operating temperature range
- Door interlock with defeat mechanism
- Padlockable
- Wire size (Cu only): 14-8 AWG
- With black or yellow/red handle
- Available with fixed NO auxiliary contact or with separate side-mounted auxiliary contacts
- Available as 1- or 2-pole on request
- UL 60947-4-1A
- Also available as EMC, and EMC/EX -protected (3-pole)

Enclosure type	Width mm	Height mm	Depth mm	Material	IP rating	NEMA Rating
A2	104	158,5	79,5	Aluminum	IP66	Type 4

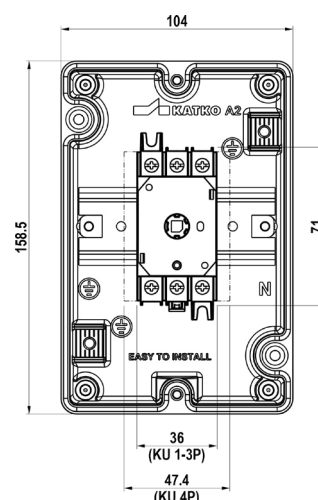
Type	Type	Product code	Product code	EAN	EAN	Ampere rating (600 V)	208V	415V	480V	600V	Poles	Enclosure	Auxiliary contact
Black handle	Y/R handle	Black handle	Y/R handle	Black handle	Y/R handle								
ISF 316UL A2	ISF 316UL YR A2	29448	29455	6419410294482	6419410294550	16 A	3 HP	5 HP	7.5 HP	10 HP	3	A2	-
ISF 330UL A2	ISF 330UL YR A2	29451	29457	6419410294512	6419410294574	30 A	5 HP	7.5 HP	10 HP	15 HP	3	A2	-
ISF 340UL A2	ISF 340UL YR A2	29453	29459	6419410294536	6419410294598	40 A	5 HP	10 HP	15 HP	20 HP	3	A2	-
ISF 316NOUL A2	ISF 316NOUL YR A2	34437	34446	6419410344378	6419410344460	16 A	3 HP	5 HP	7.5 HP	10 HP	3+1	A2	1NO
ISF 330NOUL A2	ISF 330NOUL YR A2	34439	34448	6419410344392	6419410344484	30 A	5 HP	7.5 HP	10 HP	15 HP	3+1	A2	1NO
ISF 340NOUL A2	ISF 340NOUL YR A2	34443	34451	6419410344439	6419410344514	40 A	5 HP	10 HP	15 HP	20 HP	3+1	A2	1NO
ISF 316UL A2EMC 2XM25MEMC KST16M	ISF 316UL YR A2EMC 2XM25MEMC KST16M	35088	35226	6419410350881	6419410352267	16 A	3 HP	5 HP	7.5 HP	10 HP	3	A2	-
ISF 330UL A2EMC 2XM25MEMC KST16M	ISF 330UL YR A2EMC 2XM25MEMC KST16M	35089	35227	6419410350898	6419410352274	30 A	5 HP	7.5 HP	10 HP	15 HP	3	A2	-
ISF 340UL A2EMC 2XM25MEMC KST16M	ISF 340UL YR A2EMC 2XM25MEMC KST16M	35090	35228	6419410350904	6419410352281	40 A	5 HP	10 HP	15 HP	20 HP	3	A2	-
ISF 416UL A2	ISF 416UL YR A2	29449	29456	6419410294499	6419410294567	16 A	3 HP	5 HP	7.5 HP	10 HP	4	A2	-
ISF 430UL A2	ISF 430UL YR A2	29452	29458	6419410294529	6419410294581	30 A	5 HP	7.5 HP	10 HP	15 HP	4	A2	-
ISF 440UL A2	ISF 440UL YR A2	29454	29461	6419410294543	6419410294611	40 A	5 HP	10 HP	15 HP	20 HP	4	A2	-

DISCOVER MORE



3D STEP files available:
www.katko.com/3d-models

Accessories available:
www.katko.com/products/accessories/



UL LISTED SHEET STEEL ENCLOSED MANUAL MOTOR CONTROLLERS ISF-SERIES (T3) 16-40A



- KATKO LoadSafe KU 16 - 40 A switch enclosed in a T3 sheet steel enclosure
- Good resistance against UV and many chemicals
- Good corrosion resistance
- Excellent Insulating properties
- Wide operating temperature range
- Door interlock with defeat mechanism
- Padlockable
- Wire size (Cu only): 14-8 AWG
- With black or yellow/red handle
- Available with fixed NO auxiliary contact or with separate side-mounted auxiliary contacts
- Available as 1- or 2-pole on request
- UL 60947-4-1A
- Also available as EMC, and EMC/EX -protected (3-pole)

Enclosure type	Width mm	Height mm	Depth mm	Material	IP rating	NEMA Rating
T3	150	200	120	Sheet steel	IP66	Type 4

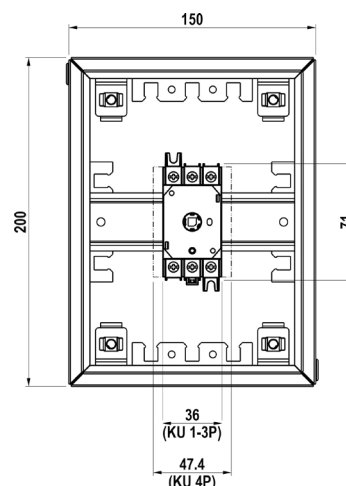
Type	Type	Product code	Product code	EAN	EAN	Ampere rating (600 V)	208V	415V	480V	600V	Poles	Enclosure	Auxiliary contact
Black handle	Y/R handle	Black handle	Y/R handle	Black handle	Y/R handle								
ISF 316 T3	ISF 316 YR T3	44369	44789	6419410443699	6419410447895	16 A	3 HP	5 HP	7.5 HP	10 HP	3	T3	-
ISF 330 T3	ISF 330 YR T3	44376	44796	6419410443767	6419410447963	30 A	5 HP	7.5 HP	10 HP	15 HP	3	T3	-
ISF 340 T3	ISF 340 YR T3	44383	44803	6419410443835	6419410448038	40 A	5 HP	10 HP	15 HP	20 HP	3	T3	-
ISF 316NOUL T3	ISF 316NOUL YR T3	34455	34463	6419410344552	6419410344637	16 A	3 HP	5 HP	7.5 HP	10 HP	3+1	T3	1NO
ISF 330NOUL T3	ISF 330NOUL YR T3	34457	34466	6419410344576	6419410344668	30 A	5 HP	7.5 HP	10 HP	15 HP	3+1	T3	1NO
ISF 340NOUL T3	ISF 340NOUL YR T3	34459	34468	6419410344590	6419410344682	40 A	5 HP	10 HP	15 HP	20 HP	3+1	T3	1NO
ISF 316UL T3EMC 2XM25MEMC	ISF 316UL YR T3EMC 2XM25MEMC	35201	35233	6419410352014	6419410352335	16 A	3 HP	5 HP	7.5 HP	10 HP	3	T3	-
ISF 330UL T3EMC 2XM25MEMC	ISF 330UL YR T3EMC 2XM25MEMC	35202	35234	6419410352021	6419410352342	30 A	5 HP	7.5 HP	10 HP	15 HP	3	T3	-
ISF 340UL T3EMC 2XM25MEMC	ISF 340UL YR T3EMC 2XM25MEMC	35203	35235	6419410352038	6419410352359	40 A	5 HP	10 HP	15 HP	20 HP	3	T3	-
ISF 416 T3	ISF 416 YR T3	44390	44810	6419410443903	6419410448106	16 A	3 HP	5 HP	7.5 HP	10 HP	4	T3	-
ISF 430 T3	ISF 430 YR T3	44397	44817	6419410443972	6419410448175	30 A	5 HP	7.5 HP	10 HP	15 HP	4	T3	-
ISF 440 T3	ISF 440 YR T3	44404	44824	6419410444047	6419410448243	40 A	5 HP	10 HP	15 HP	20 HP	4	T3	-

DISCOVER MORE



3D STEP files available:
www.katko.com/3d-models

Accessories available:
www.katko.com/products/accessories/



UL LISTED STAINLESS STEEL ENCLOSED MANUAL MOTOR CONTROLLERS ISF-SERIES (RA2 & RA4) 16-40A



- Where hygiene and good protection against corrosion are required
- KATKO LoadSafe KU 16 - 40 A switch enclosed in RA2 and RA4 AISI 316L stainless steel enclosures
- Good resistance against UV and many chemicals
- Excellent Insulating properties
- Wide operating temperature range
- Door interlock with defeat mechanism
- Padlockable
- Wire size (Cu only): 14-8 AWG
- With black or yellow/red handle
- Available with fixed NO auxiliary contact or with separate side-mounted auxiliary contacts
- Available as 1- or 2-pole on request
- Tested according to IEC 60947-3
- UL 60947-4-1A
- Also available as EMC, and EMC/EX -protected (3-pole)

Enclosure type	Width mm	Height mm	Depth mm	Material	IP rating	NEMA Rating
RA2	120	160	77	Stainless Steel, AISI 316L	IP66	Type 4X
RA4	160	260	90	Stainless Steel, AISI 316L	IP66	Type 4X

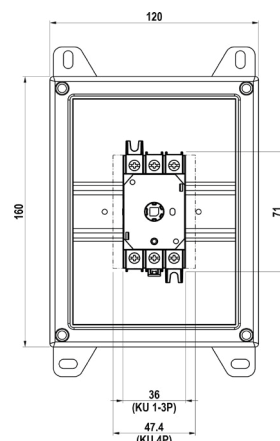
Type	Type	Product code	Product code	EAN	EAN	Ampere rating (600 V)	208V	415V	480V	600V	Poles	Enclosure	Auxiliary contact
Black handle	Y/R handle	Black handle	Y/R handle	Black handle	Y/R handle								
ISF 316 RA2	ISF 316 YR RA2	29435	29442	6419410294352	6419410294420	16 A	3 HP	5 HP	7.5 HP	10 HP	3	RA2	-
ISF 330 RA2	ISF 330 YR RA2	29436	29443	6419410294369	6419410294437	30 A	5 HP	7.5 HP	10 HP	15 HP	3	RA2	-
ISF 340 RA2	ISF 340 YR RA2	29439	29446	6419410294390	6419410294468	40 A	5 HP	10 HP	15 HP	20 HP	3	RA2	-
ISF 316NOUL RA2	ISF 316NOUL YR RA2	34352	34428	6419410343524	6419410344286	16 A	3 HP	5 HP	7.5 HP	10 HP	3+1	RA2	1NO
ISF 330NOUL RA2	ISF 330NOUL YR RA2	34353	34429	6419410343531	6419410344293	30 A	5 HP	7.5 HP	10 HP	15 HP	3+1	RA2	1NO
ISF 340NOUL RA2	ISF 340NOUL YR RA2	34426	34435	6419410344262	6419410344354	40 A	5 HP	10 HP	15 HP	20 HP	3+1	RA2	1NO
ISF 316UL RA2EMC 2XM25MEMC	ISF 316UL YR RA2EMC 2XM25MEMC	35091	35229	6419410350911	6419410352298	16 A	3 HP	5 HP	7.5 HP	10 HP	3	RA2	-
ISF 330UL RA2EMC 2XM25MEMC	ISF 330UL YR RA2EMC 2XM25MEMC	35092	35231	6419410350928	6419410352311	30 A	5 HP	7.5 HP	10 HP	15 HP	3	RA2	-
ISF 340UL RA2EMC 2XM25MEMC	ISF 340UL YR RA2EMC 2XM25MEMC	35146	35232	6419410351468	6419410352328	40 A	5 HP	10 HP	15 HP	20 HP	3	RA2	-
ISF 416 RA2	ISF 416 YR RA2	29437	29444	6419410294376	6419410294444	16 A	3 HP	5 HP	7.5 HP	10 HP	4	RA2	-
ISF 430 RA2	ISF 430 YR RA2	29438	29445	6419410294383	6419410294451	30 A	5 HP	7.5 HP	10 HP	15 HP	4	RA2	-
ISF 440 RA2	ISF 440 YR RA2	29441	29447	6419410294413	6419410294475	40 A	5 HP	10 HP	15 HP	20 HP	4	RA2	-
ISF 416UL RA4	ISF 416UL YR RA4	29489	34680	6419410294895	6419410346808	16 A	3 HP	5 HP	7.5 HP	10 HP	4	RA4	-
ISF 430UL RA4	ISF 430UL YR RA4	29491	34681	6419410294918	6419410346815	30 A	5 HP	7.5 HP	10 HP	15 HP	4	RA4	-
ISF 440UL RA4	ISF 440UL YR RA4	29492	34682	6419410294925	6419410346822	40 A	5 HP	10 HP	15 HP	20 HP	4	RA4	-

DISCOVER MORE



3D STEP files available:
www.katko.com/3d-models

Accessories available:
www.katko.com/products/accessories/



UL LISTED STAINLESS STEEL ENCLOSED MANUAL MOTOR CONTROLLERS WITH SLOPED ROOF ISF-SERIES (RA2R & RA2RS) 16-40A



- Where hygiene and good protection against corrosion are required
- Designed for hygienic and heavy environments
- KATKO LoadSafe KU 16 - 40 A switch enclosed in RA2R and RA2RS AISI 316L stainless steel enclosures
- Good resistance against UV and many chemicals
- Manual motor controller with disconnecter means
- Excellent Insulating properties
- Wide operating temperature range
- Door interlock with defeat mechanism
- Padlockable
- Sloped roof for rain protection (RS model)
- Wire size (Cu only): 14-8 AWG
- Available with side-mounted auxiliary contacts
- Available as 1- or 2-pole on request
- UL 60947-4-1A

Enclosure type	Width mm	Height mm	Depth mm	Material	IP rating	NEMA Rating
RA2R	120	160	77	Stainless Steel, AISI 316L	IP66	Type 4X
RA2RS	120	258	113	Stainless Steel, AISI 316L	IP66	Type 4X

Type Without sloped roof (R)	Type With sloped roof (RS)	Product code R	Product code RS	EAN R	EAN RS	Ampere rating (600 V)	208V	415V	480V	600V	Poles	Enclosure
ISF 316UL RA2R	ISF 316UL RA2RS	29435	29442	6419410294222	6419410294239	16 A	3 HP	5 HP	7.5 HP	10 HP	3	RA2R/RA2RS
ISF 330UL RA2R	ISF 330UL RA2RS	29436	29443	6419410294369	6419410294253	30 A	5 HP	7.5 HP	10 HP	15 HP	3	RA2R/RA2RS
ISF 340UL RA2R	ISF 340UL RA2RS	29439	29446	6419410294260	6419410294277	40 A	5 HP	10 HP	15 HP	20 HP	3	RA2R/RA2RS
ISF 416UL RA2R	ISF 416UL RA2RS	29437	29444	6419410294284	6419410294291	16 A	3 HP	5 HP	7.5 HP	10 HP	4	RA2R/RA2RS
ISF 430UL RA2R	ISF 430UL RA2RS	29438	29445	6419410294314	6419410294321	30 A	5 HP	7.5 HP	10 HP	15 HP	4	RA2R/RA2RS
ISF 440UL RA2R	ISF 440UL RA2RS	29441	29447	6419410294338	6419410294345	40 A	5 HP	10 HP	15 HP	20 HP	4	RA2R/RA2RS

DISCOVER MORE



3D STEP files available:
www.katko.com/3d-models

Accessories available:
www.katko.com/products/accessories/

